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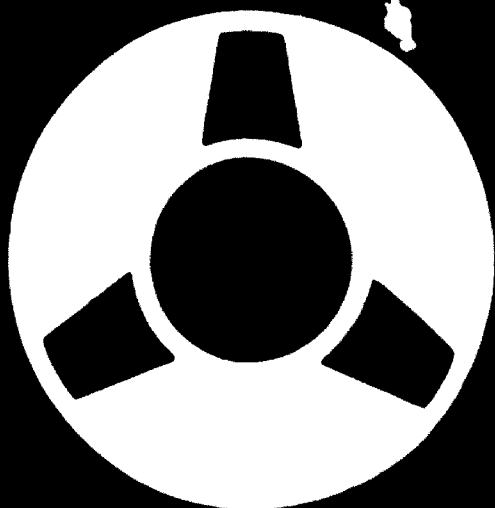
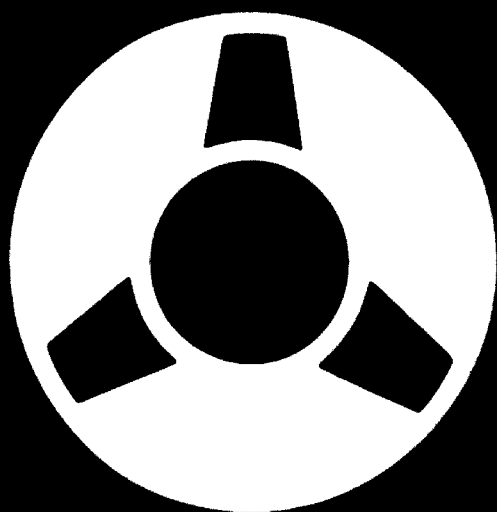
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INDUSTRIAL DEVELOPMENT ABSTRACTS



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UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

**INDUSTRIAL
DEVELOPMENT
ABSTRACTS**

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INDUSTRIAL DEVELOPMENT ABSTRACTS

15101-15400

UNIDO Industrial Information System (INDIS)



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
Vienna, 1987

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INDUSTRIAL DEVELOPMENT ABSTRACTS

Introduction

This publication provides a specialized guide to UNIDO documentation on industrialization in developing countries, much of which is unpublished. It supplements the indexes available from various United Nations bodies and specialized agencies, providing a fuller picture of economic development activities of the United Nations family.

The following material is indexed: major studies and reports, publications in series, and selected articles; reports and proceedings of expert working groups, workshops and seminars; internal studies; and reports related to technical assistance.

Industrial Development Abstracts consists of four parts: a subject index, an author index, a document number index and bibliographical abstracts. The number given with each entry in the subject, author and document indexes is the computer access number of the item. The abstracts are printed in sequence according to the access number, which appears at the top left of each entry. The descriptors used are taken from the UNIDO *Thesaurus of Industrial Development Terms*.

Industrial Development Abstracts is processed using the CDS/ISIS software package developed by the International Labour Office (ILO) and currently supported by the United Nations Educational, Scientific and Cultural Organization (UNESCO). The system is compatible with indexing systems used by other United Nations bodies and specialized agencies, thus facilitating the exchange of information.

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RESUMES D'ETUDES SUR LE DEVELOPPEMENT INDUSTRIEL

Introduction

Le but de la présente publication est de servir de guide pour une documentation, en grande partie inédite, concernant l'industrialisation des pays en développement, et de fournir un complément aux index publiés par les divers organismes des Nations Unies, en donnant une idée plus complète des activités que ceux-ci consacrent au développement économique.

On y trouvera des résumés de diverses catégories de documents : études et rapports importants, publications périodiques et articles sélectionnés; y figurent aussi des rapports et comptes rendus de réunions d'experts, de journées d'études et de séminaires, des études internes, et des rapports sur des activités d'assistance technique.

Les *Résumés d'études sur le développement industriel* sont divisés en quatre parties : un index par sujets, un index par auteurs, un index par cotes de documents et des analyses bibliographiques. Le numéro de chaque rubrique dans les listes par sujets, par auteurs et par cotes correspond au numéro d'enregistrement du document sur fichier magnétique. Les résumés sont classés par ordre numérique d'après leur numéro d'enregistrement qui est reproduit en haut et à gauche de chaque rubrique. Les abréviations utilisées sont tirées du *Thesaurus of Industrial Development Terms* de l'ONUDI.

Les *Résumés d'études sur le développement industriel* sont établis à l'aide du Système de documentation automatique et du Système intégré d'information scientifique (CDS/ISIS), ensemble de programmes mis au point respectivement par le Bureau international du Travail (BIT) et

l'Organisation des Nations Unies pour l'éducation, la science et la culture (UNESCO), et conçu de la même manière que les systèmes d'indexation adoptés par d'autres organismes des Nations Unies et institutions spécialisées, ce qui facilite l'échange rapide d'informations.

Les commandes de *Résumés d'études sur le développement industriel* ou de publications mises en vente par les Nations Unies et faisant l'objet de ces *Résumés* doivent être envoyées à l'adresse suivante :

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РЕЗЮМЕ ПО ВОПРОСАМ ПРОМЫШЛЕННОГО РАЗВИТИЯ

Введение

Настоящая публикация представляет собой специальное руководство к документации ЮНИДО по индустриализации в развивающихся странах, значительная часть которой не опубликована. Она дополняет индексы, получаемые из различных органов и специализированных учреждений Организации Объединенных Наций, создавая более полную картину деятельности системы Организации Объединенных Наций в области экономического развития.

Индексирован следующий материал: основные исследования и доклады, публикации в сериях и отдельные статьи; доклады и отчеты о работе рабочих групп экспертов, симпозиумов и семинаров; внутренние исследования и доклады, касающиеся технической помощи.

Резюме по вопросам промышленного развития состоит из четырех частей: индекс вопроса, индекс автора, индекс номера документа и краткий перечень справочной литературы. Номером, под которым регистрируется каждый индекс вопроса, автора и документа, является номер выборки информации по этому вопросу в ЭВМ. Резюме печатаются в последовательности, соответствующей номеру выборки информации, который ставится в верхнем левом углу каждой регистрационной записи. Используемая при описании терминология взята из *Словаря по промышленному развитию ЮНИДО*.

Резюме по вопросам промышленного развития обрабатывается с использованием набора средств программирования, разработанного МОТ, и в настоящее время поддерживаемого ЮНЕСКО.

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EXTRACTOS DE DESARROLLO INDUSTRIAL

Introducción

Esta publicación sirve de guía especializada de la documentación de la ONUDI relativa a la industrialización de los países en desarrollo, documentación en gran parte inédita. Constituye un suplemento de los índices que pueden proporcionar los diversos órganos y organismos especializados de las Naciones Unidas, facilitando un cuadro más completo de las actividades de desarrollo económico realizadas por el sistema de las Naciones Unidas.

En los extractos se clasifica el siguiente material: informes y estudios principales, publicaciones que forman parte de series y artículos seleccionados; informes y actas de grupos de expertos, cursos prácticos de capacitación y seminarios; estudios internos, e informes sobre cuestiones de asistencia técnica.

Los *Industrial Development Abstracts* constan de cuatro partes: un índice de materias, un índice de autores, un índice por número de documento, y extractos bibliográficos. El número que acompaña a cada materia, autor y documento en los índices correspondientes es el número de entrada que les está asignado en la computadora. Los extractos se publican siguiendo el orden de esos números de entrada, que figuran en la esquina superior izquierda de cada inscripción. Los descriptores empleados se han tomado del *Thesaurus of Industrial Development Terms* de la ONUDI.

Los *Industrial Development Abstracts* se tramitan utilizando el paquete de programa CDS/ISIS, desarrollado por la Oficina Internacional del Trabajo (OIT) y actualmente apoyado por la Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura

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SEMINAR-WORKSHOP/STUDY TOUR IN THE DEVELOPMENT AND APPLICATION OF
TECHNOLOGY FOR MINI-HYDRO POWER GENERATION (MHC), 2ND, HAINZIMOU AND
MAMILA, 1980

Title
MICRO-HYDROELECTRIC POWER GENERATION IN PAPUA NEW GUINEA.

Project number

Source
Vienna, 1981. 9 p.

Document number
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Abstract
<UNIDO pub> on small <hydroelectric power> generation in <Papua New
Guinea> - covers (1) general background: <geography, topographic factors
(2) functions of the Electricity Commission; <economic development> (3)
the <energy> supply situation; <electric power> (4) <agricultural
products>, <fishery>, <copper> <mining>, <forestry>; state of
<industrial development>; typical products; <transport>; <education>;
plans for development and use of hydro-power.

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Libya

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- 15329 INDUSTRIAL EMERGENCY CONTINGENCY PLANNING.

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- 15172 (R) PORTUGAL DEVELOPMENT OF THE DOMESTIC FOOTWEAR INDUSTRY. TECHNICAL REPORT

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- 15179 (R) INDIA APPROPRIATE AUTOMATION PROMOTION PROGRAMME. TECHNICAL REPORT

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- 15361 (R) ASSISTANCE A LA BANQUE OUEST AFRICAINE DE DEVELOPPEMENT POUR L'IDENTIFICATION, LA PROMOTION ET L'EVALUATION DE PROJETS INDUSTRIELS. RAPPORT FINAL

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- 15302 (R) TUNISIE. L'IDENTIFICATION DES PROJETS INDUSTRIELS. RAPPORT DE MISSION
15361 (R) ASSISTANCE A LA BANQUE OUEST AFRICAINE DE DEVELOPPEMENT POUR L'IDENTIFICATION, LA PROMOTION ET L'EVALUATION DE PROJETS INDUSTRIELS. RAPPORT FINAL

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- 15347 (R) PROMOTION OF THE MULTIPURPOSE APPROACH TO THE MANUFACTURE OF AGRICULTURAL MACHINERY AND OTHER CAPITAL GOODS. REPORT ON IRRIGATION PUMPING

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- 15143 INDIA. TECHNICAL ASSISTANCE IN WORSTED SPINNING AND QUALITY CONTROL. TECHNICAL REPORT
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15193 (R) KENYA. MICROCOMPUTER APPLICATION IN THE LEATHER QUALITY CONTROL LABORATORY AT KIRDI. TECHNICAL REPORT.
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(R) EL SALVADOR. CONTROL Y CERTIFICACION DE CALIDAD PARA
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15225 RECUPERATION DE PHOSPHATE DANS LES REJETS FINS DES
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15300 RICE BRAN OIL REFINING TECHNOLOGY.

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15203 (R) MADAGASCAR. ENERGIES NOUVELLES ET RENOUELABLES.
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15296 (R) CHINA. TECHNIQUES OF DIRECT COAL LIQUEFACTION. PHASE
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15171 (R) CHINA ASSISTANCE TO THE DESIGN INSTITUTE OF THE RUBBER INDUSTRY. TECHNICAL REPORT.
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15196 (R) AFRIQUE ETUDE ET PROPOSITIONS PORTANT SUR LE RENFORCEMENT DES STRUCTURES ET ACTIVITES DE LA CEPGL EN MATIERE DE PLANIFICATION ET DE PROMOTION DU DEVELOPPEMENT INDUSTRIEL INTEGRE DES PAYS MEMBRES RAPPORT TECHNIQUE

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15135 (R) SAUDI ARABIA. A COMPUTERIZED INDUSTRIAL DATA BANK (MOIEDAB) FOR THE MINISTRY OF INDUSTRY AND ELECTRICITY
15293 (R) SAUDI ARABIA. TECHNICAL ASSISTANCE FOR DOWNSTREAM PETROCHEMICAL INDUSTRIES. INTERIM REPORT.

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15380 (R) VISIT TO DEVELOPING COUNTRIES REGARDING A NORWAY/UNIDO MEETING ON OFFSHORE DRILLING SUPPORT INDUSTRIES. REPORT

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15207 (R) SENEGAL. ENTRETIEN DU MATERIEL D'IRRIGATION ET DE CULTURE DANS LA VALLEE DU FLEUVE SENEGAL. RAPPORT DE LA MISSION DE REFORMULATION DU PROJET.
15271 (R) SENEGAL. RAPPORT TECHNIQUE: INDUSTRIES MECANQUES ET METALLURGIQUES.

- 15323 (R) SENEGAL. FINANCEMENT ET PROMOTION DE LA PETITE ET MOYENNE ENTREPRISE RAPPORT TECHNIQUE.
- 15390 (R) SENEGAL ETUDE SECTORIELLE RELATIVE A L'INDUSTRIE CHIMIQUE RAPPORT TECHNIQUE
- 15398 (R) SENEGAL. PROGRAMME D'ACTION POUR LE DEVELOPPEMENT DE L'INDUSTRIE AGRO-ALIMENTAIRE. RAPPORT TECHNIQUE.

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- 15153 THE LEATHER SHOE INDUSTRY IN SWEDEN: STRUCTURAL CHANGE
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- 15188 PROMOTION OF EXPORT ORIENTED SMALL SCALE INDUSTRIES IN DEVELOPING COUNTRIES
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- 152DB (R) CAMEROON. ASSISTANCE C A P M.E RENFORCEMENT DE L'ATELIER DE BASSA-DOUALA RAPPORT FINAL
- 15252 (R) RP CONGO. ASSISTANCE AU DEVELOPPEMENT DES PETITES ET MOYENNES ENTREPRISES RAPPORT DE MISSION
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- 15289 (R) POLICIES AND STRATEGIES FOR SMALL SCALE INDUSTRY DEVELOPMENT IN THE ASIAN AND THE PACIFIC REGION
- 15291 (R) REPUBLIC OF KOREA COMMERCIALIZATION OF R&D RESULTS WITH PARTICULAR REFERENCE TO THE SMALL AND MEDIUM INDUSTRY SECTOR.
- 15318 (R) INDONESIA. A STUDY OF SMALL SCALE INDUSTRY COOPERATIVES IN JAVA.
- 15323 (R) SENEGAL. FINANCEMENT ET PROMOTION DE LA PETITE ET MOYENNE ENTREPRISE RAPPORT TECHNIQUE.

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- 15280 STRUCTURAL DETERMINANTS OF SOUTH-SOUTH TRADE EXPANSION.

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15199 (R) DPR KOREA ASSISTANCE TO OVERCOME PRODUCTION QUALITY
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- LES MINI-ACIERIES. UNE ANALYSE DE LEURS PRINCIPALES
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15202 FINLAND IN THE CHANGING INTERNATIONAL DIVISION OF LABOUR.

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- 15270 (R) CHINA. TECHNICAL REPORT. SUGAR REFINING TECHNOLOGY
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- 15385 (R) INDIA. INVESTIGATIONS TO PRODUCE ELEMENTAL SULPHUR
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- 15382 (R) INDIA. STUDY ON THE ROASTING OF AMJHORE PYRITES AND
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- 15301 (R) NIGER. GESTION DE CONFISERIE. RAPPORT TECHNIQUE.
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- 15204 SOLIDARITY MINISTERIAL MEETING FOR CO-OPERATION IN THE INDUSTRIAL DEVELOPMENT OF THE PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN. PROJECT PROFILES.

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15338 CHANGEMENTS TECHNOLOGIQUES. TRANSFERTS ET RESSOURCES HUMAINES DANS LES PAYS EN DEVELOPPEMENT

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- 15291 (R) REPUBLIC OF KOREA. COMMERCIALIZATION OF R&D RESULTS WITH PARTICULAR REFERENCE TO THE SMALL AND MEDIUM INDUSTRY SECTOR

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- 15114 INDUSTRY AND DEVELOPMENT NO 15
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 15370 (R) THAILAND: A FRAMEWORK FOR TECHNICAL ASSISTANCE PROGRAMMING IN INDUSTRY WORKING PAPER

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- 15141 TRADITIONAL HOUSING DESIGNS IN THAILAND
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- 15191 (R) INDIA POWER TRANSMITTER DEVICES FOR TRANSPORTATION EQUIPMENT TECHNICAL REPORT

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- 15146 INDIA POWER SEMICONDUCTOR DEVICES FOR TRANSPORTATION EQUIPMENT (PART II) TECHNICAL REPORT
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- 15303 (R) NIGER TRANSFORMATION DE FRUITS TROPICAUX RAPPORT TECHNIQUE

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- 15302 (R) TUNISIE L'IDENTIFICATION DES PROJETS INDUSTRIELS RAPPORT DE MISSION
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- RAPPORT FINAL. (REUNION DE PROMOTION INDUSTRIELLE EN AFRIQUE DE L'OUEST DANS LE CADRE DE LA IDDA).
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- 1521B REPORT (EXPERT GROUP MEETING ON WOMEN IN AGRO-INDUSTRIES).
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- 1525B WOMEN AND THE GROWTH OF AGRO-INDUSTRIES IN DEVELOPING COUNTRIES

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- 15180 (R) PHILIPPINES. TRAINING COURSE ON COCONUT WOOD BUILDING. MISSION REPORT.
- 15209 MADAGASCAR. RAPPORT TECHNIQUE. MATERIAUX DE CONSTRUCTION A BASE DE BOIS.
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- 15349 (R) ECUADOR. APOYO A REHABILITACION DE PUENTES EN AREAS DECLARADAS EN EMERGENCIA. INFORME FINAL.
- 15353 (R) CHILE. DESARROLLO DE PUENTES MODULARES DE MADERA. INFORME DE AVANCE Y RECOMENDACIONES.
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UC/ALG/85/062

Vienna, 1985. 56 p. tables, graphs.

UNIDO-UNIDO/10/R.199

<UNIDO pub>. <Expert report> on <industrial project>s regarding
<pharmaceutical industry> in <Algeria> - covers (1) present
<market> conditions, providing <projection>s for the evolution of
<domestic consumption> of <pharmaceuticals> to the year 2005 (2)
<economic aspects> and <financial aspects> and evaluation of the
planned creation of new <factory>s and <production capacity>s (3)
<investment>, <costs>, <amortization>, <prices>, <profitability>
<Statistics>. <Restricted>

FREN

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Nestvold, Magne

UNIDO

(R) NIGER. LE SECTEUR DE L'INDUSTRIE DU CUIR ET DES PRODUITS EN CUIR

RP/RAF/85/610

Vienna, 1985. 35 p. tables

....

<UNIDO pub>. <Expert report> on development of <leather industry>
in <Niger> - covers (1) the present situation of the sector
<livestock>, <hides and skins>, <tanning>, production of <shoes>
and other <leather goods> (2) problems of relevance to development
of this sector. <Recommendations>, <statistics>, summary of
proposed <project document>. Additional references: <slaughtering>,
<pilot plant>, <export>, <prices> <Restricted>

FREN

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15103

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Vukovic, Tomislav

UNIDO

(R) PDR YEMEN. TECHNICAL REPORT: EVALUATION OF TECHNO-ECONOMIC STUDY
ON VIABILITY OF PROCESSING OF WOOL SHEEPSKINS

UD/PDY/79/140

Vienna, 1986. 14 p. diagram.

....

<UNIDO pub>. <Expert report> evaluating a study on the viability of
processing <sheep> <hides and skins> in <Yemen PDR> (reference
<wool>) - covers (1) information concerning <tanning> <factory> in
Aden (2) suggestions regarding facilities required for processing
200 pieces of wool sheepskins per day; <machinery> needed; <factory>

layout>; process after tanning; <equipment costs>, <training>
needs. Conclusions, <diagram>, <Restricted>.

ENGL
32.40

15104 1985

UNIDO

THE ECONOMIC USE OF ALUMINIUM. DEVELOPMENT AND TRANSFER OF TECHNOLOGY
SERIES, NO. 21.

Vienna, 1985. 67 p. tables, graphs.

UNIDO-ID/324

<UNIDO pub> on the economic use of <aluminium> - covers (1) world
use of structural materials; <trends> in <world production> and
<world consumption>; <pricing> (2) use of aluminium in new
applications (3) promoting its use; <research and development>;
<product development> (4) aluminium applications in: <electrical
engineering>; manufacture of <silos>, storage tanks and <transport
containers>, <food industry>; <heating> equipment (5) product
development, <standardization>, <handbooks>, <regulations>. Based
on experience in <Hungary> <Statistics>, <bibliography>s. Based
Additional references: <bauxite>, <building materials>,
<investment>costs, <aluminium foil>, <energy saving>.

ENGL
36 10

15105 1985

Orshan, Jehuda

UNIDO

SMALL/MEDIUM MULTIPURPOSE FRUIT AND VEGETABLE PROCESSING PLANTS

Vienna, 1985. 93 p. tables, diagram.

UNIDO-UNIDO/IS/INQ 4

<UNIDO pub> on small and medium multipurpose <fruit> and
<vegetables> processing plants for <developing countries>
(reference <food technology>) - covers (1) concepts of
"multipurpose", "single purpose", and "specialized" processing
equipment; principal <raw material>s and processed products;
justification of multipurpose plants (2) characteristics of
relevant <small scale industry> and <medium scale industry> (3)
mathematical and graphical presentation of the concept (4) elements
and methods of <planning> (5) <case study>s of plants for
processing (a) paw-paw and <mangos> pulps (b) concentrated
<pineapples> and passion <fruit juice>s. Tables, <flow chart>s,
<bibliography>s. Additional references: <agro-industry>, <tropical
fruit>.

ENGL
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15106 1985

UNIDO

FORUM ON THE INVOLVEMENT OF NGOs IN THE IMPLEMENTATION OF THE
PROGRAMME FOR THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA, ABIDJAN,
IVORY COAST, 1985

REPORT. (FORUM REGARDING THE ROLE OF NGOs IN THE INDUSTRIAL
DEVELOPMENT DECADE FOR AFRICA).

- RAPPORT. (FORUM SUR LA PARTICIPATION DES ONGs A LA MISE EN OEUVRE DU PROGRAMME POUR LA IDDA.)

Vienna, 1985 38 p.

UNIDO-ID/WG 444/6

<UNIDO pub>. <Report> of a <meeting> on the role of <nongovernmental organizations> in the <industrial development> decade (IDDA) of <Africa> - covers background and purpose of the meeting; discusses the IDDA programme and the <role of UNIDO> in relevant <technical assistance> (2) summarizes discussions concerning (a) involvement of NGOs in developing <food industry>, <agricultural machinery> industry, <building materials> industry, and <renewable energy> sources (b) debt and development in the present African context (3) identifies resources of the NGOs <Recommendations>, <agenda>, <list of participants>, <list of documents>.

ENGL FREN ARAB

14 60

15107

1985

Sinnema, Matti

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES, GAFSA, TUNISIA, 1985
MAXIMIZING THE SHARE OF DOMESTIC RAW MATERIALS IN DEVELOPING THE PHOSPHATE FERTILIZER INDUSTRY

Vienna, 1985 11 p graphs

UNIDO-ID/WG 453/2

<UNIDO pub> on use of domestic raw materials in developing <phosphate> <fertilizer industry> - covers (1) required <raw material>s; raw material <costs> for TSP, DAP, and NPK fertilizer production (2) basis of process comparison, <choice of technology>; cost calculations (3) need for raw material <import substitution>; maximizing <domestic content> (4) the case of countries with domestic phosphate and <potash> resources <Statistics> Additional reference: <economic aspects>.

ENGL

35 30

15108

1985

Tanke, Marcel A.

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES, GAFSA, TUNISIA, 1985
PRODUCTION COST COMPARISON BETWEEN NITROPHOSPHATE AND PHOSPHORIC ACID BASED FERTILIZERS.

Vienna, 1985. 8 p. tables, graphs, diagram.

UNIDO-ID/WG.453/3

<UNIDO pub> comparing <production costs> of nitrophosphate and <phosphoric acid> based <fertilizer>s - covers an improved variant of the nitrophosphate process showing a cost advantage over the phosphoric acid based products. Based on experience of an enterprise in the <Netherlands>. <Statistics>, <flow chart>.

ENGL

35 30

15109

1985

Harris, Gene

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985
WORLD PHOSPHATE FERTILIZER SUPPLY/DEMAND TRENDS

Vienna, 1985 11 p tables, graphs

UNIDO-ID/WG 453/4

<UNIDO pub> on <trend>s in <global level> <phosphate> <fertilizer> <supply and demand> - covers (1) <world production> and <world consumption>, giving figures for 1974 and 1984 (2) top ten producers, consumers and traders, <prices>, <projection>s for <production capacity>s to 1990, supply and demand outlook <Statistics>, <bibliography>

ENGL

35 30

15110

1985

Kuwabara, Makoto

Pastorino, Hector F

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985

RESEARCH AND DEVELOPMENT FOR PHOSPHATE RECOVERY AND PHOSPHATE

FERTILIZER PRODUCTION FROM IRON ORE CONCENTRATION TAILS AT SIERRA GRANDE, ARGENTINA

Vienna, 1985 9 p

UNIDO-ID/WG 453/5

<UNIDO pub> on <phosphate> <fertilizer> production from <iron ore> concentration tails in <Argentina> - covers (1) <agriculture> and <fertilizer use in the country>, the problem phosphate scarcity (2) phosphate <recovery> from wastes of an iron ore concentration plant at Sierra Grande, results of <testing> indicating the feasibility of <waste utilization> at phosphate rock concentration plant with a view to subsequent phosphate fertilizer production (3) <financial aspects>, <economic aspects>

ENGL

35 30

15111

1985

Jain, B K

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985

OPTIMISTIC RESOURCES FOR THE DEVELOPMENT OF INDIAN PHOSPHATE FERTILIZER INDUSTRY

Vienna, 1985 9 p tables

UNIDO-ID/WG 453/6

<UNIDO pub> on development of <phosphate> <fertilizer industry> in <India> - covers (1) background of agriculture, fertilizer needs and production (2) existing factories, product pattern, <production capacity>s (3) resource optimization, rock phosphate deposits, possible supplies of sulphur from pyrite reserves, <sulphuric acid> plants (4) growth strategy (5) tasks ahead <Statistics>. Additional references <pollution control>, <recycling>

ENGL

35 30

15112

1985

Isherwood, K.F.

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985
THE SUPPLY AND DEMAND OUTLOOK FOR PHOSPHORIC ACID IN FERTILIZERS.

Vienna, 1985 9 p. tables

UNIDO-ID/WG 453/10

<UNIDO pub> on <supply and demand> for <phosphoric acid> in <fertilizer>s - covers (1) past trends and <global level> prospects, <regional> data and <projection>s; data on present and potential <production capacity>s (2) <methodology> used by the International <Fertilizer Industry> Association (IFA) for correlating data on phosphoric acid and <phosphate> fertilizer (3) critical assessment of IFA <survey> results, <forecast>s <Statistics>

ENGL

35 30

15113

1985

UNIDO

DAU

ECA

ECOWAS

SUBREGIONAL FOLLOW-UP MEETING ON THE INITIAL INTEGRATED INDUSTRIAL PROMOTION PROGRAMME WITHIN THE FRAMEWORK OF THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA, LOME, TOGO, 1985

FINAL REPORT. (MEETING ON INDUSTRIAL PROMOTION IN WEST AFRICA WITHIN THE FRAMEWORK OF THE IDDA)

- RAPPORT FINAL. (REUNION DE PROMOTION INDUSTRIELLE EN AFRIQUE DE L'OUEST DANS LE CADRE DE LA IDDA).

Vienna, 1985 35 p

UNIDO-ID/WG.455/4

<UNIDO pub> <Report> of a <meeting> on an <industrial promotion> programme for <West Africa> within the framework of IDDA - covers (1) background of a meeting intended to propose adjustment of previous programmes to meet current needs and priorities of the subregion and to indicate relevant <industrial policy> measures required (2) review of the progress of <project implementation> (3) revision of the initial integrated industrial promotion programme (4) modalities for accelerating implementation of the revised programme at the <national level> and <regional level>. <List of participants>, <agenda>. Additional references. <regional cooperation>, <institutional framework>.

ENGL FREN

14 70

15114

1985

Doger, Saadet

Eisenbrand, Lynn

Sen, Somnath

Silver, M.S.

UNIDO

INDUSTRY AND DEVELOPMENT. NO. 15.

New York, UN, 1985. 130 p. tables, graphs.

UNIDO-ID/SER.M/15

UN-E.85.II.B.7

<UNIDO pub> containing articles on (1) <technology transfer> and <armaments> production in <developing countries> (2) <centralization>, <industrial concentration> and the growth of the para-<public sector> in the <manufacturing> industry of <Tanzania> (3) growth and implications of counter-<trade> in manufactures and other products (4) <industrialization> and <employment> generation in <service industry>s of DCs (5) statistical review of manufacturing industry and value added on the <global level> for 1984 <Bibliography>s, <statistics>.

ENGL

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1986

UNIDO

DAU

ECA

UDEAC

SUBREGIONAL FOLLOW-UP MEETING ON THE INITIAL INTEGRATED INDUSTRIAL PROMOTION PROGRAMME WITHIN THE FRAMEWORK OF THE INDUSTRIAL DEVELOPMENT DECADE OF AFRICA. BUJUMBURA, BURUNDI, 1986

FINAL REPORT. (MEETING ON INDUSTRIAL PROMOTION IN CENTRAL AFRICA WITHIN THE FRAMEWORK OF THE IDDA)

- RAPPORT FINAL (REUNION DE PROMOTION INDUSTRIELLE DANS LE CADRE DE LA IDDA).

Vienna, 1986. 26 p.

UNIDO-ID/WG.456/4

<UNIDO pub>. <Report> of a <meeting> on an <industrial promotion> programme for Central <Africa> within the framework of IDDA - covers (1) background of a meeting intended to propose adjustment of previous programmes to meet current needs and priorities of the subregion and to indicate relevant <industrial policy> measures required (2) review of the progress of <project implementation> (3) revision of the initial integrated industrial promotion programme (4) modalities for accelerating implementation of the revised programme at the <national level> and <regional level>. <List of participants>, <agenda>. Additional references: <regional cooperation>, <institutional framework>.

ENGL

14.70

15116

1985

UNIDO

DEMONSTRATION WORKSHOP ON LABORATORY AND PILOT SCALE BAUXITE PROCESSING, KINGSTON, JAMAICA, 1985

REPORT (WORKSHOP ON BAUXITE PROCESSING).

Vienna, 1985. 40 p. graphs, diagram.

UNIDO-ID/WG.446/7

<UNIDO pub>. <Report> of a <meeting> for <training> in <bauxite> processing held at a <development centre> in <Jamaica> - (1)

covers: functions of the Jamaica Bauxite Institute (JBI); organization of the demonstration workshop (2) gives abstracts of technical papers presented (3) describes the capabilities and operations of the JBI's <alumina> <pilot plant> and <laboratory>s. <Recommendations>, <list of participants>, <agenda>, draft <project document>, <statistics>, <flow chart>s. Additional references: <testing>, <research and development>.

ENGL
36 20

15117 1985

Emrich, Walter

UNIDO

(R) ZAIRE CHARBON DE BOIS RAPPORT FINAL.

DP/ZA1/B1/015

Vienna, 1985. 61 p. tables, diagram.

UNIDO-DP/ID/SER B/515

<UNIDO pub> <Final report> on the feasibility of producing <charcoal> in <Zaire> - (1) evaluates a relevant feasibility study and describes background of the project (2) considers <raw material> supply, charcoal <briquettes> production, <power supply>, <employment> aspects and <capital costs> (3) annexes texts of agreements. Conclusions, <diagram>. Additional references <forestry>, <forest products>, <environment>, <economic aspects>, <financial aspects>. <Restricted>

ENGL
34 30

15118 1985

Mueller, Tomas

UNIDO

(R) CHARACTERISTICS OF THE MODEL MEDEE-S AND ITS CORRESPONDENCE IN THE INDUSTRY SECTOR TO THE DATA AVAILABILITY IN AFRICAN COUNTRIES

Vienna, 1985. 48 p. tables.

<UNIDO pub> <Expert report> regarding <models> (MEDEE-S) for <forecasting> sectoral <energy> <demand> and their application in countries of <Africa> differing in the degree of industrialization - covers (1) characteristics and structure of the MEDEE-S model (2) the <industrial sector> of MEDEE-S, the basic module, the module for <iron and steel industry>, the large energy consumer module (3) relevant <information systems> of African countries. Conclusions, <statistics>, <bibliography>, equations, list of variables. Additional references <econometrics>, <energy economics>. <Restricted>

ENGL
34 10

15119 1985

UNIDO

MEETING OF THE ADVISORY PANEL ON PREVENTIVE MEDICINE, 3RD, BILTHOVEN, NETHERLANDS, 1985

REPORT. (MEETING ON PREVENTIVE MEDICINE).

Vienna, 1985. 18 p.

UNIDO-UNIDO/IO 624

<UNIDO pub> <Report> on a <meeting> regarding preventive medicine, with special reference to production of <vaccines> in <developing countries> - (1) reviews progress of UNIDO's programme for production of biologicals (2) summarizes discussions dealing with (a) <health> issues, assistance to <pharmaceutical industry>s and <immunization> programmes (b) projects related to <Africa>. <Recommendations>, <agenda>, <list of participants>. Additional reference <role of UNIDO>

ENGL
35 60

15120
UNIDO

1986

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 10TH, CAIRO, 1985
REPORT (MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES)

- RAPPORT (REUNION DES DIRECTEURS DES SERVICES D'ENREGISTREMENT DES TRANSFERTS DE TECHNIQUES)
- INFORME (REUNION DE JEFES DE OFICINAS DE REGISTRO DE TRANSFERENCIA DE TECNOLOGIA)

Vienna, 1986 31 p
UNIDO-ID/WG 454/6

<UNIDO pub> <Report> of a <meeting> of heads of <technology transfer> registries - (1) concerns progress achieved in co-operative activities since the ninth meeting in 1984 (2) summarizes discussions regarding (a) computerized <information exchange>, <regional> information exchange, and <trends> and issues in specific <contractual arrangements> (3) covers technology transfer experience in <Egypt> <List of participants>, <list of documents>, <agenda>, <glossary>, <recommendations> Additional references: <TIES>, <computer programmes>

ENGL FREN SPAN
24 30

15121
UNIDO
UDEAC

1985

SUBREGIONAL FOLLOW-UP MEETING ON THE INITIAL INTEGRATED INDUSTRIAL PROMOTION PROGRAMME WITHIN THE FRAMEWORK OF THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA, BUJUMBURA, BURUNDI, 1986

REVISED INTEGRATED INDUSTRIAL PROMOTION PROGRAMME FOR THE CENTRAL AFRICAN SUBREGION

- PROGRAMME REVISE POUR LA PROMOTION INDUSTRIELLE DE LA SOUS-REGION DE L'AFRIQUE CENTRALE

Vienna, 1986 11, 78 p. tables
UNIDO-ID/WG 456/3/Rev 1

<UNIDO pub> on an integrated <industrial promotion> programme for the Central <Africa>n region - covers (1) <regional cooperation>, <industrialization policy>s, the <institutional framework>, the IDDA (2) the integrated promotion programme; priority subsectors; supporting <infrastructure> (3) assessment of <project implementation> under the initial programme (4) proposals for revision (5) strategy for accelerating implementation at the <national level> and the <regional level>, <financing> aspects; the <role of UNIDO>, <ECA>, <CACEU> and other organizations. Annexes (a) information on <project selection>, implementation status (b)

project profiles.
ENGL FREN
14.70

15122

1985

Brightman, J.

UNIDO

CONSULTATION ON THE PETROCHEMICAL INDUSTRY, 3RD, VIENNA, 1985
INTERNATIONAL TRADE AND THE MARKETING OF PETROCHEMICALS.

- ECHANGES ET COMMERCIALISATION DES PRODUITS PETROCHIMIQUES A
L'ECHOLON INTERNATIONAL.

- COMERCIO INTERNACIONAL Y COMERCIALIZACION DE PRODUCTOS PETROQUIMICOS.
Vienna, 1985. 87 p. tables, graphs.

UNIDO-UNIDO/PC.128

<UNIDO pub> on <trade> in the field of <petrochemicals> - covers
(1) the role of <chemicals> and petrochemicals in world trade (2)
the organization of petrochemicals <market>s; market and
organizational integration; <technology>; situation of the <USA>,
<Western Europe> and <Japan> (3) factors affecting future <trend>s;
<production costs>, reduced <demand>, <excess capacity>, new
producers, <trade barriers>, new forms of trade (4) obstacles and
prospects for new producers from <developing countries>.
<Statistics>. Additional references: <structural change>,
<cooperation>, <North-South>, <South-South>, <pricing>.

ENGL FREN SPAN

35.10

15123

1985

Judet, Pierre

UNIDO

CONSULTATION ON THE IRON AND STEEL INDUSTRY, 4TH, VIENNA, 1986

LA CRISE DE LA SIDERURGIE MONDIALE ET SES CONSEQUENCES SUR LE
DEVELOPPEMENT DE CE SECTEUR DANS LES PAYS EN DEVELOPPEMENT.

- THE WORLD CRISIS OF THE IRON AND STEEL INDUSTRY AND ITS IMPACT IN
THE DEVELOPMENT OF THIS INDUSTRY IN DEVELOPING COUNTRIES.

Vienna, 1985. 56 p. tables.

UNIDO-ID/WG.458/3

<UNIDO pub> on the world crisis of the <iron and steel industry>
and its impact on development of the industry in <developing
countries> - (1) describes the crisis as manifested in <developed
countries> and in DCs (2) covers (a) consequences of the crisis,
considering <structural change>, <protectionism> and <technological
change> (b) factors at work (c) world <trade> flows; major
<market>s; <South-South> relationships (d) the actors in the
industry: states and <transnational corporations> (e) problems
posed by more integrated development between the industry and
<capital goods> industry; <research> indicated. <Statistics>.
Additional references: <investment>, <direct reduction>, <second
hand equipment>.

FREN ENGL

36.10

15124

1985

UNIDO

CONSULTATION ON THE IRON AND STEEL INDUSTRY, 4TH, VIENNA, 1986
MINI-STEEL PLANTS: AN ANALYSIS OF THEIR MAIN CHARACTERISTICS AND LEVEL
OF INTEGRATION AND THE POSSIBILITIES FOR CO-OPERATION.

- LES MINI-ACIERIES: UNE ANALYSE DE LEURS PRINCIPALES
CARACTERISTIQUES, DE LEUR NIVEAU D'INTEGRATION ET DES POSSIBILITES
DE COOPERATION.
- MINIACERIAS: ANALISIS DE SUS PRINCIPALES CARACTERISTICAS Y NIVEL DE
INTEGRACION Y DE LAS POSIBILIDADES DE COOPERACION

Vienna, 1985. 81 p. tables, diagram.

UNIDO-ID/WG.458/4

<UNIDO pub> on mini-<steel> plants - covers (1) <definition> of
such plants as <small scale industry>s mostly using an electric arc
<furnace> for producing steel from <metal scrap> and/or directly
reduced <iron> with a <casting> operation (2) <advantages and
characteristics of mini plants: <raw material>s and <energy> used
(3) integration of mini-steel plants with other industrial sectors
(4) motivating factors for their establishment, <location of
industry> and <choice of technology> (5) problems encountered;
areas of success, relevance of experience for <developing
countries>, <training programmes>; <technical assistance> and
<cooperation>. <Statistics>.

ENGL FREN SPAN

36 20

15125 1986

Colwell, Rita R.

UNIDO

MARINE BIOTECHNOLOGY AND THE DEVELOPING COUNTRIES

Vienna, 1986. 25 p.

UNIDO-UNIDO/IS.593

<UNIDO pub>. <Expert report> on marine <biotechnology> and the
<developing countries> (reference: <sea>) - covers (1)
<aquaculture>; experience, main products of <fish> and <shellfish>;
<development potential> (2) <vaccines> production (3) marine
<pharmaceuticals> (4) marine toxins (5) industrial <chemicals> (6)
need to promote biodegradation of man-made compounds in the marine
<environment> in order to reduce <marine pollution> and increase
<product safety> of fish (7) plan of action for <island> and
riparian DCs; suggestions regarding <role of UNIDO>. <Bibliography>.

ENGL

35 50

15126 1985

Muenz, Walter O.

UNIDO

(R) ALGERIA. THE QUESTION OF MAINTENANCE IN THE NATIONAL
PHARMACEUTICAL INDUSTRY. TECHNICAL REPORT.

UC/ALG/85/062

Vienna, 1985. 99 p. diagrams, tables, illus.

UNIDO-UNIDO/IO/R.203

<UNIDO pub>. <Expert report> on <maintenance and repair> in the
<pharmaceutical industry> in <Algeria> - covers (1) the present
situation of maintenance in four <factory>s (2) a central
<workshop> for preventive maintenance (3) <organizational aspects>
and <staff> requirements for the coming years (4) the concept of
maintenance (5) manufacturing <spare parts> (6) <education> and

<training> of staff. <Factory layout>s, <equipment> lists, charts, illustrations. Additional references: <stock>s, <storage>, <data recording>, <supply>. <Restricted>.

ENGL
35 60

15127 1986

Hegedues, L
Lendvai, N
Szabo, S
UNIDO

(R) ETHIOPIA. PROGRAMME FOR PRODUCTION OF VACCINES TECHNICAL REPORT.
UC/RAF/83/088

Vienna, 1986 36 p tables, diagram

UNIDO-UNIDO/10/R 214

<UNIDO pub> <Expert report> regarding production of <vaccines> in <Ethiopia> - (1) covers steps required to implement production of vaccines to be used in <immunization> programme against diphtheria and tetanus, possible building facilities for the production unit; installation of <equipment> (2) gives information on <health> projects, morbidity, various vaccines, <quality control>, and the work of <laboratory>s and a <research centre> <Recommendations>, <statistics>, <factory layout> <Restricted>

ENGL
35 60

15128 1985

Judet, Pierre
UNIDO

CONSULTATION ON THE IRON AND STEEL INDUSTRY, 4TH, VIENNA, 1986

LE DEVELOPPEMENT INTEGRE DE LA SIDERURGIE ET DE L'INDUSTRIE DE BIENS
D'EQUIPEMENT DANS LES PAYS EN DEVELOPPEMENT.

- THE INTEGRATED DEVELOPMENT OF THE IRON AND STEEL INDUSTRY AND THE
CAPITAL GOODS SECTORS IN DEVELOPING COUNTRIES.

Vienna, 1985 49 p tables.

UNIDO-ID/WG.458/5

<UNIDO pub> on integrated development of <iron and steel industry> and <capital goods> industry in <developing countries> - covers (1) historical background (2) relevant developments in the DCs; <technological change> affecting both industries; <economic aspects> (3) <choice of product>s in <iron> and <steel> relating to choice of capital goods to be produced (4) a proposed typology of DCs based on their respective situations; criteria and <classification> (5) problems and conditions for more integrated approach, indicated <research programmes>. <Statistics>

FR ENGL
36 10

15129 1985

Samaragpungavan, S.
UNIDO

CONSULTATION ON THE IRON AND STEEL INDUSTRY, 4TH, VIENNA, 1986

INTEGRATED DEVELOPMENT OF THE STEEL INDUSTRY, PARTICULARLY MINI-STEEL,
LINKED TO CAPITAL GOODS AND AGRICULTURAL MACHINERY.

- LE DEVELOPPEMENT INTEGRE DE L'INDUSTRIE SIDERURGIQUE ET NOTAMMENT DES MINI-ACIERIES PRODUCTRICES DE BIENS D'EQUIPEMENT ET D'OUTILLAGES AGRICOLES.

- DESARROLLO INTEGRADO DE LA INDUSTRIA SIDERURGICA. EN PARTICULAR LAS MINIACERIAS VINCULADAS CON BIENES DE CAPITAL Y MAQUINARIA AGRICOLA

Vienna, 1985 69 p. tables, diagrams

UNIDO-ID/WG 45B/7

<UNIDO pub> on integrated development of <steel> industry and the <capital goods> and <agricultural machinery> industries - covers (1) experience in various countries (2) a basic approach to integrated development of a national <iron and steel industry> on a modest scale for those <developing countries> which are well endowed with resources for traditional processes (3) <choice of technology>, linkages to other sectors (4) problems of integrated development, the role of national institutions, the <role of UNIDO> <Statistics>. Additional references <iron ore>, <charcoal>, <skills>, <knowhow>, <capital investment>, <energy saving>

ENGL FREN SPAN

36 10

15130

1985

Ndilela, Daniel B

UNIDO

CONSULTATION ON THE IRON AND STEEL INDUSTRY, 4TH, VIENNA, 1986
PROSPECTS OF AN INTEGRATED DEVELOPMENT IN THE IRON AND STEEL INDUSTRY AND CAPITAL GOODS EAST AND SOUTHERN AFRICAN COUNTRIES

- PERSPECTIVES DE DEVELOPPEMENT INTEGRE DE LA SIDERURGIE ET DE L'INDUSTRIE DES BIENS D'EQUIPEMENT PAYS D'AFRIQUE DU SUD ET DE L'EST
- PERSPECTIVAS PARA UN DESARROLLO INTEGRADO DE LA INDUSTRIA SIDERURGICA Y DE BIENES DE CAPITAL PAISES DEL AFRICA ORIENTAL Y MERIDIONAL.

Vienna, 1985 54 p. tables, diagram

UNIDO-ID/WG 45B/8

<UNIDO pub> on prospects of an integrated development of <iron and steel industry> and <capital goods> sectors in <East Africa> and <South>ern <Africa>n countries - covers (1) <iron> and <steel> production in the region (2) the <market> and <demand> patterns (3) the capital goods sector in <Zimbabwe> and other countries (4) <planning> and co-ordination aspects, <regional cooperation>, <Statistics>, <flow chart>.

ENGL FREN SPAN

36 10

15131

1986

Hegedues, L.

Lendvai, N.

Szabo, S.

UNIDO

(R) TANZANIA PROGRAMME FOR PRODUCTION OF VACCINES TECHNICAL REPORT.
UC/RAF/83/088

Vienna, 1986 24 p. tables, diagram.

UNIDO-UNIDO/IO/R.215

<UNIDO pub>. <Expert report> regarding production of <vaccines> in <Tanzania> - covers (1) background information; <health services>, communicable diseases; <immunization> needs (2) main indicators for

rehabilitation of a vaccine plant at Dar es Salaam; its existing facilities and <equipment>; further requirements for restarting production of vaccines for prevention of TB, diphtheria and tetanus (3) remodelling of <laboratory>s; <training> needs; <quality control>; <financial aspects>; <Recommendations>; <statistics>; <factory layout>; <Restricted>.

ENGL
35.60

15132 1985
UNIDO

(R) ALGERIA. ESTABLISHMENT OF FACILITIES AND TRANSFER OF TECHNOLOGY FOR THE PRODUCTION OF INTRAVENOUS FLUIDS. TECHNICAL REPORT.
UC/ALG/85/062

Vienna, 1985. 20 p. tables, diagram.

UNIDO-UNIDO/IO/R 210

<UNIDO pub> <Expert report> on setting up production of intravenous fluids by <pharmaceutical industry> in <Algeria> - covers (1) technical and <economic aspects> of establishing a plant for such production (2) <choice of product>s, selection of <containers>; <technology transfer>; selection of <equipment>; <training>; <capital costs>; <staff> requirements <Statistics>; <factory layout>, equipment list <Restricted>.

ENGL
35.60

15133 1985
UNIDO

(R) INFORMATION SURVEY FOR A STUDY OF THE PRESENT AND FUTURE ENERGY SITUATION IN AFRICA AND ITS IMPLICATIONS FOR INDUSTRIAL DEVELOPMENT.
Vienna, 1985. 56 p. tables, graphs.

.....

<UNIDO pub>, <Expert report> regarding the <energy> situation in <Africa South of Sahara> and its implications for <industrial development> - covers (1) background of <economic development> in <Africa>; <social aspects>; the specific energy situation (2) assessment of available information for the sub-Saharan countries, with referance to <population>, economic and <industrial information>, <energy source>s and balances, etc. (3) <methodology>s for national <industrial planning> related to energy. <Recommendations>, <statistics>, <maps>, <bibliography>. Additional referances: <energy economics>, <data collecting>, <survey method>. <Restricted>.

ENGL
34.10

15134 1985
Hookins, Michael
UNIDO

(R) DO MANUFACTURING IMPORTS FROM THE SOUTH LEAD TO LOSSES IN EMPLOYMENT IN THE NORTH?

Vienna, 1985. 31 p.

.....

<UNIDO pub> regarding the impact of <North-South> <trade> flows on

<manufacturing> <employment> in six <developed countries> - covers (1) previous studies (2) a <UNIDO> study relating to <Germany FR>, <France>, <Italy>, <Japan>, <UK> and <USA>; <methodology>; aggregate results; sectoral breakdown of results; indirect employment (3) the question (a) of defining <competition> from manufacturing <export>s from the <developing countries> as a structural or as an adjustment problem (b) concerning the need for <government policy> intervention (public "pump-priming") to reduce levels of <unemployment>. <Statistics>. <Restricted>.

ENGL
16 10

15135 1985

Aman, Mohammed M.

UNIDO

(R) SAUDI ARABIA. A COMPUTERIZED INDUSTRIAL DATA BANK (MOIEDAB) FOR THE MINISTRY OF INDUSTRY AND ELECTRICITY.

Vienna, 1985. 56 p. tables, diagram.

<UNIDO pub>. <Expert report> on assistance to <electronic data processing> for <information services> of the <industrial administration> in <Saudi Arabia> - covers (1) selection of hardware, related <equipment> and appropriate <computer programmes> (2) design of the <data base>; <systems design> (3) method of evaluating and monitoring of the <information system> (4) <training> aspects. Charts, screen layouts. Additional reference: <informatics>. <Restricted>.

ENGL
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15136 1986

Buchanan, William

UNIDO

(R) TANZANIA. ACCEPTANCE TRIALS OF THE MOBILE BRICKMAKING FACILITY DELIVERED BY SIMMERING-GRAZ-PAUKER AG. TECHNICAL REPORT.

RP/URT/85/606

Vienna, 1986. 10 p.

<UNIDO pub>. <Expert report> on trials of a mobile <bricks> making <pilot plant> manufacture in <Austria> for use in <Tanzania> - covers (1) acceptance <testing> of: <diesel engines> for <power supply>; <conveying machinery>; rolls crusher, mixer, extruder, wire cutter; trailer (2) <equipment> and <spare parts> recommended for purchase. <Restricted>.

ENGL
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15137 1985

UNIDO

CHEMSERV CONSULTING, AUSTRIA

UNIDO WORKSHOP ON FERTILIZER PLANT MAINTENANCE, 8TH, LINZ, AUSTRIA

(R) FINAL REPORT ON ACTIVITIES OF THE 8TH UNIDO WORKSHOP ON FERTILIZER PLANT MAINTENANCE.

US/INT/85/070

Vienna, 1985. 5 p.

....

<UNIDO pub>. <Final report> on <training programmes> for <maintenance and repair> in the <fertilizer industry> - outlines content of training programme conducted in <Austria>, with special reference to <urea>, <phosphate>, <ammonia>, nitrate and <peat> fertilizer plants. Attaches financial statement, <list of participants>. Additional reference: <industrial safety>. <Restricted>

ENGL
35 40

15138 1985

Mack, Erwin

UNIDO

(R) IRAN. EXPLORATION OF BAUXITE AND ALUNITE. TECHNICAL REPORT.
DP/IRA/84/002

Vienna, 1985. 43 p. tables, diagrams, maps.

<UNIDO pub>. <Expert report> on the exploration of <bauxite> and alunite deposits in <Iran> - covers (1) projects for investigation and <testing> of <mineral resources> to help meet national requirements of <alumina> (2) the bauxite deposits in the regions of Ganu, Siah Rudbar, Shirin Abad and Jajarm (3) visits to alunite <ores> deposits, sampling, preliminary evaluation; needs for further assessment of quality and <economic aspects> of exploitation. <Recommendations>, <diagrams>, <maps>, <bibliography>. Additional references: <mining>, <chemical analysis>. <Restricted>.

ENGL
36 20

15139 1985

Heep, H.

UNIDO

(R) INDONESIA. ASSISTANCE IN DEVELOPMENT OF BUILDING MATERIALS FOR LOW-COST HOUSING. REPORT OF THE EVALUATION MISSION.

DP/IND/81/006

Vienna, 1985. 84 p. tables.

UNIDO-DP/ID/SER.C/2

<UNIDO pub>. <Mission report> on a project for development of <building materials> for low-cost <housing> in <Indonesia> - covers (1) project objectives and formulation; <social aspects> and <economic implications> (2) analysis of <project design> (3) <institutional framework> (4) <project implementation>; activities, inputs (5) project results. <Recommendations>, <diagrams>, <list of documents> and of project <equipment>. <Restricted>.

ENGL
33 20

15140 1985

de Groot, Adrie

UNIDO

(R) PAKISTAN. LEATHER PRODUCTS DEVELOPMENT CENTRE (LPDC). REPORT OF

THE EVALUATION MISSION.
DP/PAK/79/022
Vienna, 1985. 34 p. tables.
UNIDO-DP/ID/SER.C/3

<UNIDO pub>. <Mission report> on a project for a <leather goods> <development centre> in <Pakistan> - covers (1) project formulation; specific objectives; <social aspects>. <economic aspects> (2) <project implementation>; inputs, activities (3) project results (4) <technical assistance>. <Recommendations>. <statistics>. Additional references: <training>, <tariffs>. <incentives>. <industrial extension>. <Restricted>

ENGL
32 40

15141 1985

Limsuwan, Ekasit
UNIDO

EXPERT GROUP MEETING ON TIMBER CONSTRUCTION VIENNA, 1985
TRADITIONAL HOUSING DESIGNS IN THAILAND

Vienna, 1985. 13 p. tables, diagrams, illus
UNIDO-ID/WG 447/6

<UNIDO pub> on traditional <building design> in <Thailand>, with special reference to use of <timber> in <housing> construction - covers (1) basic requirements in <rural areas> and <urban areas> (2) current structural systems: timber house, semi-concrete, <concrete> (3) opportunities offered by modern <wood technology> and <engineering>. <Diagrams>. <bibliography>. illustrations. Additional references: <prefabricated building>. <standardization>. <tropical timber>.

ENGL
32 10

15142 1985

UNIDO

TIMBER RESEARCH AND DEVELOPMENT ASSOCIATION, UK

EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985

TIMBER SELECTION, STRENGTH GROUPING AND STRESS GRADING, FOR THE UNIDO
PRE-FABRICATED MODULAR WOODEN BRIDGE.

Vienna, 1985. 17 p. tables.

UNIDO-ID/WG.447/7

<UNIDO pub> on use of <timber> in the <prefabricated building> of <bridges> (reference: <wood echnology>) - covers (1) choice of timber: timber nomenclature availability assessment; stress <grading> (2) selection of the number of trusses required for the bridge (3) strength properties of timber (4) strength groups and stress grades (5) <classification> of <tropical timber> from <Central America>. <Bibliography>. tables.

ENGL
32 10

15143 1985

Heeley, G.A.

UNIDO

INDIA. TECHNICAL ASSISTANCE IN WORSTED SPINNING AND QUALITY CONTROL.

TECHNICAL REPORT.

DP/IND/82/006

Vienna, 1985. 152 p. tables, diagrams.

UNIDO-DP/ID/SER.A/657

<UNIDO pub>. <Expert report> on assistance in starting up a worsted <spinning> unit and establishing <quality control> procedures at Ludhiana (Punjab), <India> - (1) covers (a) activities in making the unit operational, <training> of personnel (b) <handbook>s on processing procedures, <maintenance and repair>, quality control, production <data recording>, etc. (2) appends information and lectures regarding i.a. <industrial wastes>, <process control>, materials <handling>, <yarns> manufacture, <spare parts>, <equipment output ratio>, <lubricants>, <technical assistance>. Tables, <diagram>s, <recommendations>. Additional references: <knitting> <standards>, <hosiery>, <raw material>.

ENGL

32.30

15144

1985

Mueller, M.

UNIDO

CHINA RESEARCH AND DEVELOPMENT FOR THE PRODUCTION OF PANELS FROM

BAGASSE TECHNICAL REPORT.

DP/CPR/82/005

Vienna, 1985. iv, 61 p. tables, diagrams.

UNIDO-DP/ID/SER.A/659

<UNIDO pub>. <Expert report> on assistance toward production of <particle board> from <bagasse> in <China> - covers (1) visits to a cane <sugar industry> <research centre> in Guangzhou and to some <factory>s (2) promotion of <research and development> in the technology for conversion of bagasse into agglomerated materials; state-of-the-art in particle board and <fibroboard> R&D. <Recommendations>, <job description>, <bibliography>, <diagram>s. Additional references: <wood processing>, synthetic <resins>, <adhesives>, <cane sugar>.

ENGL

32.10

15145

1985

Gouda, George R.

UNIDO

CHINA STRENGTHENING THE OPERATION OF THE CEMENT DEVELOPMENT CENTRE AT

TIANJIN. TECHNICAL REPORT.

DP/CPR/82/014

Vienna, 1985. 21 p. diagram.

UNIDO-DP/ID/SER.A/662

<UNIDO pub>. <Expert report> on assistance to a <cement> <development centre> in <China> - covers (1) <organizational aspects> of the centre; preparation of an organizational chart (2) long-term plan for strengthening the centre; setting priorities for activities to be undertaken (3) required <equipment> (4) various departments of the centre; proposed <industrial services> to the <cement industry>, including <research> and <testing> (5) suggested <training programmes>. <Recommendations>, <diagram>.

ENGL

33.20

15146

1985

Rai-Choudhury, F.

UNIDO

INDIA. POWER SEMICONDUCTOR DEVICES FOR TRANSPORTATION EQUIPMENT (PART II). TECHNICAL REPORT.

DP/IND/84/D15

Vienna, 1985. 8 p.

UNIDO-DP/ID/SER. A/663

<UNIDO pub>. <Expert report> on assistance in developing <semiconductor> devices for <transport> equipment in <India> - covers (1) design and fabrication of 100 A Darlington <transistors>; technical aspects (2) process capability for large devices (3) required materials, devices and <equipment> (4) lectures given on the theory, design and fabrication of gate turn-off thyristors (GTO), discussions. <Recommendations>.

ENGL

38 20

15147

1986

UNIDO

THE VEGETABLE OILS AND FATS INDUSTRY. THE SECTOR IN FIGURES, 1985. SECTORAL STUDIES SERIES NO. 22.

Vienna, 1986. vi, 61 p. tables.

UNIDO-UNIDO/IS 604

<UNIDO pub> giving <statistics> on the <vegetable oils> and fats industry - covers (1) <definition> of the sector and the structure of <world production> and <trade> (2) production and trade by type of crop and region for 1976, 1980 and 1984 (3) major producing and trading countries, by crop and processing stage (4) <oilseeds> processing and <production capacity>s for selected countries (5) world <export> and <import> <prices> and quantity indices for <vegetable oils and fats>.

31.70

15148

1986

UNIDO

EXPERT GROUP MEETING ON THE ESTABLISHMENT OF MULTINATIONAL PRODUCTION ENTERPRISES IN DEVELOPING COUNTRIES, VIENNA, 1985

REPORT. (MEETING ON ESTABLISHMENT OF MULTINATIONAL PRODUCTION ENTERPRISES IN DEVELOPING COUNTRIES).

- INFORME. (REUNION SOBRE EL ESTABLECIMIENTO DE EMPRESAS MULTINACIONALES EN LOS PAISES EN DESARROLLO).

- RAPPORT. (REUNION SUR LA CREATION D'ENTREPRISES DE PRODUCTION MULTINATIONALES DANS LES PAYS EN DEVELOPPEMENT).

Vienna, 1986. 18 p.

UNIDO-UNIDO/PC.133

<UNIDO pub>. <Report> of a <meeting> on the promotion of <multinational project>s in <developing countries> within the context of <ECDC> - covers (1) <definition> of <South-South> multinational <industrial enterprise>s; criteria distinguishing them from <transnational corporations> (2) benefits of such <cooperation> on the <enterprise> level for <economic development> (3) the <role of UNIDO> in relevant activities (4) results of the

meeting; items to be included in relevant guidelines; summary of discussions. <Recommendations>, <list of participants>, <list of documents>. Additional references: <joint venture>, <contract>s.

ENGL SPAN FREN
15 20

15149 1985

Crofton, Mel
UNIDO

HIGH LEVEL EXPERT GROUP MEETING IN PREPARATION OF THE SECOND CONSULTATION ON THE TRAINING OF INDUSTRIAL MANPOWER, PARIS, 1986
THE ROLE OF HUMAN RESOURCES DEVELOPMENT FOR INDUSTRIAL MAINTENANCE
- IMPORTANCE DE LA MISE EN VALEUR DES RESSOURCES HUMAINES POUR LA MAINTENANCE DANS L'INDUSTRIE.

Vienna, 1985 82 p

UNIDO-ID/WG 460/1

<UNIDO pub> on the role of <training> in industrial <maintenance and repair> - covers (1) <definition>s concept and <terminology> of maintenance, rehabilitation of <factory>s (2) <financial aspects> of maintenance (3) maintenance <planning> (4) maintenance technology, <product design>, <standardization>, <spare parts>, renovation of <machinery> (5) points requiring attention in training (6) sector differences, <cooperation>, <role of UNIDO>, <TCDC> (7) checklist for action at the <national level>. Additional references: <capital costs>, <industrial safety>, <skills>, <choice of technology>.

ENGL FREN
25 20

15150 1985

Brameller, A.

UNIDO

CHILE DEVELOPMENT AND CONTROL OF ELECTRIC POWER SYSTEMS TECHNICAL REPORT

DP/CHI/84/008

Vienna, 1985 9 p

UNIDO-DP/ID/SER A/664

<UNIDO pub> <Expert report> on assistance to development of <electric power> systems in <Chile> - covers (1) a course given regarding on-line control (2) discussions at universities, technical discussions with representatives of power generation companies with reference to <planning>, <research>, <electric power distribution>, etc. Conclusions. Additional references <energy economics>, <industry and higher education>

ENGL
34 20

15151 1985

Astier, Jacques E

UNIDO

CONSULTATION ON THE IRON AND STEEL INDUSTRY, 4TH, VIENNA, 1986
IMPORTANCE AND POSSIBILITIES OF FINANCING OF INFRASTRUCTURE AND PERSONNEL TRAINING IN THE IRON AND STEEL PROJECTS
- INFRASTRUCTURES ET FORMATION DU PERSONNEL DANS LES PROJETS

SIDERURGICAS: LEUR IMPORTANCE ET LEURS MODES DE FINANCEMENT.
- IMPORTANCIA Y POSIBILIDADES DE FINANCIAR LA INFRAESTRUCTURA Y LA
CAPACITACION DE PERSONAL EN LOS PROYECTOS SIDERURGICOS.

Vienna, 1985. 48 p. tables, graphs, diagrams.

UNIDO-ID/WG.458/2

<UNIDO pub> on <financing> of <infrastructure> and <training> for
projects of <iron and steel industry> in <developing countries> -
covers (1) types of iron and steel plants according to <choice of
technology> (i.e. integrated with blast <furnace>s or based on
electric furnaces using <metal scrap> or directly reduced <iron>
(2) <definitions> of infrastructure and training; practical cases
illustrating approach, cost and problems of financing (3) practical
consideration of the role of infrastructure and training in new
<industrial projects> Conclusions, <bibliography>, <statistics>,
<diagram>s. Additional references <capital costs>, <manpower>,
<cost of capital>.

ENGL FREN SPAN

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15152

1986

UNIDO

L'INDUSTRIE AFRICAINE EN CHIFFRES VOL. III BURKINA FASO

Vienna, 1986. 20 p tables

UNIDO-UNIDO/IS 612

<UNIDO pub> giving <statistics> concerning <industrial development>
in <Burkina Faso> - (1) covers sources of data, <survey method> (2)
presents tables on number of <industrial enterprises>; <size of
enterprise>s, value of production, <value added>, <wages>
<Bibliography>.

FREN

14 60

15153

1986

Thurn, Carl

UNIDO

THE LEATHER SHOE INDUSTRY IN SWEDEN STRUCTURAL CHANGE

Vienna, 1986. 27 p. tables, graph

UNIDO-UNIDO/IS 610

<UNIDO pub> on <structural change> in the <leather> <shoes>
industry in <Sweden> - covers (1) the international background in
this sector (2) development and present situation of the industry
in Sweden; <domestic production>, <trade>, <demand>, number,
<production capacity> and <profitability> of enterprises, footwear
<imports> and <exports> (3) recent <trends> in corporate
structures, processes, products and trade; <subcontracting>,
<choice of technology>; <government policy>, future outlook,
conclusions; implications for the industry in <developing
countries>. <Statistics>.

ENGL

32.40

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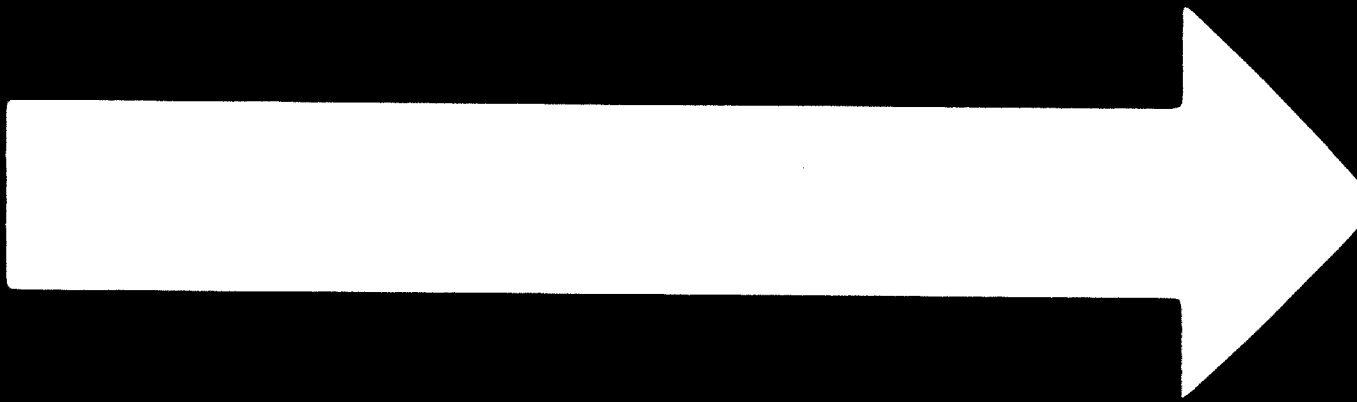
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Ramos de Freitas, Amantino

UNIDO

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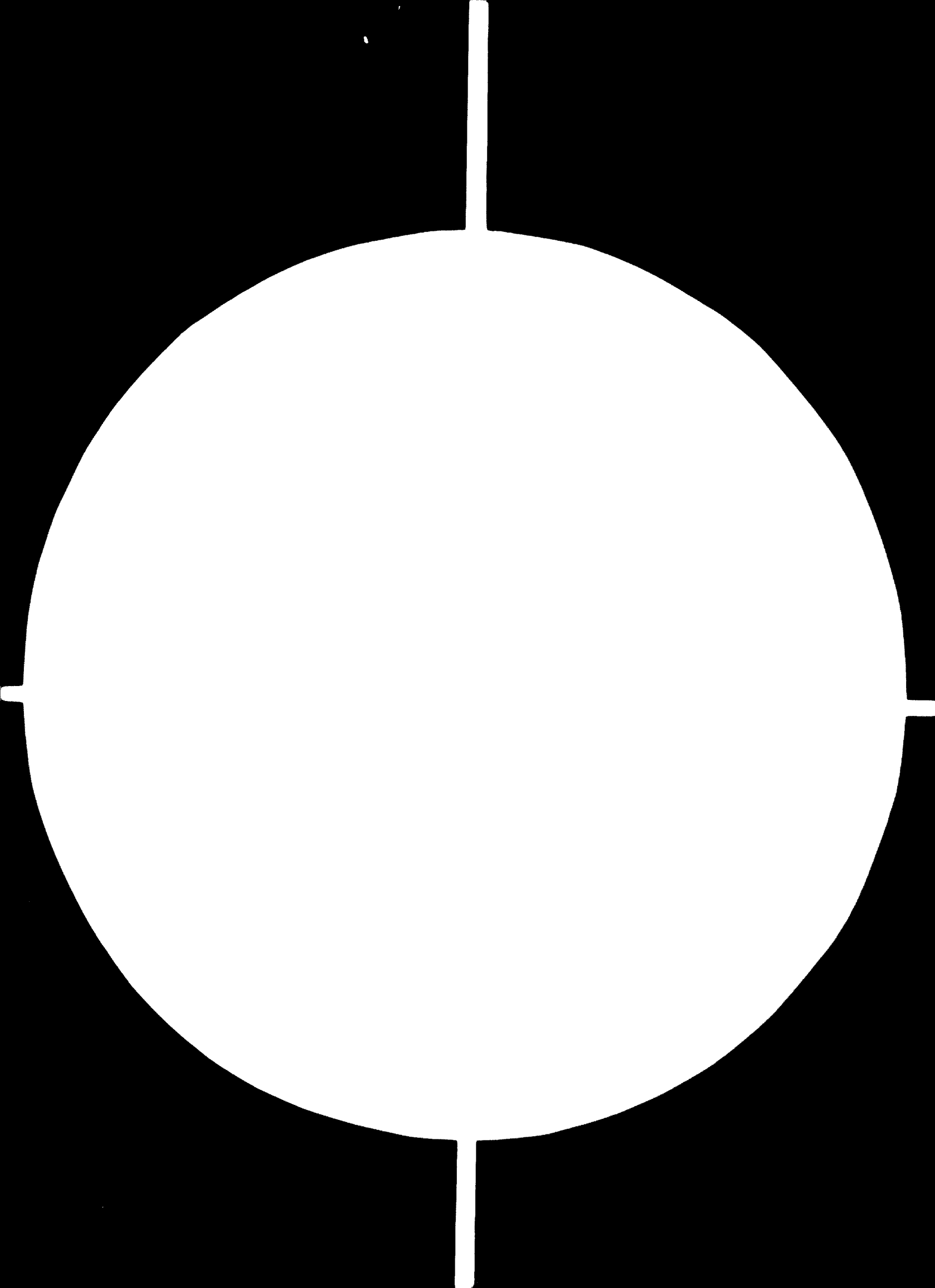
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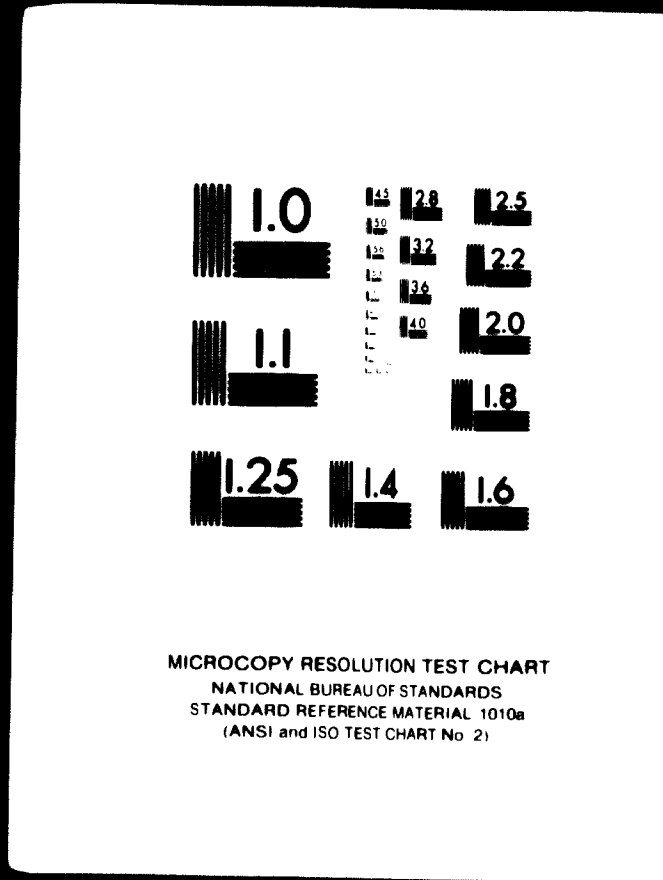
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EXPERT GROUP MEETING ON TIMBER CONSTRUCTION. VIENNA, 1985
PROMOTION NEEDS FOR TIMBER CONSTRUCTION

Vienna, 1985. 13 p

UNIDO-ID/WG 447/8

<UNIDO pub> on ways to promote the use of <timber> by <construction industry> in <developing countries> (based on experience in <Brazil>) - covers (1) advantages of using available <wood> as <building materials> for <housing>; factors inhibiting timber construction; need for promotional activity (2) definition of audiences and targets (3) use of <wood technology> <development centres>. proposed additional functions of such centres
Conclusions. <bibliography>

ENGL

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15155

1986

UNIDO

NEW INDUSTRIAL TECHNOLOGIES AND HUMAN RESOURCE DEVELOPMENT IN ASIA
SOME SELECTED ISSUES

Vienna, 1986. 11. 15 p

UNIDO-UNIDO/IS 611

<UNIDO pub> on <advanced technology>s and <training> for <industrial development> in <Asia> - covers (1) the context of industrial transformation and world-wide economic recession. issues arising in development of <human resources> the impact of <automation> <technology> on conditions of <competition> in <manufacturing> (2) technology challenges for industry in Asian DCs (3) the implications for <skills> formation (4) <education> profiles and industrial objectives. related <industrial policy>s (5) the requisite empirical information points for a pilot study
Additional references <developed countries> <industrial information>. <microelectronics>

ENGL

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15156

1985

Markerink, H J

UNIDO

EXPERT GROUP MEETING ON TIMBER CONSTRUCTION. VIENNA, 1985
TIMBER BRIDGES FOR DEVELOPING COUNTRIES

Vienna, 1985. 29 p diagrams

UNIDO-ID/WG 447/10

<UNIDO pub> on <timber> <bridges> for <developing countries> - covers (1) experience of an enterprise in <Netherlands> in using <tropical timber> of the <tree species> Azobe shipped from <Cameroon> (2) types of bridges being built (3) bridge constructions for developing countries. checklist for research. <engineering design>; erection plans (4) calculation of <costs> for hardwood bridges; cost components. weights. costs of <maintenance and repair> <Diagrams>.

ENGL

32.10

15157

1985

Francis, C R

UNIDO

EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985

HAZARD CLASSES OF TIMBER IN USE

Vienna, 1985, 9 p, diagram, tables

UNIDO-ID/WG 447/11

<UNIDO pub> on biological hazards to <timber> used by <construction industry> (reference <wood preserving>) - covers (1) <definition> of such hazards as a preliminary step in setting <specifications> for <standards> of preservative treatment in <developing countries> (2) cites from hazard <classifications used in (a) <New Zealand> and <Australia> (b) <Fig>, Tables, <diagrams>, <bibliography>

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1985

UNIDO

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EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985

TRADITIONAL HOUSING DESIGNS

Vienna, 1986, 12 p, table

UNIDO-ID/WG 447/12

<UNIDO pub> on use of <timber> for <housing> construction in <developing countries> with special reference to traditional <building design> - covers (1) the critical shortage of adequate dwellings, problems of providing appropriate <building materials>, need for use of available timber resources, the need for information on <wood technology>, house <planning> principles and design procedures (2) factors affecting structural efficiency, non-structural <components> and parts, production and erection techniques, <comparative costs> of timber-frame and other houses

ENGL

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15159

1985

Feltze, F J

UNIDO

EGYPT ENERGY MANAGEMENT SYSTEMS (AUDITING)

DP/EGY 83/001

Vienna, 1985, 11 p, tables

UNIDO-DP ID/SER A 665

<UNIDO pub> <Expert report> on development of auditing techniques with a view to <energy saving> in <iron and steel industry> in <Egypt> - covers (1) assistance to staff of a <metallurgy> <research centre>, plant visits (2) suggested procedure for an energy audit, checklist for improving energy efficiency, energy <prices>, monitoring and targeting <Recommendations>

ENGL

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15160

1985

UNIDO

EXTERNAL INDEBTEDNESS, ANOTHER DIMENSION OF THE AFRICAN DEBT

Vienna, 1985, 59 p, tables, graphs

UNIDO-UNIDO/IS.585

<UNIDO pub> on the structural cause of the <Africa> <debt> crisis, with special reference to problems of external indebtedness - covers (1) the magnitude of the debt problems, basic debt indicators (2) <capital> inflows and current account balances (3) the fundamental cause of the crisis (4) limited adjustment capacity of African <developing countries> to the debt crisis; the role of the <IMF>. Conclusions <Statistics>. Additional references <trade>, <import>, <development aid>, <cost of capital>

ENGL
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15161

1986

Henein, Saad K
Power, Thomas F
UNIDO
UNDP

(R) STRENGTHENING OF THE UNDP/UNIDO SECTORAL SUPPORT IN THE INDUSTRIAL FIELD

Vienna, 1986, 101 p, tables
UNIDO-UNIDO/PC/R.14

<UNIDO pub> <Expert report> regarding the scope of UNIDO and <UNDP> in field activities serving industrial development - covers (1) <evaluation> of effectiveness of present arrangements ways to meet present and likely future needs of the <developing countries> in the sphere of <technical assistance> (2) evolution of the SIDFA system, <organizational aspects>, <financial aspects> (3) general conclusions <Recommendations>, <statistics>, <job description>, <list of documents>. Additional references <joint projects>, <source of funds>, <cooperation>, <institutional framework>. <Restricted>

ENGL
14 60

15162

1986

Guéissaz, Maurice
UNIDO

(R) MALI: PROGRAMMATION AGRO-INDUSTRIELLE (SECTEUR VEGETAL) RAPPORT TECHNIQUE

DP/MLI/82/014

Vienna, 1986, vii, 70 p

UNIDO-DP/ID/SER.4/666

<UNIDO pub> <Expert report> on the <development potential> of <agri-product processing> in <Mali> - covers (1) <agricultural products> and <food industry> (2) <forest products>, <nuts>, <wood> (3) <cereals>, <grain processing>, <sugarcane sugar>, <cotton>, <groundnuts>, <horticulture>, <fruits> and <vegetables>, <natural fibres> (4) <pesticides>, <fertilizers>, <agricultural machinery>, <infrastructure>, <transport>, <need for electric power distribution>, <financing> (5) <industrial programming>, <project selection>, <Recommendations>, <bibliography>. Additional references <agriculture>, <rural industry>, <regional development>. <Restricted>

FREN
31 40

15163 1985

Maillot, Jean Francois

UNIDO

(R) RP CONGO. POSSIBILITES DE DEVELOPPEMENT DE L'AGRO-INDUSTRIE. ETUDE
SECTORIELLE

DU/PRC/84/007

Vienna, 1985 v. 84 p tables diagrams

<UNIDO pub> <Expert report> on the <development potential> of
<agri-product processing> in <Congo PR> - covers (1) the situation
in this sector: <definition>s, structure, promotion of medium and
<small scale industry>, <food> supply, <demand> (2) <agricultural
products>, <food industry>, <vegetable oils>, <cereals>, <feed
production>, <sugar>, <fruit>, <cocoa>, <beer>, <nonalcoholic
beverages>, <dairy products>, <fishery>, <meat> <Recommendations>.
<statistics>, <diagram>s, <bibliography> Additional references
<rural industry>, <agro-industry> <Restricted>

FREN

31 40

15164 1985

UNIDO

(R) INDIA MODERNIZATION OF ENGINEERING DESIGN AND CONSULTANCY
SERVICES TERMINAL REPORT

DP/IND/78/054

Vienna 1985 21 p

UNIDO-DP/ID/SER B/513

<UNIDO pub> <Final report> on assistance in improving <engineering
design> and <consulting> capabilities of a <research centre> in
<India> - covers (1) support given to Engineers India Ltd through
provision of <expert>s, <training programmes>, <fellowships> and
<equipment> relating to various industrial sectors
<Recommendations> Additional references <petrochemicals>,
<metallurgy>, <computer programmes>, <Restricted>

ENGL

26 10

15165 1986

Haecker, Max Georg

UNIDO

(R) BURMA DEVELOPMENT CENTRE FOR LEATHER TECHNOLOGY (DCLT) TERMINAL
REPORT

DP/BUR/82/007

Vienna, 1986 15 p

UNIDO-DP/ID/SER B/616

<UNIDO pub> <Final report> on assistance to a <development centre>
for <leather industry> in <Burma> - covers: the expert's
activities, including a survey of the present status and
<development potential> of the <leather> and <leather goods>
sector; conducting study tours to <Germany FR>, <UK>, <Austria> and
<Italy> <Recommendations> Additional references: <tanning>,
<hides and skins> <training> <Restricted>

ENGL

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15166

1986

Buchanan, William

UNIDO

(R) PDR YEMEN ESTABLISHMENT OF A CLAY BRICKMAKING FACTORY TECHNICAL REPORT

UC/PDY/83/133

Vienna, 1986 34 p

UNIDO-UNIDO/10/R 226

<UNIDO pub> <Expert report> regarding potential manufacture of <bricks> in <Yemen PDR> - covers (1) project background (2) findings and studies concerning other <raw materials> required for bricks and <tiles>, tender documents, proposals for <factory>s cold-processed crystallized <clay building materials>; <economic aspects>, <location of industry> <Recommendations>, <bibliography>, terms of reference for a techno-economic feasibility study <Restricted>

ENGL

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15167

1986

Francis, C R

UNIDO

(R) DOMINICA WOODEN BRIDGE CONSTRUCTION LAUNCHING OF UNIDO BRIDGE TECHNICAL REPORT

UC/DMI/83/095

Vienna, 1986 29 p diagrams, tables, illus

UNIDO-UNIDO/10/R 223

<UNIDO pub> <Expert report> on assistance in construction of <wooden bridges> in <Dominica> (applicable in other <developing countries>) - gives technical instructions and <specifications> referring to rigging calculations, setting out, anchorages, shear legs construction and erection, girder construction and launching, landing, decking, dismantling shear legs, rigging hardware <Diagrams, tables, illustrations Additional reference <timber> <Restricted>

ENGL

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15168

1986

Lentz, W

UNIDO

(R) GUINEA SURVEY ON SMALL SCALE PALM OIL EXTRACTION AND ASSISTANCE IN THE DESIGN OF A PROTOTYPE PRESS TECHNICAL REPORT

- ENQUETE SUR L'EXTRACTION DE L'HUILE DE PALME A PETITE ECHELLE ET ASSISTANCE AUX FINS DE LA CONCEPTION D'UN PROTOTYPE DE PRESSE
RAPPORT TECHNIQUE

Vienna, 1986 41 p illus

UNIDO-UNIDO/10/R 220

<UNIDO pub> <Expert report> regarding small scale <palm oil> extraction in <Guinea> - covers (1) traditional extraction presently performed with wild dura palms as the only source of fruit (2) improved <oil palms> and traditional <agriculture> (3) improved extraction using various types of presses, designing a

<prototype> press (4) processing on an intermediate scale; mini-mills; <village> mills (5) <social aspects> and <economic aspects> of applying <appropriate technology>; safeguarding the role of <women> in this sector (6) capacity for manufacture of oil presses in Conakry. <Recommendations>. <bibliography>. illustrations. Additional reference: <rural development>. <Restricted>.

ENGL SPAN
31.70

15169 1985

Dobos, Gyorgy

UNIDO

(R) TECHNICAL ALTERNATIVES IN THE ALUMINIUM INDUSTRY.

Vienna, 1985. 18 p. tables, graph.

<UNIDO pub>. <Expert report> on <choice of technology> in the <aluminium industry> - covers (1) the present situation of technology in the <nonferrous metals> industries in <developed countries> and <developing countries>; <technological change>; <research and development>; <supply and demand>; the role of <energy> <prices> (2) reasonable expectations for the future: the role of <aluminium> in the range of structural <metals>. <Statistics>. <bibliography> Additional references <alumina>. <smelting> <Restricted>.

ENGL
36 10

15170 1985

Gyurkovics, Istvan

UNIDO

(R) REPORT ON THE SURVEYED HUNGARIAN FIRMS WHICH ARE WILLING TO CO-OPERATE WITH THE DEVELOPING COUNTRIES IN THE BUSINESS FIELD.

UC/INT/78/120

Vienna, 1985. 10 p. tables.

<UNIDO pub>. Report on a <survey> of <industrial enterprises> in <Hungary> willing to enter into <cooperation> with <developing countries> - covers (1) <survey method>; details of <data collecting> (2) responses from 53 companies; interest expressed in <industrial projects> <Statistics>. Additional references: <investment promotion> <information system>. <Restricted>

ENGL
15.20

15171 1985

Corish, P. J.

UNIDO

(R) CHINA. ASSISTANCE TO THE DESIGN INSTITUTE OF THE RUBBER INDUSTRY. TECHNICAL REPORT.

DP/CPR/81/020

Vienna, 1985. 19 p.

<UNIDO pub>. <Expert report> on assistance to a <design centre> for the <rubber industry> in <China> - covers (1) <seminar>s given at

Beijing and Guangzhou (2) summaries of lectures on <blending>: high polymers; <rubber> with rubber; rubber with <plastics>; <polyvinyl chloride>, etc. (3) improvement of <fire retardant> qualities of compounds. (4) observations based on tours of <factory>s. conclusions relating to the UNIDO-sponsored project <Recommendations>. Additional reference. <testing>. <Restricted>

ENGL
32 50

15172 1986
Birkhaug, Odd E
UNIDO
(R) PORTUGAL DEVELOPMENT OF THE DOMESTIC FOOTWEAR INDUSTRY TECHNICAL REPORT
DP/PDR/83/002
Vienna, 1986 20 p
UNIDO-DP/ID/SER A/672

<UNIDO pub> <Expert report> on <training assistance> to <shoes> industry in <Portugal> - covers (1) two courses given concerning production <planning> and <production control> (2) preparation of a study tour, <factory> visits <Recommendations>, <list of participants>, <glossary>. Additional references <management>, <product development>, <product design>, <leather>, <costing>. <Restricted>

ENGL
32 40

15173 1986
Anand, Nitya
UNIDO
(R) THAILAND RESEARCH AND DEVELOPMENT REVIEW. (MEDICINAL PLANTS) TECHNICAL REPORT
DP/THA/82/006
Vienna, 1986 44 p
UNIDO-DP/ID/SER A/679

<UNIDO pub> <Expert report> reviewing <research and development> regarding <medicinal plants> in <Thailand> - covers (1) progress made at <research centre>s; objectives and outputs of <research programmes> (2) <commercialization> of plant products (3) use of <pharmaceuticals> in <health service>s. <development potential> <Recommendations>, <list of documents> Additional reference. <equipment> <Restricted>

ENGL
35 60

15174 1986
UNIDO
GERMANY FR. FEDERAL MINISTRY FOR ECONOMIC CO-OPERATION
(R) SRI LANKA ESTABLISHMENT OF A CERAMIC RESEARCH AND DEVELOPMENT LABORATORY. REPORT OF EVALUATION MISSION
US/SRL/78/207
Vienna, 1986 96 p. tables, maps
UNIDO-DP/ID/SER C/4
<UNIDO pub> <Mission report> evaluating progress of a <research

centre> serving <ceramics industry> in <Sri Lanka> - covers (1) relevant <industrialization policy>; <economic conditions> (2) the ceramic industry; outputs of the <nonmetallic minerals> sector; <raw material>s available; <marketing>; <technological change> (3) creation of the <ceramics> <research and development> <laboratory> (CRL); objectives, activities, <project implementation>; <project evaluation>; <Recommendations>; <bibliography>; <maps>; Additional references: <clay>; <equipment>; <training>; <staff> <Restricted>.

ENGL
33 30

15175 1985

Windsor, Kenneth J.

UNIDO

THE USE OF MIXED CREDITS IN THE UNITED KINGDOM FOR THE FINANCING OF INDUSTRIAL TRAINING AND INFRASTRUCTURE

Vienna, 1985 131 p

UNIDO-UNIDO/PC.130

<UNIDO pub>; <Expert report> on the use of mixed <credit>s in the <UK> for <financing> of industrial <training> and <infrastructure> components of projects in <developing countries> - covers (1) the mixed credits system, the <institutional framework>; the "aid and trade provision" (2) <case study>s (3) strengthening the mixed credits system (4) some alternative methods of <financial aid>; the role of commercial <banks> and of government finance. <Recommendations>; <glossary>; Additional references: <export promotion>; <credit insurance>

ENGL
29 30

15176 1986

Nanjundan, S

UNIDO

SMALL AND MEDIUM ENTERPRISES: SOME BASIC DEVELOPMENT ISSUES.

Vienna, 1986 61 p tables

UNIDO-UNIDO/PC 137

<UNIDO pub> <Expert report> on the role of <small scale industry> in development - covers (1) basic issues for consideration (2) <industrial policy>s; <definition> and <economic implications> of small industry (3) relevant <infrastructure> and the <institutional framework>; <financing>; <industrial extension>; <entrepreneurship> development; <industrial cooperative>s (4) <capital formation>; the <capital market>; <credit>; <resources allocation> (5) the significance of domestic and international <subcontracting>; experience in <Japan> and <India> <Statistics>; <bibliography> Additional references: <industrial promotion>; <credit insurance>.

ENGL
21 40

15177 1986

UNIDO

MEETING OF INTERGOVERNMENTAL EXPERTS OF THE WHOLE ON INDUSTRIALIZATION IN AFRICA, BUJUMBURA, BURUNDI, 1986

UNIDO'S PRE-INVESTMENT STUDIES PROGRAMME FEASIBILITY STUDIES.

Vienna, 1986. 8 p.
UNIDO-UNIDO/10 627

<UNIDO pub> explaining the <UNIDO> <preinvestment study> programme, with special reference to <feasibility study>s - covers (1) the importance of such studies prior to deciding on <industrial project>s; qualities required in studies (2) UNIDO assistance in (a) <project selection>, <project design> and <project evaluation> (b) application of <computer programmes> for feasibility analysis and reporting (COMFAR) (c) strengthening relevant national capabilities (d) <project implementation> (3) publications available <Recommendations>.

ENGL
14 50

15178 1986

Visvesvaraya, H C

UNIDO

(R) FINAL REPORT ON THE ESTABLISHMENT, STRENGTHENING AND PROMOTION OF LINKAGES BETWEEN NATIONAL, REGIONAL AND SUBREGIONAL INDUSTRIAL TECHNOLOGICAL INFORMATION SERVICES IN AFRICA AND WITH INTIB

Vienna, 1986. 44 p. diagrams

UNIDO-UNIDU/IS/R 41

<UNIDO pub> <Final report> regarding promotion of industrial <information exchange> services among countries in <Africa> including linkages with <INTIB> - (1) covers a <UNIDO> project designed to identify existing <information services>; present and potential users of <industrial information>; further information needs; <training> requirements (2) summarizes country reports concerning ten countries (3) project outputs and activities; proposed further action at the various levels; the <role of UNIDO>, INTIB and <TIES>, and of African <information centres> <Recommendations>, <list of documents>, <diagrams> Additional references <information systems>, <computer programmes>, <statistics> <Restricted>

ENGL
01 20

15179 1985

Popovic, D.

UNIDO

(R) INDIA APPROPRIATE AUTOMATION PROMOTION PROGRAMME TECHNICAL REPORT

DP/IND/82/034

Vienna, 1985. 26 p.

<UNIDO pub> <Expert report> on assistance in development of <automation> and <process control> in <India> - covers (1) visits to <research centres> in New Delhi, Trivandrum and Calcutta (2) the state-of-the-art of automation in Indian industry; <research programmes> and <training> conducted at regional project centres; need for some <training abroad>; required <instruments> and <equipment>; <specifications>, <Recommendations>, <bibliography> Additional references: <automatic control>, <computer-aided manufacture>, <Restricted>.

ENGL
24 30

15180 1985

Hallett, Robert M

UNIDO

TRAINING COURSE ON COCONUT WOOD BUILDING, PHILIPPINES, 1985

(R) PHILIPPINES TRAINING COURSE ON COCONUT WOOD BUILDING MISSION

REPORT

UC/RAS 84 267

Vienna 1985 34 p

UNIDO-UNIDO IO/R 198

<UNIDO pub> <Mission report> on a training course in the use of <wood> from <coconut palms> in construction of low-cost <housing> - covers (1) background of <training programmes> for participants from ten countries of the <ESCAP> region, comments results of relevant projects study tour in the <Philippines> (2) <building design> and construction of a <prototype> house. Conclusions. <list of participants> <agenda> <aide memoire>. Additional reference <tropical timber> <wood technology> <Restricted>

ENGL

32 40

15181 1985

Kloetzer, Otto F

UNIDO

(R) KENYA LEATHER DEVELOPMENT CENTRE EVALUATION OF PROJECTS

TECHNICAL REPORT

US KEN 84 163

US KEN 78 204

Vienna 1985 31 p

UNIDO-UNIDO IO R 206

<UNIDO pub> <Expert report> on two projects assisting <leather industry> in <Kenya> - (1) evaluates (a) the completed project for establishment of a <leather> <quality control> <laboratory> (b) <project design> of a new project for expanding the laboratory into a fully equipped leather <development centre> including a <pilot plant> for finished leather (2) considers <social aspects> <economic aspects> and the <institutional framework> of both projects <Recommendations> Additional references, <research>, <testing> <training> <hides and skins> <regional cooperation>, <East Africa>. <Restricted>

ENGL

32 40

15182 1985

Domony, A B

Varhelyi, R

UNIDO

(R) SOME CONSIDERATIONS ON THE DEVELOPMENT OF ALUMINIUM SEMI-PRODUCTS MANUFACTURING INDUSTRIES

Vienna 1985 21 p diagrams

<UNIDO pub> <Expert report> on promotion of the <aluminium industry> in <developing countries>, with special reference to <semimanufactured products> - covers (1) <choice of technology> in

the semi-manufacturing field; the traditional model; <production capacity>; <choice of products>; <smelting> plants; <factory establishment> (independent, integrated complexes); <aluminium foil>; <rolling> and processing (2) required <utilities>; <energy>; <maintenance and repair>; <workers>; etc. (3) <marketing> aspects <Recommendations>; <factory layout>; <Restricted>

ENGL
36 10

15183 1985

Walczenko, Boguslaw J

UNIDO

(R) LIBYA: ASSISTANCE TO THE ZLITEN CEMENT COMPANY. TECHNICAL REPORT SF/LIB/83/002

Vienna, 1985. 29 p. tables

UNIDO-UNIDO/IO/R 211

<UNIDO pub. on assistance to a cement industry in Libya>; covers (1) follow-up of a project, technical advising on equipment and instruments; (2) review of spare parts; takeover of factory from contractor; conversion of existing oil-burning system to a system using natural gas; <computer application for administration>; <Recommendations>; <Additional references>; <process control>; <blending>; <kilns>; <Restricted>

ENGL
33 20

15184 1986

UNIDO

GROUP TRAINING PROGRAMME IN THE FIELD OF QUALITY CONTROL AND ASSURANCE IN PHARMACEUTICAL INDUSTRY, PIMPRI, INDIA, 1986

PHARMACEUTICAL INDUSTRY DEVELOPMENT IN THE DEVELOPING COUNTRIES AND THE CONCEPT OF TOTAL QUALITY CONTROL

UC/RAS/83/291

Vienna, 1986. 26 p. tables

UNIDO-UNIDO/IO/R 219

<UNIDO pub. on pharmaceutical industry in developing countries with special reference to quality control>; - covers (1) <world consumption>; <trade> and <world production> of <pharmaceuticals>; (2) strategy for development of the industry in the DCs; production in dosage form, chemicals; pharmaceuticals based on fermentation and on medicinal plants; biologicals (3) <TQCC>; (4) the concept of total quality control (5) problems and prospects <Statistics>; <Additional references> <antibiotics>; <vaccines>; <product safety>

ENGL
35 60

15185 1986

Antazo, T. A.

UNIDO

(R) INDIA: PESTICIDES DEVELOPMENT PROGRAMME: STRENGTHENING THE ANALYTICAL LABORATORY OF PDP; TECHNICAL REPORT

DP/IND/80/037

Vienna, 1986. 22 p.

UNIDO-DP/ID/SER A/674

<UNIDO pub> <Expert report> on assistance to a <pesticides>
<laboratory> in <India> - covers (1) guidance given to staff
regarding <quality control>, various pesticide formulations,
maintenance of analytical <instruments>, chromatography (2)
<training programmes>, <product safety>, <industrial safety>,
<solvent> availability, <equipment>, <spare parts>
<Recommendations>, <specifications>, <Restricted>

ENGL
35 40

15186 1986

Marwaha, Kirpa'

UNIDO

(R) INDIA DESIGN AND MANUFACTURE OF WOOLLEN KNITWEAR TECHNICAL
REPORT

DP IND/82/006

Vienna 1986 13 p

UNIDO-DP/ID/SER A/676

<UNIDO pub> <Expert report> on assistance to a <knitting> plant
producing <wool> clothing in <India> - covers (1) development of
new fashion styles of knitwear, <product design>, sampling, making-
up and design presentation for <marketing> to European target
markets (2) <raw materials>, <machinery>, <colour schemes>, plan for
a <design centre>, <Recommendations>, <Additional reference>
<Annexes>, <Restricted>

ENGL
32 30

15187 1985

Perez, E

UNIDO

(R) ALGERIA FINANCIAL ANALYSIS OF THE PHARMACEUTICAL INDUSTRY
PROJECT ESTABLISHMENT OF A DEVELOPMENT PLAN FOR THE PHARMACEUTICAL
INDUSTRY TECHNICAL REPORT

UC ALG/85/062

Vienna 1985 17 p, tables

UNIDO-UNIDO ID/R 209

<UNIDO pub> <Expert report> on <financial aspects> of a
<pharmaceutical> industry project in <Algeria> - covers (1)
<investment> requirements, <working capital>, (2) estimated sales
and <income>, (3) internal rate of <investment> returns, (4) payback
period, direct benefits from the project, <import substitution>,
<foreign exchange> savings (5) financial analysis of the
<antibiotics> complex of Medea <Statistics>, <Additional>
references, <demand>, <financing>, <profitability>, <Restricted>

ENGL
35 60

15188 1985

Yeo Gyeong Yun

UNIDO

PROMOTION OF EXPORT ORIENTED SMALL SCALE INDUSTRIES IN DEVELOPING
COUNTRIES

Vienna, 1985. 40 p.

.....

<UNIDO pub>. <Expert report> on promotion of <export oriented industry> in <developing countries>, with special reference to <small scale industry>s and experience in <Korea R> - covers (1) strategy for such <industrial promotion> (2) relevant experience in Korea: <social aspects>, <economic conditions>, <infrastructure> requirements; development of venture <capital> industry; <case study> of a <computer> firm. Additional references: <research and development>, <industrial services>, <entrepreneurship>, <investment promotion>

ENGL
21 40

15189 1985

Chehwan, E

UNIDO

PAKISTAN LEATHER GARMENT DESIGN AND PRODUCTION TECHNICAL REPRDT
DP/PAK/79/D22

Vienna, 1985. 51 p diagrams

UNIDD-DP/ID/SER A/667

<UNIDO pub> <Expert report> on assistance to <leather> <clothing> design and production in <Pakistan> - covers (1) <training> of <counterpart personnel> (2) <training programmes> in <product design>, pattern-making, processing and production (3) standard training programme (4) <consulting> services to several <factory>s (5) a project promoting <export> to <Germany FR>, results to the Cologne <trade fair> (6) plan for a <leather goods> <development centre> <Recommendations>, <diagrams>, <factory layout> Additional references: <knowhow>, <marketing>

ENGL
32 40

15190 1986

Skjorten, Einar

UNIDO

(R) BULGARIA. DEVELOPMENT AND UTILIZATION OF CAD SYSTEMS TECHNICAL REPORT

DP/BUL/81/DD9

Vienna, 1986. 25 p

UNIDD-DP/ID/SER A/668

<UNIDO pub> <Expert report> on assistance in development and use of <computer-aided design> at a laboratory in <Bulgaria> - covers (1) <organizational aspects> of work performed at the CAD-Scientific <Laboratory> in Sofia; <management>; <knowhow>, <equipment>, <computer>s, <computer programmes>; <financial aspects>, <industrial services>, <consulting>. Appendices. Additional reference: <engineering>. <Restricted>

ENGL
26 10

15191 1986

Assalit, H.B.

UNIDO

(R) INDIA POWER TRANSMITTER DEVICES FOR TRANSPORTATION EQUIPMENT
TECHNICAL REPORT

DP/IND/84/015

Vienna, 1986 19 p. diagrams

UNIDO-DP/ID/SER A/669

<UNIDO pub> <Expert report> on assistance to development of power
<transistors> for power control in <electrical equipment> (drives)
for <transport> in <India> - covers (1) lectures given on power
<semiconductor> devices and related subjects, improvement of
transistor design (2) evaluation of processing facilities at a
<research centre> at Pilani <Recommendations> <diagrams>
Additional references <electric batteries>, <vehicles>, trolley,
<buses> <Restricted>

ENGL
38 20

15192 1986

Burt, P B

UNIDO

(R) BURMA LEATHER MARKETING SURVEY AND DEVELOPMENT POTENTIAL
TECHNICAL REPORT

DP/BUR/82/007

Vienna, 1986 52 p. tables, diagrams, illus

UNIDO-DP/ID/SER A/670

<UNIDO pub> <Expert report> on <leather industry> in <Burma> - (1)
surveys the <domestic market> and assesses <development potential>
(2) evaluates quality of <hides and skins>, <shoes> and other
<leather goods> with a view to potential <export> (3) covers
<product mix>, <product development>, <marketing> and <economic
aspects> <Recommendations>, <statistics>, <flow charts>,
<illustrations> Additional references <tanning>, <quality control>
<Restricted>

ENGL
32 40

15193 1985

Schmel, Ferenc

UNIDO

(R) KENYA MICROCOMPUTER APPLICATION IN THE LEATHER QUALITY CONTROL
LABORATORY AT KIRDI TECHNICAL REPORT

US/KEN/84/163

Vienna, 1985 57 p. tables

UNIDO-UNIDO/IO/R 205

<UNIDO pub> <Expert report> on assistance in <electronic data
processing> for the purposes of a <leather> <quality control>
<laboratory> in <Kenya> - covers installation of a micro
<computer>, development and application of <computer programmes> to
serve <research and development>, <experiments>, <testing> and cost
analysis; <training> activities <Recommendations>, sample forms,
<statistics> <Restricted>

ENGL
01 30

15194

1985

Bercil, Marlon

UNIDO

(R) KENYA. LEATHER DEVELOPMENT CENTRE. INTERIM ASSESSMENT OF THE PROJECT. TECHNICAL REPORT

US/KEN/84/163

Vienna, 1985. 57 p. tables

UNIDO-UNIDO/IO/R 207

<UNIDO pub> <Expert report> on a project of assistance to the leather industry in <Kenya> - covers (1) the <raw materials> <supply> <situation> <raw hides and skins> <tanning> <materials> <equipment> (2) <leather> and <shoes> <industry> <quality standards> <statistical data bank> (3) <economic aspects> <financial background and incentives> <leather export> (4) the <Kenya Industrial Research and Development Institute> the <leather development centre> and <finished leather processing pilot plant> <Recommendations> <job description> <statistics> <Restricted>

ENGL

32.40

15195

1985

UNIDO

(R) ALGERIA. TRANSFER OF TECHNOLOGY FOR THE PRODUCTION OF PHARMACEUTICAL CHEMICALS IN A MULTI-PURPOSE PLANT. TECHNICAL REPORT

JO/ALG 85/062

Vienna, 1985. 72 p. tables, diagrams

UNIDO-UNIDO/IO/R 213

<UNIDO pub> <Expert report> on <technology transfer> for the production of <chemicals> for <pharmaceutical industry> in <Algeria> - covers (1) <strategy for domestic production> of such <chemicals> <concept of a multi-purpose factory> (2) <basis for choice of products> <choice of technology> <raw materials> <reaction schemes> <research and development> <equipment> <training> <investment parameters> (3) <demand> for <pharmaceutical chemicals on the domestic market> (4) <description of processes> <Diagrams> <bibliography> <manning table> <Restricted>

ENGL

35.60

15196

1986

Favil, Joachim

UNIDO

(R) AFRIQUE. ETUDE ET PROPOSITIONS PORTANT SUR LE RENFORCEMENT DES STRUCTURES ET ACTIVITES DE LA CEPGL EN MATIERE DE PLANIFICATION ET DE PROMOTION DU DEVELOPPEMENT INDUSTRIEL INTEGRE DES PAYS MEMBRES. RAPPORT TECHNIQUE

RP/RAF/85/633

Vienna, 1986. 95 p. tables, diagram

UNIDO-UNIDO/IO/R 216

<UNIDO pub> <Expert report> on assistance to <regional cooperation> for <industrial development> among <Burundi>, <Rwanda> and <Zaire> - covers (1) <project background> (2) the <institutional framework> of <co-operative industrial planning> and <financing>, <industrial institutions> on the <national level> and the <regional level> (3) <industrialization policy> and <industrial programming> with special reference to a <common market> (4) <relevant industrial projects> <Recommendations>, <diagram> Additional

references <ECDC>. <regional project>s <Restricted>.
FREN
14 60

15197 1986

Seshagiri N
UNIDO

GUIDELINES FOR THE FORMULATION OF NATIONAL INDUSTRIAL AND
TECHNOLOGICAL INFORMATION POLICY - BASED ON EXPERIENCE IN INDIA
Vienna 1986 44 p
UNIDO-UNIDO IS 605

<UNIDO pub> Guidelines for a national <industrial information>
policy in <developing countries> (based on experience in <India>) -
covers (1) information as a resource, its utilization, problems of
end-users, barriers to the flow of information (2) need for a
<government policy> regarding industrial and <technical
information> require <information centres> and <information
systems> policy formulation and implementation <information
exchange> <training> <international linkage and cooperation>
Annexes Additional references <information service> <small scale
industry>

ENGL
24 20

15198 1986

UNIDO

CONSULTEC CAMPINAS BRAZIL
(R) NIGER ACCELERATION DU PROCESSUS DE DEVELOPPEMENT AGRO-INDUSTRIEL
RAPPORT FINAL
RP/NER/85/601
Vienna 1986 15 p tables, diagrams, illus

<UNIDO pub> <Final report> on promotion of <agri-product
processing> in <Niger> - covers (1) project background, need for
developing <agriculture>, problems posed by <arid zones> and
<drought> (2) projects relating to the processing of <cassava>,
<onions>, and <tomatoes> (3) <choice of technology> and
<equipment> <Statistics> Additional references: <scanning>, <rural
industry> <Restricted>

FREN
31 40

15199 1985

Panov, V P
UNIDO

(R) DPR KOREA ASSISTANCE TO OVERCOME PRODUCTION QUALITY PROBLEMS
THROUGH IMPROVEMENT OF THE NATIONAL STANDARDIZATION SYSTEM FINAL
REPORT
SI/DRK/85/802
Vienna 1985 59 p

<UNIDO pub> <Final report> on assistance to <standardization> in
<Korea DPR> - covers activities at the national <standards
institute>, <organizational aspects>, <staff>, <industrial

services>: technical <documentation>, development of <standards> and <specifications> <Recommendations>, <job description> Additional references: <quality control>, <knowhow>, <training programmes> <Restricted>

ENGL
25 50

15200 1985

Chaabane, Kamel

Barkin, David

UNIDO

(R) AGRICULTURAL MACHINERY IN NORTH AFRICA

Vienna, 1985 24 p

<UNIDO pub> <Expert report> on <agricultural mechanization> in <North Africa> - covers (1) the number and type of <tractors> in relation to cultivated land, the <maintenance and repair>, stock and distribution of <agricultural machinery> (2) <transport>, <irrigation>, and <harvesting> <equipment>, the <market> and production of <agricultural equipment> and <spare parts>, <imports> suppliers (3) the situation in <Egypt>, <Tunisia>, <Algeria> and <Morocco> <Recommendations>, <statistics> <Restricted>

ENGL
37 20

15201 1985

Aronsson, Reine G.

UNIDO

STUDY OF A SMALL SCALE INDUSTRY (SSI) CO-OPERATION SCHEME IN A DEVELOPED ECONOMY.

Vienna 1985 47 p tables, graphs, diagrams

<UNIDO pub> <Expert report> on <small scale industry> <cooperation> in <Sweden> - covers (1) general <economic conditions>, <institutional framework>, the <manufacturing> industry, <trade unions> (2) the development of local companies associations, (3) the example of the Fostieby groups of <entrepreneurs>. Conclusions. <Statistics>

ENGL
21 40

15202 1985

Kiljunen, Kimmo

UNIDO

FINLAND IN THE CHANGING INTERNATIONAL DIVISION OF LABOUR. UNIDO WORKING PAPERS ON STRUCTURAL CHANGE

Vienna, 1985. xii, 344 p. tables.

UNIDO-UNIDO/IS.556

<UNIDO pub> on <structural change>s pertaining to the <industrial sector> of <Finland> - covers (1) <industrialization> and <export oriented industry> in the <developing countries> (2) international <specialization> of Finland (3) <import> <competition> from DCs (4) <export> of manufactured products to the DCs (5) the competition of DCs in third <market>s (with special reference to <clothing>).

<shoes> and <forast products>) (6) production <capital> and <technology transfer> <Statistics>, <bibliography>. Additional references: <trade>, <manufacturing>, <employment>, <capital intensive>, <labour intensive>, <capital goods>, <international division of labour>

ENGL
14 60

15203 1985

Scholle, J C.

UNIDO

(R) MADAGASCAR. ENERGIES NOUVELLES ET RENOVELABLES. RAPPORT FINAL DP/MAG/84/007

Vienna, 1985. 49 p. tables

<UNIDO pub> <Final report> on assistance to the utilization of <renewable energy> in <Madagascar> - covers (1) evaluation of existing <solar energy> resources, assessment of <energy> <demand>, contact with <industry and higher aducation> to evaluate <research> resources, <economic aspects>, <social aspects> (2) <choice of technology> (3) the objectives of the project, expected results, estimate of <costs>, <equipment> and <technical personnel> requirements <Recommendations> <Restricted>

FREN
34 10

15204 1985

UNIDO

SOLIDARITY MINISTERIAL MEETING, ADEN, 1985

SOLIDARITY MINISTERIAL MEETING FOR CO-OPERATION IN THE INDUSTRIAL DEVELOPMENT OF THE PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN. PROJECT PROFILES

US/PDY/85/053

Vienna, 1985. 192 p. map.

UNIDO-UNIDO/PC 122

<UNIDO pub> on a <meeting> discussing <ECDC> and <TCDC> for the <industrial development> of <Yemen PDR> - covers (1) background information on country's <natural resources>, constraints to <economic development> common to <least developed countries> (2) need for <investment>s for the <manufacturing> sector and <industrial promotion>, the role of the <national plan> (3) information on 35 projects including <costs>, <input-output analysis>, <technical assistance> needs, <machinery> and <training> requirements, product <diversification> lists.

ENGL ARAB
14 60

15205 1985

Maharaullee, M. M.

UNIDO

SEMINAR ON FURNITURE AND JOINERY INDUSTRIES, REDUIT, MAURITIUS, 1984. PRODUCTION PLANNING FOR A MEDIUM-SIZED FURNITURE FACTORY IN A DEVELOPING COUNTRY.

Vienna, 1985. 33 p. tables.

UNIDO-ID/WG 426/B

<UNIDO pub> on the <planning> of <furniture> industries in <developing countries> - covers analysis of factors determining success of furniture and joinery <factory>s, sales forecast, <product mix>, production <planning>, <skilled workers>, <quality control>, <data collecting> for time study, <methodology>, Charts <Recommendations>

ENGL
32 20

15206 1985

Cochrane, E D D
Ndiele, Daniel B
Riddell, Roger

UNIDO

STUDY OF THE MANUFACTURING SECTOR IN ZIMBABWE. TECHNICAL REPORT
DP/ZIM/84/018

Vienna, 1985 3 vol (various pagings), tables, diagrams

UNIDO-DP/ID/SER A/631

UNIDO-DP/ID/SER A/631/Add 1

UNIDO-DP/ID/SER A/631/Add 2

<UNIDO pub> Technical report on analysis of the <manufacturing> sector in <Zimbabwe> - covers (1) characteristics of the sector's structure, size and ownership (2) <government policy>s and objectives, <employment> trends, <wages>, <value added>, <production capacity> utilization, <maintenance and repair>, <appropriate technology>, <import substitution>, <export>s, <import>s, <regional cooperation>, <capital investment>, <institutional framework> <Recommendations>, <statistics>

ENGL
32 60

15207 1985

De Groot, Patrick J

UNIDO

(R) SENEGAL ENTRETIEN DU MATERIEL D'IRRIGATION ET DE CULTURE DANS LA VALLEE DU FLEUVE SENEGAL RAPPORT DE LA MISSION DE REFORMULATION DU PROJET

DP/SEN/82/028

Vienna, 1985 51 p

<UNIDO pub> <Expert report> on the reformulation of an <irrigation> project in <Senegal> - covers (1) two possible solutions for the change of a <public sector> to a <private sector> set up of an enterprise responsible for the <maintenance and repair> of irrigation <pumps> in a <rural area> (2) <social aspects>, <organizational aspects>, <economic aspects>, <Recommendations>, <job description>, <Restricted>

FREN
30 20

15208 1985

Le van Chau, A
UNIDO

(R) CAMEROON. ASSISTANCE C A P M E RENFORCEMENT DE L'ATELIER DE BASSA-
DOUALA. RAPPORT FINAL
DP/OMR/79/012
Vienna, 1985 89 p tables, illus

<UNIDO pub> <Final report> on assistance to a centre for the
development of medium and <small scale industry> (CAPME) in
<Cameroon> - covers (1) installation of <workshop> <equipment>;
improvement of <infrastructure>, <training> of <entrepreneurs> in
<maintenance and repair> of <machine tools> and <spare parts> (2)
organization of <industrial promotion> activities, <training
programmes> on <metallurgy>, on <marketing> and <profitability>;
<legislation> pertaining to the activities of the centre
<Recommendations>, <job descriptions> <Restricted>

FREN
37 10

15209 1985

Niogret, Jean

UNIDO

MADAGASCAR RAPPORT TECHNIQUE MATERIAUX DE CONSTRUCTION A BASE DE
BOIS

DP/MAG/82/009

Vienna, 1985 34 p

UNIDO-DP/ID/SER A/651

<UNIDO pub> <Expert report> on assistance to <building materials>
industry based on <wood> in <Madagascar> - covers (1) <forestry>
resources, <tree species>; visits to <wood processing> enterprises
and saw mills, <charcoal> production; (2) proposals for
installation of mobile <pilot plant> for <carbonization> of cut
<timber> including <costs> of <equipment> and <furnaces>,
cultivation of <bamboo>, forest protection <Recommendations>, <job
description> Additional references: <pulp and paper industry>,
<particle board>

FREN
32 10

15210 1985

Sacher, I M

UNIDO

(R) SRI LANKA ESTABLISHMENT OF A CERAMIC RESEARCH AND DEVELOPMENT
LABORATORY TECHNICAL REPORT MINERALOGICAL INVESTIGATION OF NON-
METALLIC MINERALS

US/SRL/78/207

Vienna, 1985 26 p

UNIDO-UNIDO/10/R 195

<UNIDO pub>. <Expert report> on assistance to a <ceramics industry>
<laboratory> in <Sri Lanka> - covers (1) assessment of <equipment>
and <instruments> on hand for mineralogical analysis and <research>
of <raw material>s, preparation, <testing> and <storage> of samples
of <nonmetallic minerals> (2) <specifications> for new equipment
requirement; use of paddy <rice husks> ash for production of
<silicon> <carbide>, <ceramics> glazes, etc. (3) production of sea
water <magnesite> and other by-products from brines through
<evaporation> <Recommendations>. <Restricted>

ENGL
35 30

15211

1985

Ahmed Khan, Riaz

UNIDO

(R) IDENTIFICATION OF CHEMICAL INTERMEDIATES AND RAW MATERIALS USED IN THE MANUFACTURE OF SOME ESSENTIAL PHARMACEUTICAL CHEMICALS

UC/INT/82/104

Vienna, 1985. 44 p

<UNIDO pub> <Expert report> on the manufacture of essential <pharmaceuticals> - covers (1) listing of 76 <raw material>s and chemical <intermediates> used in the manufacture of 36 essential pharmaceutical <chemicals> (2) identification of producers and commercial source of <supply> <Restricted>

ENGL

35.60

15212

1985

Soerensen, M.

UNIDO

UNIDO WORKSHOP ON COMPUTER APPLICATION IN ENGINEERING, NANJING, CHINA.

1985

COMPUTER APPLICATION IN ENGINEERING

Vienna, 1985. 1 vol. (various pagings). diagrams, graphs

<UNIDO pub> giving background materials and information for presentation at a workshop on <computer-aided manufacture> - contains charts, <diagram>s, tables and <statistics> relating to <computer programmes> serving <engineering design>, <knowhow> in <computer-aided design> systems; <project implementation> <methodology>, <automation>, use of <robots>, <management information system>s

ENGL

22.10

15213

1985

Bossak, Maciej

UNIDO

UNIDO WORKSHOP ON COMPUTER APPLICATION IN ENGINEERING, NANJING, 1985

COMPUTER AIDED DESIGN - CAD COMPUTERIZED DESIGN ANALYSIS IN MACHINE CONSTRUCTION.

Vienna, 1985. 43 p.

<UNIDO pub> <Expert report> on <computer-aided design> for <machinery> manufacture - covers (1) the advantages of CAD <methodology> for <computer>ized <engineering design>; for machine construction, based on adequate design criteria (2) need for <research>, computer mechanics and graphics, <computer programmes> (software) and <documentation> as tools, types of computers, <technical personnel> <training> requirements, <economic aspects> <Diagram>s, <bibliography>.

ENGL

26.10

15214

1985

UNIDO

PRIMERA REUNION DE EXPERTOS DE BIENES DE CAPITAL. SANTIAGO, CHILE, 1983
INFORME ANALITICO DE LA PRIMERA REUNION DE EXPERTOS EN BIENES DE
CAPITAL DE AMERICA LATINA. OPINIONES Y CONSENSOS DE LOS EXPERTOS
PARTICIPANTES. SERIE DE DOCUMENTOS DE TRABAJO SECTORIALES, NUM 35.
- ANALYTICAL REPORT ON THE FIRST MEETING OF EXPERTS ON CAPITAL GOODS
IN LATIN AMERICA. VIEWS EXPRESSED AND AGREEMENTS REACHED BY THE
PARTICIPATING EXPERTS. SECTORAL WORKING PAPERS SERIES, NO. 35.

Vienna, 1985. 89 p.

UNIDO-UNIDO/IS 567

<UNIDO pub> on a <meeting> on <capital goods> industry in <Latin
America> - covers (1) <supply and demand>, <investment>s in the
heavy <equipment> and <machinery industry>; demand for <electric
power>, <cement industry>, <pulp and paper industry>, <mining>
<machinery> (2) regional <production capacity> and <development
potential>, needs in the fields of <financing>, <engineering>,
<commercialization>, the role of the <public sector> and of <ECLA>
in <regional cooperation>, the case of <Brazil> and <Paraguay>.
<List of participants>, <documentation>.

SPAN ENGL

25 10

15215

1985

UNIDO

THE BUILDING MATERIALS INDUSTRY. THE SECTOR IN FIGURES. SECTORAL
STUDIES SERIES, NO. 16, VOL. II.

Vienna, 1985. 77 p.

UNIDO-UNIDO/IS 512/Add.1

<UNIDO pub> on statistical data in the major economic regions in
the <building materials> industry - covers (1) <import>s,
<export>s, production and <trade>, <economic growth> rates by
product group and region (2) major <value added> factors:
<manpower>, <capital>, <energy>, major export <market>s and import
sources, <consumption> and <prices> indices <Statistics>,
<questionnaire>. Additional references <nonmetallic minerals>,
<metals> building materials, <wood>, <chemicals>, mineral building
materials.

ENGL

33 20

15216

1985

Kacjan, Marian

UNIDO

MADAGASCAR. RAPPORT TECHNIQUE. MATERIAUX DE CONSTRUCTION A BASE DE
TERRE.

DP/MAG/82/009

Vienna, 1985. 38 p.

UNIDO-DP/ID/SER. A/652

<UNIDO pub>. <Expert report> on assistance to <domestic production>
of <building materials> - covers (1) <housing> types, <costs> of
building materials relatively higher than <labour costs>; the
production of <cement> insufficient for present needs, to be

replaced by <lime>; the manufacturing of <bricks> and <tiles>, use of <clay>, pressed earth and <pozzolana> (3) guidelines for utilization of indigenous resources for <construction industry>, <social aspects>, <Recommendations>.

FREN
33 30

15217 1985
UNIDO
ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS. VIENNA.
1985
REPORT ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS
Vienna, 1985 31 p
UNIDO-ID/WG 450/15

<UNIDO pub> <Report> of a <meeting> of the users of <industrial information> - covers (1) <trends> in <technological change>s in <information processing> and their impact on <information systems> and facilities (2) the needs in <developing countries>, the role of <INTIB>, its interlinkage with <UNIDO>, <training> requirements <Recommendations>, <agenda>, <list of participants>, <list of documents>

ENGL
24 20

15218 1985
UNIDO
EXPERT GROUP MEETING ON WOMEN IN AGRO-INDUSTRIES. VIENNA, 1985
REPORT (EXPERT GROUP MEETING ON WOMEN IN AGRO-INDUSTRIES)
- RAPPORT (REUNION D'EXPERTS SUR LES FEMMES DANS L'AGRO-INDUSTRIE).
Vienna, 1985 32 p
UNIDO-ID/WG 452/3

<UNIDO pub> <Report> on a <meeting> on the integration of <women> in <agro-industry> - covers (1) its function as a stimulant to <rural development> and traditional micro-farming structures (2) <government policy>s needed in support of women, especially in <small scale industry>s, <education> and <training>, <credit> <financing>, <agricultural extension> services, technology upgrading <market> and <natural resources> studies (3) the role of UNIDO, of <nongovernmental organizations> and <development aid> agencies, women and <transnational corporations> <Recommendations>, <agenda>, <list of participants>, <list of documents>

ENGL FREN
23 30

15219 1985
Trannoy, R
UNIDO
(R) ALGERIE RAPPORT TECHNIQUE CONSOMMATION ET PRODUCTION DE
MEDICAMENTS A USAGE VETERINAIRE.
UC/ALG/85/062
Vienna, 1985 47 p. tables, diagrams, graphs
UNIDO-UNIDO/IO/R.186

<UNIDO pub> <Expert report> on promotion of <pharmaceutical

industry> for veterinary use in <Algeria> - covers (1) <organizational aspects> of <health service>; <training> of <technical personnel> on <hygiene>, <sanitation> and preventive measures (2) <livestock> resources (<cattle>, <poultry>, <sheep>, <mules>), the most frequent diseases (3) the <development potential> of <domestic production> of veterinary medicines (<antibiotics>, <vitamins>, etc.), <investment>s and <equipment> needs. Annexes: results of "paroblet" therapy <Recommendations>, <statistics>, <Restricted>

FREN
35 60

15220 1985

Bonnat, M R

UNIDO

(R) ALGERIE RAPPORT TECHNIQUE PRODUCTION DE MATIERES PREMIERES
ACTIVES PAR FERMENTATION AU SEIN DU COMPLEXE ANTIBIOTIQUE DE MEDEA
UC/ALG/85/062

Vienna, 1985. 60 p.

UNIDO-UNIDO/10/R 217

<UNIDO pub> <Expert report> on assistance to <pharmaceutical industry> for the production of <antibiotics> in <Algeria> - covers (1) description and evaluation of the industry (SAIDAL), the facilities for <sterilization>, <fermentation>, <quality control>, <laboratory> activities (2) the <production capacity> of <equipment> on hand, present <domestic consumption> and <development potential> (3) <infrastructure>, <utilities>, <location of industry>, problems connected with <transport> of <raw material>s, <organizational aspects>, <maintenance and repair>, <technical personnel> and <housing> problems, <economic aspects>, <prices> <Recommendations> <Restricted>

FREN
35 60

15221 1985

Abdelkefi, Fethi

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE
FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985
LA MAINTENANCE DANS LES USINES D'ENGRAIS

Vienna, 1985. 9 p.

UNIDO-ID/WG 453/7

<UNIDO pub> on <maintenance and repair> in the <fertilizer industry> of the Gabes chemical enterprises - covers (1) <production capacity> of the four <factory>s utilizing <phosphate>s, their main products (2) new maintenance methods, the <costs>, <equipment> requirements, <organizational aspects>, preventive measures, <subcontracting> possibilities, <spare parts>

FREN
35 40

15222 1985

Kamel, Lahmadi

Yakhdane, L

UNIDO

TABLE RONDE SUR LE DEVELOPPEMENT DE L'INDUSTRIE DES PHOSPHATES ET DES ENGRAIS PHOSPHATES DANS LES PAYS EN DEVELOPPEMENT. GAFSA, TUNISIE, 1985

VALORISATION D'UN PHOSPHATE CARBONATE PROBLEMES POSES PAR LA STRUCTURE EN AGREGATS, SOLUTIONS ADOPTEES

Vienna, 1985 7 p tables

UNIDO-ID/WG 453/8

<UNIDO pub> on <processing> of <phosphate>s - covers analysis of phosphate from Jellabia, its mineralogical composition, experimentation with flotation of <carbon>ated phosphates and <aggregates> for the enrichment of the mineral

FREN

35 30

15223

1985

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985

NOUVEAU PROCEDE DE VALORISATION PAR FLOTTATION DE MINERALS DE PHOSPHATE A EXOGANGUE SILICEUSE ET/OU CARBONATEE

Vienna, 1985 12 p tables

UNIDO-ID/WG 453/11

<UNIDO pub> on flotation of <phosphate> minerals - covers description of most satisfactory method for the upgrading of poor phosphates, results of different <processing> methods of <carbon>ated, <silicon>, and silicon carbonated samples

FREN

35 30

15224

1985

Abbes, M

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985

REDRESSEMENT DES MINES SOUTERRAINES DE LA C P G PAR L'UTILISATION DIRECTE DU BRUT DANS LA FABRICATION D'ACIDE PHOSPHORIQUE.

Vienna, 1985 19 p graphs

UNIDO-ID/WG 453/12

<UNIDO pub> on production of <phosphoric acid> from unenriched <ores> - covers <processing> techniques for the production of phosphoric acid from <phosphate> rock from underground <mining> sites at M Dilla and Metlaoui; <experiment>s with <sulphuric acid> and <gypsum> treatment, results of <chemical analysis>; <economic aspects>

FREN

35 30

15225

1985

Ali, Htiwech

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA, 1985

RECUPERATION DE PHOSPHATE DANS LES REJETS FINS DES LAVERIES.

Vienna, 1985 15 p tables

UNIDO-ID/WG 453/S

<UNIDO pub> on the <recovery> of <phosphate> from <processing> of rock - covers (1) <ore processing> of phosphate rock, estimate of rejects from washing stages, their <chemical analysis>, advantages of their utilization for production of <phosphoric acid> with <sulphuric acid> and <gypsum> treatment, <testing> results, <economic aspects> (2) enrichment techniques, attrition, flotation <Recommendations>, <statistics>

FREN

35 30

15226

1985

Onshuus, Erik O

UNIDO

(R) COSTA RICA ASISTENCIA AL CENTRO DE TECNOLOGIA DEL CUERO CETEC ESCUELA DE QUIMICA UNIVERSIDAD DE COSTA RICA SAN JOSE INFORME TECNICO CONCLUSIONES Y RECOMENDACIONES

TF/COS 82/001

Vienna, 1985 22 p tables

UNIDO-UNIDO-IO R 192

<UNIDO pub> <Expert report> on assistance to a <leather> technology <development centre> in <Costa Rica> - covers (1) annual production of <hides and skins> and present condition of the <leather industry> (2) <equipment> on hand in development centre (CETEC) and future needs (3) visits to and evaluation of <planting> enterprises and planning of centre's activities, <Recommendations> <Restricted>

SPAN

32 40

15227

1985

Monteiro, A D

UNIDO

SIERRA LEONE TECHNICAL REPORT PROPOSALS FOR ACTION ON INDUSTRIAL DEVELOPMENT

DP/SIL/83/001

Vienna, 1985 71 p tables

UNIDO-DP/ID/SER A/645

<UNIDO pub> <Expert report> on <economic development> and <industrial promotion> of specific projects in <Sierra Leone> - covers (1) rehabilitation proposals for <public sector> <palm oil> <fruit> processing, <fish meal> plants to be turned over to <private sector> (2) <investment promotion> efforts for <sugar industry>, <fish> smoking units, <building materials> (<stone>), <handicraft> and <small scale industry>s (3) development strategies and policies, <incentives>, <investment guarantees> for <foreign investment>s, estimates of <financial aid>, <costs> of <equipment>, <capital investment> requirements, <technical personnel> needs <Recommendations>, <job description>s

ENGL

14 60

15228

1985

Sinclair, Stuart

UNIDO

CHANGES IN THE INTERNATIONAL PATTERN OF PRODUCTION AND TRADE IN
CONSUMER ELECTRONICS.

Vienna, 1985 31 p tables, graphs.

<UNIDO pub> <Expert report> on major trends and <technological change>s in the consumer <electronics industry> - covers (1) <world production> and <trade> (2) <location of industry> influencing <prices> through offshore <processing> and <assembling> of <components>, <protectionism>, <joint venture>s, <licensing> agreements <automation> (3) the case of <Korea DPR> and the USA. Conclusions <Statistics>. Additional references: <television sets>, <telecommunications>, <transistors>, <radio sets>, <microelectronics>

ENGL

38 10

15229

1986

Snowden, Christopher M

UNIDO

A REVIEW OF THE STATE-OF-THE-ART OF GaAs RESEARCH

Vienna, 1986 1 v. 21 p graphs

UNIDO-UNIDO/IS 619

<UNIDO pub> on applications of gallium arsenide <integrated circuits> in <computer> technology - covers (1) advantages over <silicon> in high frequency speed performance, comparative characteristics of technologies (2) <market> prospects for small and medium scale integrated circuits; <laboratory> <research> efforts <testing> and <packaging> problems, <engineering design> requirements <Bibliography>

ENGL

36 20

15230

1985

Tetenyi, Peter

UNIDO

(R) ALGERIE RAPPORT TECHNIQUE DISPONIBILITE ET UTILISATION DES
PLANTES MEDICINALES DANS LA PRODUCTION PHARMACEUTIQUE.

JC-ALG 85/062

Vienna 1985 32 p

UNIDO-UNIDO/IO/R 176

<UNIDO pub> <Expert report> concerning use of native <medicinal plants> for the <pharmaceutical industry> in <Algeria> - covers (1) <institutional framework> responsible for industrial production of <pharmaceuticals> from indigenous <raw material>s, need for planned cultivation (2) need for a <laboratory> to exercise <quality control>, to make inventory of available plants; <drying> and <distilling> techniques, <organizational aspects>, <training> requirements <Recommendations>, <bibliography>, <Restricted>.

FREN

31 10

15231 1985

Mathelot, Pierre

UNIDO

(R) ALGERIE. RAPPORT TECHNIQUE PRODUCTION DE RECIPIENTS DE VERRE POUR
L'INDUSTRIE PHARMACEUTIQUE

UC/ALG/85/062

Vienna, 1985 17 p

UNIDO-UNIDO/10/R 184

<UNIDO pub> <Expert report> concerning the production of <glass>
<containers> for use by the <pharmaceutical industry> in <Algeria> -
covers (1) annual <domestic consumption> of <bottles> and glass
<packaging> objects (2) the availability of <raw materials> (
<sand>, <dolomite>, <feldspar>) (3) <capital investment> needs for
the establishment of a <factory>, <staff> <training> needs
<quality control>, <utilities> <Recommendations> <Restricted>

FREN

33 40

15232 1985

UNIDO

CONSULTATION ON THE PETROCHEMICAL INDUSTRY 3RD VIENNA 1985

THE DEVELOPMENT OF DOWNSTREAM PETROCHEMICAL INDUSTRIES IN DEVELOPING
COUNTRIES ISSUE NO 2

- LE DEVELOPPEMENT DES INDUSTRIES PETROCHIMIQUES D'AVANT DANS LES PAYS
EN DEVELOPPEMENT QUESTION NO 2

- EL DESARROLLO DE LAS INDUSTRIAS PETROQUIMICAS DE TRANSFORMACION EN
LOS PAISES EN DESARROLLO PUNTO NUM 2

Vienna, 1985 20 p

UNIDO-ID/WG 448/3

<UNIDO pub> on downstream exploitation of <petrochemicals>
<resources> in <developing countries> - covers (1) annual increase in
<demand> for <plastics>, <synthetic rubber> and <synthetic fibres>
their importance for the <economic growth> of DCs, need for
balanced ratio between <market> requirements and <domestic
production> (2) technical <innovations> in <small scale industries>
often enabling <entrepreneurs> to start a <petrochemical industry>,
<regional cooperation> and <government policy>s. Recommendations

ENGL FREN SPAN RUSS

35 10

15233 1986

E1-Toukhy, M Ezz Eldin

UNIDO

(R) EGYPT NATIONAL COUNTERPART REPORT ON THE INDUSTRIAL AND
TECHNOLOGICAL INFORMATION SYSTEMS

RP/RAF/85/621

Vienna, 1986 150 p tables, diagrams

UNIDO-UNIDO/IS/R 23

<UNIDO pub> <Expert report> on assistance in the establishment of
<information service> units in <Egypt> - covers (1) existing and
potential <information system>s, networks and users, the design and
implementation of the national scientific and technical information
network (STI), identification of focal points to be linked with
<INTIB> (2) guidelines for sectoral information services,
objectives, <organizational aspects> and <management>, electronic
<data bank>s, bilingual <computer> facilities, <marketing> of
information, <training programmes>, <staff> needs, annual <budget>

<Recommendations>, <bibliography>, <Restricted>.

ENGL
24 20

15234 1986

Nyonyi, N A
UNIDO

(R) TANZANIA NATIONAL COUNTERPART REPORT ON THE INDUSTRIAL AND TECHNOLOGICAL INFORMATION SYSTEMS

Vienna, 1986 71 p tables

UNIDO-UNIDO/IS/R 21

<UNIDO pub> <Expert report> on <information systems in <Tanzania> - covers (1) established and potential <information services> and <networks>, <institutional framework>, <small and <medium scale industry>s and <industrial enterprises as prospective users (2) <demand> for <consultants>, <industrial <seminars> <industrial extension> services, <audiovisual aids>, <translation services (3) <manpower> requirements and <training> needs, available <training programmes>. Annexes specific information needs of <INTIB> users <Bibliography>, <job description> <Restricted>

ENGL
24 20

15235 1985

Primo Miguel Cesar
UNIDO

NATIONAL WOF SHOP ON TECHNOLOGY TRANSFER, ATHENS, 1985

(R) SPANISH EXPERIENCE IN REGULATING TECHNOLOGY TRANSFER

Vienna, 1985 46 p

<UNIDO pub> <Expert report> on the experience of <technology transfer> in <Spain> - covers (1) the ratio between <domestic <research> and acquired <technology>, the four prevalent stages in the transfer of <technology (2) <legislation> providing for registration of <contracts>, the role of <UNCTAD>, <organizational aspects> of the contracts registry, its <regulations> and <processing> procedures, <contracts characteristics and criteria for their evaluation <development potential> of liberalization policies. Additional references, <license>s, <patents>, <EEC> <Restricted>

ENGL
24 30

15236 1985

UNIDO

INDUSTRIAL DEVELOPMENT REVIEW SERIES MALAYSIA

Vienna, 1985 88 p tables

UNIDO-UNIDO/IS 545

<UNIDO pub> on the <industrial development> of <Malaysia> with special reference to the <manufacturing> sector - covers (1) the <national economy>; recent <trends (2) structure and performance of the manufacturing sector <industrial growth> <export>s and <import>s of manufactures, ownership and <investment> patterns (3) plans, resources and institutions for industrial development

<development plan>s, <natural resources> and <human resources> for industrial development, <financial aspects>; <institutional framework>, <technical assistance> <Statistics>, <Bibliography>.

ENGL
14 60

15237 1985

UNIDO

SCHMIDBERGER, VIENNA

IN-PLANT GROUP TRAINING IN THE FIELD OF MOULD DESIGN AND MOULD MAKING, 8TH, VIENNA, 1985

(R) AUSTRIA TRAINING PROGRAMME IN THE FIELD OF MOULD DESIGN AND MOULD MAKING FINAL REPORT

Vienna, 1985 16 p illus

<UNIDO pub> <Report> on an <in-plant training> programme in the field of <moulds> design and mould making (conducted in <Austria>) - covers general scope and contents of the <training programmes> and gives information on <further training> activities <Agenda>, <list of participants>, <list of documents> Additional references: <injection moulding>, <thermosetting moulding>, <extruding> and <blow-moulding>, <plastics> <Restricted>

ENGL
37 10

15238 1985

Spence, Robin

UNIDO

LIME IN INDUSTRIAL DEVELOPMENT: A UNIDO GUIDE TO ITS USES AND MANUFACTURE IN DEVELOPING COUNTRIES. SECTORAL STUDIES SERIES NO 18.

Vienna, 1985 75 p tables, diagrams

UNIDO-UNIDO/IS 555

<UNIDO pub> on the uses and manufacture of <lime> in <industrial development> with special reference to <developing countries> - covers (1) the uses of lime in <agriculture>, <chemical industry>s, <food industry>s, <metallurgy>cal industries and for <building materials> (2) <choice of technology> for lime production <raw materials>, <energy> and <fuel>s, lime <kiln>s, <industrial safety> and <environment>al protection (3) <financial aspects> and <economic aspects> of lime production, <market> potential, <feasibility study> (4) a <case study> of small-scale lime production: Moshaneng limeworks in <Botswana> <site assessment>; <project implementation>, <marketing> and <prices>. <Diagram>s, <statistics>

ENGL
33 20

15239 1986

UNIDO

BAHRAIN INDUSTRIAL DEVELOPMENT REVIEW SERIES

Vienna, 1986. xiv, 62 p tables, graphs.

UNIDO-UNIDO/IS 592

<UNIDO pub> on <industrial development> in <Bahrain> - covers (1) <economic conditions> and trends; the <economic structure> (2) the

<manufacturing> sector: <productivity>, <structural change>, <trade> in manufactures, ownership patterns and <geographic distribution> (3) <industrial planning> and strategies; <institutional framework> (4) resources: <manpower>, <energy>, <agriculture>; <financing>, <banking> <Statistics>, <bibliography>

ENGL
14.60

15240 1985
UNIDO

OVERVIEW OF MINING AND MINERAL RESOURCE-BASED INDUSTRIES IN THE SOUTHERN AFRICAN DEVELOPMENT CO-ORDINATION CONFERENCE (SADCC) SUBREGION

Vienna, 1985 76 p tables
UNIDO-UNIDO/IS 560

<UNIDO pub> on <mining> and <mineral resources>-based industries in <Africa South of Sahara> - covers (1) mineral deposits and mineral <export>s (2) SADCC <government policy>s and mining in <Angola>, <Botswana>, <Malawi>, <Mozambique>, <Swaziland>, <Tanzania>, <Zambia>, <Lesotho> and <Zimbabwe> (3) industrial <processing> in the SADCC region (4) <cooperation> <Bibliography>, <statistics> Additional references <metallurgy>, <iron and steel industry>, <nonferrous metals>, <petrochemicals>, <petrochemical industry>, <fertilizer> <supply>, <potash>, <phosphate>

ENGL
11.20

15241 1985
Eppert, Guenter J
UNIDO

INDIA IMPROVEMENT OF TESTING AND EVALUATION FACILITIES NATIONAL TEST HOUSE, CALCUTTA, PHASE II. TECHNICAL REPORT TESTING AND ANALYSIS OF INDUSTRIAL EFFLUENTS.

DP/IND/82/007
Vienna, 1985 30 p. tables
UNIDO-DP/ID/SER A/636

<UNIDO pub> <Expert report> on <effluent treatment> based on experience in <India> - covers (1) <equipment> available at the National Test House for <testing> and analysis of industrial effluents (2) identification and determination of relevant classes of organic compounds and priority <pollutants> in industrial waste <water>s (3) <instruments> required for effective <chemical analysis> of industrial effluents Appends contents of relevant lectures <Recommendations>. Additional references <laboratory>, <quality control>, <standards>

ENGL
11.30

15242 1985
Ramachandran, A.
UNIDO

ZIMBABWE, PHARMACEUTICAL INDUSTRY DEVELOPMENT. TECHNICAL REPORT TRANSFER OF TECHNOLOGY.
SI/ZIM/84/802

Vienna, 1985. 42 p.
UNIDO-DP/ID/SER A/639

<UNIDO pub> <Expert report> on development of <pharmaceutical industry> in <Zimbabwe> with special reference to <technology transfer> - covers: present status of the industry; <feasibility study>; <equipment>; <industrial safety>; <engineering> industry; <raw materials> <supply>; Appendix lists <production costs>; <equipment costs>; <training> requirements outside the country and technical information on various drugs.

ENGL
35 60

15243 1985

Watts, Brian 8

UNIDO

REGIONAL NETWORK FOR PRODUCTION, MARKETING AND CONTROL OF PESTICIDES
IN ASIA AND THE FAR EAST TECHNICAL REPORT THE PESTICIDE
REGISTRATION SCHEME IN SRI LANKA

DP/RAS/82/006

Vienna, 1985. 24 p.

UNIDO-DP/ID/SER A/637

<UNIDO pub> <Expert report> on the registration of <pesticides> in <Sri Lanka> - covers (1) the pesticide registration scheme publicity and <training>; authorized <staff>; <regulations> (2) registration <data recording>; <labelling>; <packaging> and <storage> (3) <legal aspects>; problems of <toxicity>; relevant <evaluation>; <information centre> (4) <chemical analysis>; <laboratory> and <equipment> Appends: a list of registered products 1984/85 <Recommendations>

ENGL
35 40

15244 1985

UNIDO

SUDAN INDUSTRIAL DEVELOPMENT REVIEW SERIES

Vienna, 1985. 63 p. tables, graphs, diagrams

UNIDO-UNIDO/IS 541

<UNIDO pub> on the <industrial development> of the <Sudan> - covers (1) the <national economy>; recent <trends>; economic structure (2) structure and performance of the <manufacturing> sector <structural change>; <exports> and <imports> of manufactured goods; <investment> patterns and size distribution (3) <government policy>; <institutional framework> for industry (4) <human resources>; <raw materials>; <energy>; <technical assistance> to industry <Statistics>; <Bibliography>

ENGL
14 60

15245 1985

UNIDO

PERU INDUSTRIAL DEVELOPMENT REVIEW SERIES

Vienna, 1985. 73 p. tables, diagrams

UNIDO-UNIDO/IS 552

<UNIDO pub> on the <industrial development> of <Peru> - covers (1)

the Peruvian <national economy>; recent <trend>s (2) structure and performance of the <manufacturing> sector; <economic growth> and <structural change>; <employment>; <export>s and <import>s of manufactured goods; <diversification>; ownership and <investment> patterns (3) industrial development strategies; <government policy>s; <institutional framework> for industry (4) resources for industrial development; <human resources>; <raw material>s; <energy source>s; <financial aspects>; <foreign aid>; <technical assistance> to industry <Statistics>; <bibliography>.

ENGL
14.80

15246 1985

UNIDO

REGIONAL EXPERT CONSULTATION ON THE ROLE OF RURAL CO-OPERATIVES IN THE PRODUCTIVE SECTOR IN AFRICA, ADDIS ABABA, 1985

POLICIES AND MEASURES TO PROMOTE INDUSTRIAL CO-OPERATIVES IN AFRICA.

Vienna, 1985. 23 p. tables

UNIDO-UNIDO/IS 561

<UNIDO pub> on the promotion of <industrial cooperative>s in <Africa> - covers African <industrialization>; <import> dependence, problems of <competitiveness> and efficiency, foreign <debt>edness; <choice of technology>; <industrial policy>; <income distribution>; <small scale industry>; <preinvestment study>s; <marketing>; <Statistics>.

ENGL
21.70

15247 1985

Francis, C.R.

UNIDO

(R) DOMINICA. WOODEN BRIDGE CONSTRUCTION. TECHNICAL REPORT. STRENGTH GROUPING OF TIMBERS.

UC/DMI/83/095

Vienna, 1985. 40 p. tables

UNIDO-UNIDO/IO/R. 173

<UNIDO pub> <Expert report> on strength grouping of <timber>s applicable to construction of <wood>en <bridges> - covers: the <Australia>n strength grouping system; <definition> of structural properties; strength grouping methods; stress <grading>; <drying>; <wood processing>; <wood technology>; <Bibliography>; <statistics>; <Restricted>.

ENGL
32.10

15248 1985

Judet, Pierre

UNIDO

CONSULTATION ON THE IRON AND STEEL INDUSTRY, 4TH, VIENNA, 1986

LES PROBLEMES FINANCIERS ET LE DEVELOPPEMENT DE L'INDUSTRIE

SIDERURGIQUE.

- LOS PROBLEMAS FINANCIEROS Y EL DESARROLLO DE LA INDUSTRIA SIDERURGICA
- FINANCIAL PROBLEMS AND THE DEVELOPMENT OF THE IRON AND STEEL INDUSTRY.

Vienna, 1986. 62 p. tables.

UNIDO-ID/WG.458/10

<UNIDO pub> on problems of <financing> new <iron and steel industry> in <developing countries> - covers (1) the <capital market>; constraints affecting <industrial projects> in this sector; projects suspended or cancelled; <project implementation> (2) new <production capacity>s 1982-1990 (3) the <costs> of projects; <source of funds>; <cost of capital>; ways to improve the situation; <credits> available for financing <infrastructure> and <training> <Statistics>

FREN SPAN ENGL

36 10

15249

1985

Fitzer, Erich

UNIDO

(R) BRAZIL OPTIMIZATION AND DEVELOPMENT OF CARBON FIBRES

ST/BRA/81/101

Vienna 1985 Various pagings. illus

<UNIDO pub> <Expert report> on development of <carbon fibres> in <Brazil> - covers polymerization, the <spinning> work, stabilization <experiment>s in <laboratory> scale, <pilot plant> for stabilization treatment, the transformer of the <carbonization> <furnace> <Project evaluation> Appends <project document> <Restricted>

ENGL

35 30

15250

1986

Behull, B

UNIDO

INDUSTRIAL POLICY IN THE DEVELOPING COUNTRIES. AN ANALYSIS OF LOCAL CONTENT REGULATIONS

Vienna, 1986 x 95 p tables

UNIDO-UNIDO/IS 606

<UNIDO pub> on <industrial policy> in the <developing countries>, with special reference to <domestic content> <regulations> pertaining to the <motor vehicle industry> - covers (1) <definition> of local content; concept; <cost-benefit analysis>; <legislation> (2) desk studies relating to automotive industry in <Brazil>; <Argentina>; <Mexico>; <Peru>; <India>; <Korea R>; <ASEAN> countries (3) the local content discussion in the <developed countries> (4) conclusions on local content as a policy for <industrial development> Tables; <bibliography> Additional references: <economy of scale>; <production costs>; <protectionism>; <macroeconomics>; <USA>

ENGL

26 10

15251

1986

Dobos, Gyorgy

UNIDO

(R) TECHNOLOGICAL ALTERNATIVES IN THE ALUMINIUM INDUSTRY.

Vienna, 1986 134 p tables, diagrams.

<UNIDO pub> <Expert report> on development of technological alternatives in the <aluminium industry> in <developing countries> - covers (1) present <supply and demand> of <aluminium>; <prices>; <energy economics>; <recycling> (2) <bauxite> <mining>; <processing> techniques; <production costs>; <smelting>; <casting>; <rolling> <extruding>; <moulding>; <semimanufactured products> (3) <alloys> development; <research programmes>; <economic aspects> for <relocation of industry>; possibilities of <north-south> <cooperation>; <TCDC> <choice of technology> <role of UNIDO> <Recommendations> <Bibliography> <Restricted>

ENGL
36 10

15252 1985

Marenzi, Louis

UNIDO

(R) RP CONGO ASSISTANCE AU DEVELOPEMENT DES PETITES ET MOYENNES
ENTREPRISES RAPPORT DE MISSION

DU/PRC/84/007

Vienna, 1985 67 p tables

<UNIDO pub> <Expert report> on assistance to development of medium and small scale industries in <Congo PR> (reference <wood technology>) - covers (1) the <export> of <forest products> the extent of domestic <forest product processing> limited to small <private enterprises engaged in sawing of <tropical timber>; making of <furniture> and <veneers> (2) <transport> constraints; estimate of <investments> the <market> and channels of <distribution> <foreign trade>; <competition> <long term> <development potential>; <industrial promotion> activities for <drying> <production of wood> <coal>; <matches> <particle board>; <wooden housing> <utilization of <wood wastes> <government policy> <Recommendations> <Restricted>

FREN
32 10

15253 1985

Adamczyk, Czeslaw

Kowalski, Wieslaw

Natkaniec, Jerzy

UNIDO

(R) KOREA DPR IMPROVEMENT OF PRODUCTION OF ALLOY STEEL IN BASIC
OXYGEN FURNACE FINAL REPORT

DI/DRK/84/801

Vienna, 1985 103 p tables, diagrams

<UNIDO pub> <Expert report> on assistance to <iron and steel industry> in <Korea DPR> - covers (1) the basic <oxygen> <furnace> technology for the production of high quality <steel> <alloys>; the production of stainless steel (2) guidelines for improvements in indigenous <metallurgy> to produce new steels with low <capital investment> and to develop modern secondary steel making processes; <training> of <counterpart personnel> <Recommendations>; <bibliography> <Restricted>

ENGL
36 10

15254

1986

Bankowski, Jacek

Wysocki, Adam

UNIDO

GUIDELINES FOR THE ESTABLISHMENT OR REDESIGN OF INDUSTRIAL AND TECHNOLOGICAL INFORMATION SERVICE SYSTEM, INCLUDING SELECTION OF SOFTWARE AND HARDWARE

Vienna, 1986 x1, 141 p. tables, diagrams

UNIDO-UNIDO/IS 597

<UNIDO pub> <Handbook> for industrial and technological <information service> systems, including <electronic data processing> - covers (1) concept formulation of an industrial <information system> at the <national level> (2) identifying <industrial information> needs (3) evaluation of existing information activities, their improvement (4) generation of information, <data collecting>, <information processing> and dissemination, etc. (5) accessing internal and external information sources, <information exchange> (6) main categories and forms of information (7) <specifications> for <computers> and <computer programmes>, software selection (8) operation of an <information centre> <Diagrams>, <bibliography>

ENGL

01 20

15255

1986

Gabbay, M

UNIDO

(R) LIBERIA MANAGEMENT DIAGNOSIS AND INDUSTRIAL REHABILITATION TERMINAL REPORT

RP/RAF/85/609

Vienna, 1986 75 p. tables, diagram, illus

<UNIDO pub> <Final report> on a <survey> regarding industrial <management> and <factory organization> in <Liberia> - covers (1) reasons for difficulties facing <industrial enterprises>, <productivity> estimates (2) companies visited, notes on problems encountered, <financial aspects>, <technical assistance>, <training>, <Recommendations>, <statistics>, <Restricted>

ENGL

22 10

15256

1985

El Saadany, Mahmoud Mohamed

UNIDO

TANZANIA STRENGTHENING OF THE NATIONAL TEXTILE CORPORATION (TEXCO) TECHNICAL REPORT MECHANICAL ENGINEERING DEVELOPMENT

DP/URT/78/018

Vienna, 1985 23 p. tables

UNIDO-DP/ID/SER.A/643

<UNIDO pub> <Expert report> on mechanical <engineering> in <Tanzania>, with special reference to <textile industry> - covers

project objectives; preventive <maintenance and repair>; <spare parts>; <training programmes>; <consulting>; <energy saving>; <energy conservation>; the national <textiles> corporation; <training> of local <staff>; relevant <seminar>; <Recommendations>; <job description>.

ENGL
32 30

15257 1985

Liscic, B.

UNIDO

BANGLADESH ASSISTANCE TO BANGLADESH MACHINE TOOLS FACTORY IN THE FIELD OF HEAT TREATMENT TECHNICAL REPORT.

DP/BGD/79/036

Vienna, 1985 42 p. tables.

UNIDO-DP/ID/SER A/655

<UNIDO pub> <Expert report> on assistance to <Bangladesh> <machine tool industry> in the field of <heat treatment> - covers project background; designing and supervision of heat treatment process; martempering process (i.e. a quenching process in hot <salt> bath); austempering (to improve toughness and ductility of parts); improvement of existing heat treatment <equipment>; relevant methods for <testing>; <chemical analysis>; appropriate <steel> grade; <quality standards>; <specifications>; <industrial safety>; <training>; <factory> visits <Recommendations> Additional references: <alloys>; <carbon>; <machining>; <engineering design>; <furnace>

ENGL
36 30

15258 1985

Fath, Janos

UNIDO

EXPERT GROUP MEETING ON WOMEN IN AGRO-INDUSTRIES. VIENNA, 1985 WOMEN AND THE GROWTH OF AGRO-INDUSTRIES IN DEVELOPING COUNTRIES

Vienna, 1985 101 p. tables, diagrams

UNIDO-ID/WG 452/1

<UNIDO pub> on <women> and the growth of <agro-industry> in <developing countries> - covers (1) structural characteristics: <product mix>; <commodities> <supply> systems; <choice of product> (2) the <industrial growth> pattern of agro-industries (3) agro <food industry>s: <market> <demand> for <food> products; <animal products>; <vegetable oils>; <oils and fats> industry (4) <transnational corporations>; <statistics> Additional references: <textile industry>s, <leather> and <leather goods> industry, <wood>; <wood products>; <natural fibres>; <furniture> making, <choice of technology>; <labour>; <training>.

ENGL
23 30

15259 1985

Rahman, Abdur

UNIDO

CHANGING STRUCTURES OF EMPLOYMENT, OUTPUT AND TRADE IN THE

MANUFACTURING SECTOR OF DEVELOPED AND DEVELOPING COUNTRIES.
Vienna, 1985. 31 p. tables.

....

<UNIDO pub>. <Expert report> on <structural change> in the <manufacturing> sector of <developed countries> and <developing countries> - covers (1) changes in the composition of <employment>, output and <trade>, <EEC> and <EFTA> country-specific developments (2) differing <industrial growth> performance in newly-industrialized and new exporting countries (3) <exports> and <imports>; developed <market economy> exports of <capital goods> and imports by DCs (4) structural change in an industry perspective. <Statistics>

ENGL
14 60

15260 1985

E1-Sayraf1, Sami A.

Laila, Abdelhameed A

UNIDO

(R) A STUDY OF THE PLASTICS INDUSTRY IN THE WEST BANK AND GAZA STRIP.
UC/PAL/83/045

Vienna, 1985. 41 o. tables

<UNIDO pub> <Expert report> on the <plastics industry> in the West Bank and Gaza Strip - covers (1) production methods <appropriate technology>, <quality standards> (2) <machinery> and <equipment>, <raw materials> (3) <skilled workers>, <training> (4) <competition> <domestic market>, <exports> <Recommendations>, <statistics>. Additional references <polyvinyl chloride>, <polyethylene>, <rubber>, <power supply>, <industrial safety>, <Arab countries>. <Restricted>

ARAB, ENGL
35 70

15261 1986

E1-Toukhy, M. Ezz Eldin

Yudin, A

UNIDO

(R) TANZANIA COUNTRY REPORT ON THE INDUSTRIAL AND TECHNOLOGICAL INFORMATION SYSTEMS

RP/RAF/85/621

Vienna, 1986. 22 p. diagram

UNIDO-UNIDO/IS/R 31

<UNIDO pub> on <industrial information> systems in <Tanzania> - covers (1) assessment of existing and potential <information service>s and establishment of a national focal point for <INTIB> at an industrial <research centre> (TIRDO) and connected networks (2) <organizational aspects>, use of <computer>s, <information processing>, assessment of users, type of <technical information> needed, <staff> requirements, <budget>, development strategy <Recommendations> <bibliography>, <questionnaire> <Restricted>

ENGL
24 20

15262 1985

Romani, Carlos Manuel

UNIDO

THE MULTIPURPOSE APPROACH TO MANUFACTURING AGRICULTURAL MACHINERY IN SMALL-AND MEDIUM-SCALE ENTERPRISES IN LATIN AMERICAN COUNTRIES AND THE ROLE OF INTERNATIONAL CO-OPERATION AMONG THE COUNTRIES OF THE REGION

Vienna, 1985 134 p tables

<UNIDO pub> <Expert report> on the manufacture of <agricultural machinery> in small scale and medium scale <Latin American> <enterprises> - presenting country reports on <Brazil>, <Chile>, <Colombia>, <Costa Rica> and <Guatemala> covering (1) <size of enterprise>, <small scale industry> and <medium scale industry>, <agricultural mechanization>, <domestic production> (2) <market information>, <domestic market>, <foreign trade>, <imports and exports>, <distribution> and <financing> (3) the multipurpose approach <regional level> strategy <regional cooperation> Project findings and <recommendations> <statistics> Additional references <technology transfer> <ECDC>

ENGL

37 20

15263 1986

Banda Jackson

UNIDO

(R) ZAMBIA NATIONAL COUNTERPART REPORT ON THE INDUSTRIAL AND TECHNOLOGICAL INFORMATION SYSTEMS

Vienna, 1986 71 p

UNIDO-UNIDO/IS/R 20

<UNIDO pub> on the role of technological and <industrial information> in <Zambia> - covers (1) objectives of the National Council for Scientific <research> (NCSR) <institutional framework> connected with the country's <industrial development> existing and potential <information systems and users> (2) activities in <research and development>, <education> and <training>, <rural development>, promotion of <small scale industries and agriculture>, utilization of local <raw materials> need to strengthen links with <INTIB> <Recommendations> <Restricted>

ENGL

24 20

15264 1985

Tolentino, Arturo L

UNIDO

(R) THE LOCAL STUDY MISSION AND THE ASSOCIATION BUILDING PROJECTS APPROACHES TO SME DEVELOPMENT

Vienna, 1985 31 p

<UNIDO pub> <Expert report> on the role of <small scale industry> and <medium scale industry> in <economic development> based on experience in the <Philippines> - covers (1) the role of the Philippine <productivity> and <development centre> in promoting <rural area> <employment>, mobilizing <human resources> utilizing <natural resources> and in developing <industrialization> (2)

<technical assistance> to small scale and medium scale <industrial enterprise>s in rural areas (3) <domestic market>, <export>s, <financing>, <knowhow>, <marketing> information (4) <management development>, <factory> visits, <workshop>s (6) sectoral productivity improvement programmes Restricted

ENGL
21 40

15265 1985

Robinson, Norman

UNIDO

ROUND-TABLE DISCUSSIONS ON THE DEVELOPMENT OF PHOSPHATES AND PHOSPHATE FERTILIZER INDUSTRY IN DEVELOPING COUNTRIES. GAFSA, TUNISIA 1985 THE ROLE OF IMPURITIES IN DETERMINING THE PERFORMANCE OF PHOSPHORIC ACID MANUFACTURE BY THE HEMIHYDRATE PROCESS

Vienna, 1985 11 p tables

UNIDO-ID/WG 453/1

<UNIDO pub> on the role of impurities in determining the performance of <phosphoric acid> manufacture by the hemihydrate process (reference <fertilizer industry> - covers impurities in <phosphate> <mineral resources>, <calcium carbonate>s <silicon dioxide>, <fluorine>, metallic impurities - testing procedures physical and chemical properties, <pilot plant> and <corrosion> tests, <chemical analysis>)

ENGL
35 30

15266 1985

UNIDO

INDUSTRIAL INVESTMENT PROJECTS PROMOTION IN ARAB COUNTRIES

Vienna, 1985 44 p tables

UNIDO-UNIDO/IO 623

<UNIDO pub> on industrial <investment promotion> in <Arab countries> - covers (1) investment projects as an essential part of the development process, commercial, economic and strategic viability ("project development cycle") (2) promotion of industrial investment projects pre <feasibility study>, viability assessment, full feasibility study, industrial investment <project implementation>, infrastructural, financial and legal constraints (3) <project selection>, preparation and <evaluation> (4) the role of UNIDO - the <UNIDO> computerized investment promotion system and investment promotion services, <organizational aspects>. Additional references <developing countries>, <intergovernmental organizations>, <ECDC>

ENGL
29 20

15267 1986

E1-Toukhy, M Ezz Eldin

Yudin, A

UNIDO

(R) KENYA COUNTRY REPORT ON THE INDUSTRIAL AND TECHNOLOGICAL INFORMATION SYSTEMS

RP/RAF/85/621

Vienna, 1986 22 p
UNIDO-UNIDO/IS/R 32

<UNIDO pub> on the role of technological <industrial information> systems in <Kenya> - covers (1) existing and potential <information systems> and <information service>s and users, <institutional framework> (2) links with <INTIB> and proposals for improved <electronic data processing>, establishment of network of <information centre>s (3) INTIB contribution in form of <equipment> <financial aid>, <technical assistance>, <training programmes> <Recommendations>, <questionnaire>, <documentation>. <Restricted>

ENGL
24 20

15268 1985

Fortune, J C

UNIDO

(R) KENYA INDUSTRIAL ESTATES MANAGEMENT AND MAINTENANCE. TERMINAL REPORT

DP/KEN/85/002

Vienna 1985 10 p tables, diagrams

<UNIDO pub> <Expert report> on <industrial estate>s <management> and <maintenance and repair> in <Kenya> - covers: project objectives, construction <specifications>, <site assessment>, constraints, fire fighting <equipment>, <UNIDO> - <UNDP> <technical assistance> <Recommendations> <Diagram>s, <maps>. <Restricted>

ENGL
14 70

15269 1986

Muraskiewicz, M

Tomic, P

UNIDO

(R) CAMEROUN RAPPORT NATIONAL SUR LES SYSTEMES D'INFORMATION INDUSTRIELLE ET TECHNIQUE.

RP/RAF/85/621

Vienna, 1986 36 p.

UNIDO/UNIDO/IS/R 38

<UNIDO pub> on the role of technological and <industrial information> in <Cameroon> - covers (1) <institutional framework>; existing and potential <information system>s and <information service>s and users (2) type of information required, <Government policy> concerning establishment of information network and links with <INTIB>, need for <training programmes> <Recommendations>, <questionnaire>, <documentation> <Restricted>.

FREN
24 20

15270 1986

Patterson, R. Stuart

UNIDO

(R) CHINA TECHNICAL REPORT: SUGAR REFINING TECHNOLOGY AND LATEST EQUIPMENT FOR REFINERY

DP/CPR/82/005

Vienna, 1986. 29 p.

UNIDO-DP/ID/SER. A/688

<UNIDO pub> <Expert report> on assistance to <sugar industry> in <China> - covers (1) present production of <cane sugar> and <beet sugar>, future <demand>, technologies in use for <sugar> <refining> and <processing> (2) <seminar> on <equipment> <specifications>; the purchase of <second hand equipment>, the handling and testing of the <sugar cane>, increase of <research and development> activities (3) the association of Sugar Industry Technologists (SIT), utilization of <bagasse>; <health> and sugar; visits to <factory>s. <Recommendations>. <bibliography> <Restricted>

ENGL

31.30

15271

1986

de Noblens, Francois

UNIDO

(R) SENEGAL RAPPORT TECHNIQUE INDUSTRIES MECANQUES ET METALLURGIQUES

DP/SEN/85/006

Vienna, 1986. 25 p.

UNIDO-DP/ID/SER. A/686

<UNIDO pub> <Expert report> on assistance to <metallurgy> and <machinery industry>s in <Senegal> - covers (1) extent of the <metalworking industry> in <aluminium> and <metal sheet> for <consumer goods>, <packaging> materials, <electrical equipment>, <foundry>s, <manufacturing> of <spare parts> and <maintenance and repair> activities for <ships> (2) <equipment> and <machinery>, utilization of <production capacity>; <protectionism>, <development potential>, possibilities for <diversification>; <training> needs <Recommendations>. <Restricted>

FREN

36.10

15272

1985

Maclaren, R J

UNIDO

TYRE MANUFACTURE IN THE SUDAN.

SI/SUD/84/801

Vienna, 1985. 13 p tables.

<UNIDO pub> <Expert report> on the manufacture of <tires> in <Sudan> - covers the <domestic market> situation; <import restrictions>; <quality control>; <productivity>; <costs>, <training>

ENGL

32.50

15273

1986

Briner, E.

UNIDO

(R) GHANA TECHNICAL REPORT: ASSISTANCE IN PLAN PREPARATION FOR THE TEXTILE SUB-SECTOR.

DP/GHA/82/030

Vienna, 1986 46 p tables

UNIDO-DP/ID/SER A/687

<UNIDO pub>. <Expert report> on assistance to the <textile industry> in <Ghana> - covers (1) <production capacity> in <spinning>, <weaving>, <knitting>, <fabric processing>, <clothing manufacture, condition of <equipment>, <sewing machines>, level of <quality control> (2) <labour productivity>, <production costs>, <labour costs>, <market>, <import> system and allocation of <foreign exchange> the <textiles> subsector and the <national plan> <Recommendations> <statistics> <Restricted>

ENGL
32 30

15274

1985

Moavenzadeh, Fred

UNIDO

REPUBLIC OF KOREA ASSISTANCE TO THE KOREAN INSTITUTE OF CONSTRUCTION TECHNOLOGY (KICT) TECHNICAL REPORT A BRIEF OVERVIEW AND STUDY OF THE SOUTH KOREAN CONSTRUCTION AND CONSTRUCTION MATERIALS INDUSTRIES S: ROK/84/80

Vienna 1985 96 p tables graphs diagrams

UNIDO-DP/ID/SER A/628

<UNIDO pub> <expert report> on <building materials> and <construction industry> in <Korea R> - covers (1) project background, the international construction operations, the role of the <Middle Eastern> <market>, <industrial growth> (2) the role of the construction materials industry <production capacity>, <costs>, <choice of technology> <glass industry>, <cement industry>, <machinery> and <equipment>, <capital intensive> (3) <government policy>, <institutional framework> constraints, <Recommendations>, <diagrams>, <statistics> Additional references <glass>, <cement>, <plywood>, <steel>, international <cooperation>

ENGL
33 20

15275

1985

Radonjic, B

UNIDO

STUDY ON THE ESTABLISHMENT OF LABORATORIES FOR ALUMINIUM SEMI-FABRICATED PRODUCTS

Vienna 1985 76 p tables diagrams

UNIDO-UNIDO/10 621

<UNIDO pub> on the establishment of <laboratory>s for <aluminium> <semimanufactured products> with special reference to <developing countries> - covers (1) semi-manufacturing processes and products (a) the three-stage process of aluminium production (<bauxite> <mining>, refining to <alumina>, producing the primary aluminium metal) (b) pattern and prospect of aluminium <consumption> in <developed countries> and DCs (2) structure and properties of aluminium <alloys>, chemical composition, mechanical properties, electrical properties (3) required standard of products; <quality control> (4) functions of laboratories for <testing> of semi-manufactured products. Additional references: <aluminium industry>, <chemical analysis>, <equipment>, <instruments>, <training> requirements <Statistics>, <bibliography>.

ENGL
36 20

15276

1985

Tracy, D

UNIDO

PAKISTAN TECHNICAL REPORT DEVELOPMENT AND DEMONSTRATION OF PATTERNS
AND SAMPLES FOR HIGH QUALITY SMALL LEATHER GOODS AND LADIES
HANDBAGS

DP/PAK/79/022

Vienna 1985 66 p diagrams

UNIDO-DP ID SER 4/635

<UNIDO pub> <Expert report> on the development of patterns for
high quality small <leather goods> in <Pakistan> - covers (1)
<equipment> <tools> and <machinery> (2) <counterpart personnel>
<training> (3) the Leather Products <Development Centre> (LPDC) in
Karachi its <workshop> (4) <industrial training programmes>
<Recommendations> Additional reference <leather>

ENGL

32 40

15277

1985

de Bennis, Gerard Destanne

UNIDO

(R) ETUDE POUR L'EVALUATION DU SYSTEME DE CONSULTATIONS RAPPORT FINAL
Vienna 1985 103 p

<UNIDO pub> <Final report> on <evaluation> of the consultations
system - covers the origin of the system of consultations in the
Lima Declaration and Plan of Action, the concept of <industrial
redeployment>, the role of UNIDO, <methodology> of the system
<global study>, <industrial study>, <experts priorities>
<industrial sectors>, <technology>, Annexes, the case of the
<pharmaceutical industry> <Restricted>

FREN

22 10

15278

1985

Vranken, L

UNIDO

(R) ALGERIE RAPPORT TECHNIQUE FORMULATION ET CONDITIONNEMENT DES
PRODUITS PHARMACEUTIQUES

UC/ALG/85/062

Vienna 1985 126 p tables, diagrams

UNIDO-UNIDO/10/R 189

<UNIDO pub> on assistance to the reorganization of the
<pharmaceutical industry> in <Algeria> - covers (1) visits to
<enterprises>, <laboratory>, <staff>, <location of industry>,
condition of <equipment>, type of <pharmaceuticals> produced (2)
<sterilization> facilities, <storage>, <utilities>, <equipment>
requirements, rationalization measures, <organizational aspects>,
<costs> <Recommendations>, <statistics> Additional references
<contraceptives>, syrups, toothpaste, creams <Restricted>

FREN

35 60

15279

1985

UNIDO

ENVIRONMENTAL CONSIDERATIONS RELATING TO THE PETROCHEMICAL INDUSTRY
SECTORAL WORKING PAPERS SERIES, NO 40

Vienna, 1985 13 p

UNIDO-UNIDO/IS 580

<UNIDO pub> on <pollution control> in connection with
<petrochemical industry>s - covers (1) appropriate techniques to
protect <environment> from emission of <hydrocarbons> containing
<toxicity> (2) <waste disposal>, <waste utilization> of discharges
and wastewaters, biological treatment, <recycling>, management of
solid and hazardous <industrial wastes>, <energy> <costs>, need for
<regulations> to prevent long-term economic effects of industrial
<pollution> <Recommendations>, <questionnaire>

ENGL

35 10

15280

1985

Strout, Alan M

UNIDC

STRUCTURAL DETERMINANTS OF SOUTH-SOUTH TRADE EXPANSION THEIR
IMPLICATIONS FOR THE TRIANGULAR INDUSTRIAL TRADE AND COOPERATION
AMONG OPEC, NICS AND LDCS

Vienna, 1985 88 p tables

UNIDO-UNIDO/IS 589

<UNIDO pub> <Expert report> on non-<fuel> manufactured <exports>
and <imports> and <South-South> <trade> - covers (1) the effects of
structural variables in the foreign trade of 79 countries for the
base year 1977, 1987 and 1997, data sources for <OPEC> newly
industrialized (NIC) and <least developed countries> (LDC),
methodology (2) trade determining factors <commodities>
<classification> system <natural resources>, <gross domestic
product>, commodity patterns of <manufacturing>, trade <trends>,
<population> growth) <Bibliography>, <statistics>

ENGL

16 10

15281

1986

UNIDO

(R) RESTRUCTURING THE MEXICAN TEXTILE INDUSTRY: TOWARDS A PROGRAMME OF
ACTION

Vienna, 1986 19 p

UNIDO-UNIDO/IS/R 42

<UNIDO pub> on assistance to <structural change>s in the <textile
industry> in <Mexico> - covers (1) criteria for selection of
<enterprise>s to receive <government contribution>s and <financing>
by <banks> (2) the role of <trade liberalization>, <productivity>
and <modernization>, the role of <labour>, <institutional
framework> involving Government, industry and labour (3) need for
study of fashion and <product design>, <markets>, <commercialization>, <research and development>, <training>,
<regional development>, <decentralization>, <Recommendations>

<Restricted>

ENGL
32 30

15282

1985

UNIDO

THIRD CONSULTATION ON THE PETROCHEMICAL INDUSTRY, VIENNA, DECEMBER 1985
THE PETROCHEMICAL INDUSTRY IN DEVELOPING COUNTRIES PROSPECTS AND
STRATEGIES SECTORAL STUDIES SERIES NO. 20, VOLUME I & II

Vienna, 1985. 2 vol. 252 p. tables, questionnaire, diagrams

UNIDO-UNIDO/IS 572

UNIDO-UNIDO/IS 572/Add 1

<UNIDO pub> on present and future developments in the
<petrochemical industry> with special reference to <developing
countries> - covers (1) structure of the <chemical industry>, world
<trade> <statistics>, the DCs (2) world <energy source>S, world
<consumption>, the role of <technology> and <research>, utilization
of <biomass>, <intermediates> (3) problems of restructuring,
<costs>, <investment>S, <marketing>, <environment> protection (4)
<synthetic rubber>, <plastics>, relation between regional <demand>
and <production capacity>, possible strategies. Conclusions
<Recommendations> <statistics>

ENGL
35 10

15283

1986

E1-Toukhy, M. Ezz Eldin

Yudin, A.

UNIDO

(R) NIGERIA. COUNTRY REPORT ON THE INDUSTRIAL AND TECHNOLOGICAL
INFORMATION SYSTEMS

RP/RAF/85/621

Vienna, 1986. 18 p. diagrams

UNIDO-UNIDO/IS/R 29

<UNIDO pub> <Expert report> on <industrial information> systems in
<Nigeria> - covers (1) existing and potential <information
service>S and establishment of focal point for <INTIB> at an
industrial <research centre> (FIRO) and a connected network for
<information processing> of industrial and <technical information>
(2) <Government policy>, estimate of <staff> needed and of
<budget>, use of <computer>S <Recommendations>, <bibliography>,
<questionnaire> <Restricted>

ENGL
24 20

15284

1986

Sandberg, Finn

UNIDO

(R) BOTSWANA. PREPARATORY MISSION ON THE VIABILITY OF PRODUCING PLANT-
DERIVED PHARMACEUTICALS AND THE ESTABLISHMENT OF A LABORATORY TO
INVESTIGATE THE CHEMISTRY AND PHARMACOLOGY OF HERBAL MEDICINE. FINAL
REPORT.

RP/BOT/85/001

Vienna, 1986. 52 p. tables, maps

UNIDO-UNIDO/PC/R 15

<UNIDO pub>. <Final report> regarding development of
<pharmaceutical industry> based on <medicinal plants> in <Botswana>
- covers (1) <research> capabilities; present progress in
cultivating and post-harvest treatment of medicinal and <aromatic
plants>; preliminary <market> research (2) project proposal
concerning establishment of a <laboratory>; plants species to be
cultivated, extraction, formulation and <packaging> (3) <financial
aspects>, <economic analysis>. Annexes 1. a. list plants presently
grown and to be cultivated within the project <Statistics>.
<maps> Additional reference Harpagophytum procumbens
<Restricted>

ENGL
31 10

15285 1985

Strzelecki, Janusz

UNIDO

(R) ARGENTINA ASSISTANCE TO THE INSTITUTO NACIONAL DE TECNOLOGIA
INDUSTRIAL (INTI), BUENOS AIRES, TO DEVELOP A SPANISH VERSION OF THE
COMPUTERIZED REGISTRY INFORMATION SYSTEM (CORIS)

Vienna, 1985 2 vol (various pagings), tables

<UNIDO pub> <Expert report> on <information exchange> systems on
<technology transfer> in <Argentina> - covers (1) development of a
Spanish version of the <computerized registry information system
(CORIS) for use by INTI, (2) application forms for <contracts and
technology transfer agreements>, <processing> methods
<Recommendations> <Restricted>

ENGL
01 20

15286 1985

Vos, Willem A M

UNIDO

(R) COSTA RICA ASISTENCIA AL CENTRO DE TECNOLOGIA DEL CUERO CETEC,
ESCUELA DE QUIMICA, UNIVERSIDAD DE COSTA RICA INFORME TECNICO:
CONCLUSIONES Y RECOMENDACIONES

TF/COS/B2/001

Vienna, 1985 48 p illus

UNIDO-UNIDO/IO/R 201

<UNIDO pub> <Expert report> on assistance to a <leather industry>
<development centre> (CETEC) in <Costa Rica> - covers (1)
establishment of <processing> <pilot plant> for the production of
various kinds of <leather>, <laboratory> <testing> for <quality
control>, <training programmes> on <tanning> (2) <financial
aspects>, <training abroad> for <technical personnel>, <equipment>
and <machinery> requirements, <administrative aspects>, connection
between <industry and higher education>, <financial aid>,
<organizational aspects> <Recommendations>. <Restricted>

SPAN
32 40

15287

1985

Hopburn, C.

UNIDO

BURMA. ASSESSMENT OF THE REQUIREMENTS OF RUBBER PRODUCTS INDUSTRY
DEVELOPMENT TECHNICAL REPORT.

DP/BUR/82/008

Vienna, 1985 193 p tables, graphs.

UNIDO-DP/ID/SER A/658

<UNIDO pub> <Expert report> on assistance to the development of the <rubber industry> in <Burma> - covers (1) <domestic production> and <import> of <rubber> and <chemicals>; <development potential> of new products (2) <marketing> methods, <quality control> <testing> methods and <standards>, need for <pilot plant>, <laboratory> and rubber technology <development centre> (3) implementation programme, including promotion of a <textile industry>, <training> and <education> plan (4) <costs> of building and of necessary <equipment> <Recommendations> <statistics> Additional reference <import substitution>

ENGL

32 50

15288

1985

Berk, Zeki

UNIDO

(R) EL SALVADOR CONTROL DE CALIDAD DE LOS ALIMENTOS DE ORIGEN
VEGETAL INFORME FINAL

UC/ELS/84/168

Vienna, 1985 1 vol (various pagings) tables, graphs, diagrams

<UNIDO pub> <Expert report> on <quality control> of <food> in <El Salvador> (reference <vegetables>) - covers (1) <training programmes> for <technical personnel> of a <development centre> (CENAPI) in <agri-product processing> and <food technology>, the effect of <heat treatment>, the making of <bread>, concentrated <fruit juices> <freezing> (2) <testing> of finished <agricultural products>, deterioration between production and <consumption> <Recommendations>, <statistics>, <bibliography>s <Restricted>

SPAN

31 30

15289

1986

Hesp, Paul

AD HOC EXPERT GROUP MEETING ON POLICIES AND STRATEGIES FOR SMALL-SCALE
INDUSTRY DEVELOPMENT IN ASIA AND THE PACIFIC REGION SEOUL, 1985

(R) POLICIES AND STRATEGIES FOR SMALL SCALE INDUSTRY DEVELOPMENT IN
THE ASIAN AND THE PACIFIC REGION

Vienna, 1986. 98 p

<UNIDO pub> on the contribution of <small scale industry> to <industrialization> in the <ASEAN> region - covers (1) key features of small scale <enterprises> (2) development policies, strategies and support programmes, policies and measures in <ESCAP> countries (3) areas for attention <entrepreneurship>, <cooperation>, linkages to large industries, <subcontracting>, <export promotion>, <financing>, <technology transfer>, <rural development> Annexes (a) UNIDO programme for SSI development, (b) country summaries of SSI development programmes (c) the example of <Sweden>

<Recommendations>, <list of participants>, <list of documents>.
<Restricted>

ENGL
21 40

15290 1985
Szabo, Antal
UNIDO

(R) PAKISTAN PREVENTIVE MAINTENANCE PROGRAMME OF THE FEDERAL CHEMICAL AND CERAMICS CORPORATION LTD CONSULTANCE ON MAINTENANCE OF INSTRUMENTATION
DP/PAK/83/002
Vienna, 1985 50 p

<UNIDO pub> <Expert report> on training in <maintenance and repair> at a <chemical industry> plant in <Pakistan> - covers (1) inspection and <testing> of <instruments> in a <laboratory> manufacturing <caustic soda> and <chlorine>, the condition of the <metrology> and calibration <equipment> (2) subjects for <training programmes> for <skilled workers>, equipment and instruments needed, their characteristics, guidelines for measurement <quality control>, <standards>, the importance of preventive maintenance <Recommendations>, <job description>, <questionnaire>, <bibliography> Additional reference <industrial safety> <Restricted>

ENGL
25 20

15291 1985
Ahn, Young-Ok
KOREA TECHNOLOGY ADVANCEMENT CORPORATION
UNIDO

(R) REPUBLIC OF KOREA COMMERCIALIZATION OF R&D RESULTS WITH PARTICULAR REFERENCE TO THE SMALL AND MEDIUM INDUSTRY SECTOR
Vienna, 1985 53 p tales

<UNIDO pub> <Expert report> on <commercialization> of indigenous <technology>s, with special reference to <small scale industry> in <Korea R> - covers (1) history and performance of <technological institutes> and <laboratory>s and their <research> commercialization programmes (2) <industry and higher education>, <Government policy> towards <research and development> institutes, number of <technical personnel> and research <staff> (3) criteria for <project selection> <Recommendations> <statistics> <Restricted>

ENGL
26 10

15292 1985
Teurlings, Jean-Robert
UNIDO

(R) NIGER EXTENSION DE L'ASSISTANCE A L'OFFICE DE PROMOTION DE L'ENTREPRISE NIGERIEENNE (OPEN) - PHASE II -
DP/NER/83/004

Vienna, 1985. 33 p. tables.

UNIDO

<UNIDO pub>. <Final report> on assistance to <industrial development> activities in <Niger> - covers (1) strengthening the activities of OPEN for <project selection> in various regions, covering <investment promotion>, establishment of <professional organizations>, <training programmes>, <fellowships>, <in-plant training> (2) <budget>, <project implementation>, prefeasibility study's <Recommendations> <Restricted>.

FREN
14 70

15293 1985

Clarke, Arthur D

UNIDO

(R) SAUDI ARABIA TECHNICAL ASSISTANCE FOR DOWNSTREAM PETROCHEMICAL INDUSTRIES INTERIM REPORT

SI/SAU/85/801

Vienna, 1985. 19 p. tables

<UNIDO pub>. <Expert report> on <plastics processing> in <Saudi Arabia> - covers (1) size and location of <factory>s, their <production capacity> of <polyvinyl chloride>, <pipe>s, <household goods>, <films> <bags and sacks> (2) <customs policy>, <import>s, product <diversification>, <productivity>, <market>s (3) <industrial safety> requirements <Recommendations> <Restricted>

ENGL
35 70

15294 1986

UNIDO

NATIONAL RESEARCH DEVELOPMENT CORPORATION OF INDIA, NEW DELHI.

(R) ETHIOPIA FEASIBILITY STUDY OF A PILOT INDUSTRIAL ESTATE IN ADDIS ABABA VOLUME II.

Vienna, 1986. 1 vol (various pagings) tables, flow charts.

<UNIDO pub>. <Expert report> concerning feasibility of establishing a pilot <industrial estate> in <Ethiopia> - covers (1) the <manufacturing> of a variety of products including <filters> <locks> and keys, cooking <stoves>, wheel barrows and carts, <water> meters, <screws> and <nuts>, <electrical appliances>, <calcium carbonate>, <paper>, <electric batteries>, <concrete> mixers, <adhesives>, etc (2) <demand> forecast, <market>s, <raw material>s, <choice of technology>, <equipment>, <machinery> and <manpower> requirements; <training> of <technical personnel> in <maintenance and repair>, <quality control>, <capital investment> needed, financial evaluation. <Restricted>

ENGL
14 70

15295 1986

Gati, F

UNIDO

(R) BURUNDI PHYSICAL & CHEMICAL INVESTIGATIONS AND EVALUATION OF

BURUNDIAN PEATS AND SOILS FOR THE PRODUCTION OF PEAT-BASED FERTILIZERS. TERMINAL REPORT.

SI/BDI/78/801

Vienna, 1986. 72 p. tables, graphs.

....

<UNIDO pub> <Expert report> on the production of <fertilizer> from <peat> in <Burundi> - covers (1) investigation of the properties of <soil> and peat samples from different sites; (2) physical and <chemical analysis> of mixtures containing peat, manure, <limestone> and rock <phosphate> in varied proportions; the influence of <water>; proposals for optimum results <Recommendations>, <statistics>, <Restricted>.

35.40

15296

1986

Lacey, J. J.

UNIDO

(R) CHINA. TECHNIQUES OF DIRECT COAL LIQUEFACTION. PHASE II TECHNICAL REPORT

DP/CPR/83/002

Vienna, 1986. 23 p.

<UNIDO pub> on <coal> liquefaction <research> in <China> - covers (1) project history and objectives (2) the activities of the <research centre> (CCMRI) in the evaluation of different coals (<lignite> and <bitumenous coals>) for conversion to liquid <fuel> and establishment of a commercial coal liquefaction plant (2) research, <testing>, procurement and installation of <equipment>, <fellowships>, <consultant>s, <training abroad> <Recommendations>. Additional reference <research and development> <Restricted>

ENGL

34.30

15297

1986

Muehlen, J. J.

UNIDO

(R) INDIA. COAL GASIFICATION TECHNICAL REPORT

DP/IND/80/004

Vienna, 1986. 5 p.

....

<UNIDO pub> <Expert report> on assistance to <coal> <gasification> in <India> - covers (1) evaluation of the activities of <research> <laboratory>s (RRL); <experiment>s using high ash coal, calculation of pressures and <temperature>s; installation of <computer> programmes. <Training programmes>, <Recommendations> <Restricted>

ENGL

35.20

15298

1986

Goma, Gerard

UNIDO

(R) INDIA. BIOSCIENCE AND ENGINEERING (CONVERSION OF GLUCOSE TO ETHANOL) TECHNICAL REPORT

DP/IND/80/003

Vienna, 1986. 8 p. diagram.

.....

<UNIDO pub>. <Expert report> on assistance in <ethanol> production from <molasses> in <India> - covers (1) review of the present state of studies and <research> (2) options considered in selection of biocatalysts (immobilized cells) (3) the preparation of biocatalyst (4) the <oxygenation problem> (5) hydrodynamic problems. Comments, conclusions, <diagram>. Additional references: <yeast>, <fermentation>, <chemical reactors>, <glucose>. <Restricted>.

ENGL
35 30

15299 1986

UNIDO

WORLD INDUSTRY. A STATISTICAL REVIEW 1985

Vienna, 1986 v. 24 p tables, graphs

UNIDO-UNIDO/IS 590

<UNIDO pub>. <Global level> <statistical analysis> of <manufacturing> in 1985 - gives statistical data on <industrial growth> and on composition of <industrial production> and <trade> (1) by economic groupings, by developing regions and by <income> groups (2) for the <least developed countries>. Additional references: <developing countries>, <market economies>, <planned economies>, <value added>, <gross domestic product>, <export>, <import>.

ENGL
21 20

15300 1985

U Myint Pe

UNIDO

RICE BRAN OIL REFINING TECHNOLOGY

Vienna, 1985 54 p tables, diagrams.

<UNIDO pub>. <Expert report> on the <refining> of <vegetable oils> based on <rice bran> - covers (1) <raw material> resources: freshly milled, stabilized and parboiled rice bran, rice bran <food storage> (2) rice bran oil processing: pre<filtering> process, degumming, dewaxing, <alkali> refining process, deacidification, decolorization, deodorization, <vacuum> <distilling>. <Recommendations>, process <statistics>, <bibliography>, <flow chart>s. Additional references: <acid>s, <wax>.

ENGL
31 70

15301 1985

Taralli, Claudio

UNIDO

(R) NIGER. GESTION DE CONFISERIE. RAPPORT TECHNIQUE. PREMIERE PHASE.

DP/NER/83/004

Vienna, 1985. 22 p.

.....

<UNIDO pub>. <Expert report> on assistance to production of <sweets>

and candy> in <Niger> - covers (1) background of the project; the <factory>; technical aspects; <equipment>; <capital costs> (2) progress of construction; aspects of <financing>; required technical documentation. Annexes forms and product <specifications>. <Recommendations>. <Restricted>.

FREN
31.50

15302 1985

Gonod, Pierre F.

UNIDO

(R) TUNISIE L'IDENTIFICATION DES PROJETS INDUSTRIELS RAPPORT DE MISSION

Vienna, 1985 38 p. tables

<UNIDO pub>. <Expert report> on industrial <project selection> in <Tunisia> - covers (1) relevant <industrial study>s conducted by <UNIDO>; their <methodology>s and impacts on <industrial development> (2) the role of the Centre National d'Etudes Industrielles (CNEI), present activities, suggestions regarding approach and additional functions in support of <industrial promotion> (3) a programme of action for strengthening the CNEI <Statistics>. Additional reference <institutional framework> <Restricted>.

FREN
14.80

15303 1985

Cobanov, Blagoj A.

UNIDO

(R) NIGER TRANSFORMATION DE FRUITS TROPICAUX RAPPORT TECHNIQUE

DP/NER/83/004

Vienna, 1985 17 p. tables

<UNIDO pub>. <Expert report> on assistance to <food industry> in <Niger>, with special reference to the processing of <tropical fruit> - covers (1) present conditions of <factory> near Maradi, existing <equipment> (2) proposed work programme, <choice of product>s (jams, marmalade, <tomatoes> paste), <raw material>s, <costs> (3) <quality control>, <process control>, <product safety> (4) <maintenance and repair>, cleaning of facilities and equipment <Recommendations>. Additional references. <canning>, <bottling>. <Restricted>.

FREN
31.30

15304 1986

Gnichi, Naceur

UNIDO

(R) TUNISIE. RAPPORT DU PERSONNEL DE CONTREPARTIE SUR LES SYSTEMES D'INFORMATIN INDUSTRIELLE ET TECHNIQUE.

Vienna, 1986 12 p.

UNIDO-UNIDO/IS/R.24

<UNIDO pub>. <Expert report> on industrial <information system>s in

<Tunisia> (reference <INTIB>) - covers (1) existing and potential information systems, their <institutional framework>, types of <data collecting> and <information processing> being carried out (2) users of <industrial information> (3) national needs and objectives, the potential role of INTIB. Additional references <computer>, <electronic data processing>, <cooperation>.
<Restricted>

FREN
01 20

15305 1985

UNIDO

CONSULTATION ON THE PETROCHEMICAL INDUSTRY, 3RD, VIENNA, 1985
SURVEY AND ANALYSIS OF JOINT VENTURE ARRANGEMENTS IN THE PETROCHEMICAL INDUSTRY

Vienna, 1985 viii 108 p tables

UNIDO-ID/WG 448/4

<UNIDO pub> <Survey> of <joint venture> <contracts> in the <petrochemical industry> - covers (1) experience (a) of <developing countries> (b) of <developed countries>, considering medium-sized <enterprises and <transnational corporations> (2) setting up petrochemical joint ventures, potential conflict areas, role of <government policy>, areas for <cooperation> (3) promoting joint ventures among OOs (4) guidelines for agreements, with attention to <financing>, <technology transfer>, <market>, <management>, <feedstocks and <energy>, <infrastructure>, <planning>, <project implementation>, <technical assistance>, <research and development>, <legal aspects> Annexes <UNIDO> survey and model text of typical provisions Tables

ENGL
35 10

15306 1985

UNIDO

EXPERT GROUP MEETING ON GUIDELINES FOR THE IMPORT, ASSEMBLY AND MANUFACTURE OF AGRICULTURAL MACHINERY AND TRAINING, VIENNA 1985
REPORT (MEETING ON AGRICULTURAL MACHINERY)

- RAPPORT (REUNION SUR LA FABRICATION DE MACHINES AGRICOLES)

- INFORME (REUNION SOBRE LA FABRICACION DE MAQUINARIA AGRICOLA)

Vienna 1985 24 p

UNIDO-ID/WG 443/8

<UNIDO pub> <Report> of a <meeting> on promotion of <agricultural machinery> industry in <developing countries> - covers (1) problems arising in connection with the <import>, <assembling> and manufacture of such machinery, the need for guidelines regarding <contracting> in this field, <UNIDO> efforts in preparing guidelines and model contracts (2) presentation and discussion of background papers (3) proposals on matters to be incorporated in the guidelines <Recommendations>, <list of participants>, <list of documents> Additional references <training>, <technology transfer>, <supply>, <spare parts>

ENGL FREN SPAN
37 20

15307

1986

Greenaway, David
Lalor, Sean Eamon
Maliner, Christopher

UNIDO

INDUSTRY AND DEVELOPMENT NO. 16

Vienna, 1986, 103 p, tables, graphs

UNIDO-ID/SER M/16

JN-E B5 I: B 10

UNIDO pub. containing articles on (1) trans-sectoral and <economic implications> of <protectionism>, with special reference to <Mauritius> (2) the <microelectronics> industry in selected <developing countries> (3) sources of <manufacturing> efficiency: evidence from East <Asia> economies, implications for current reforms in <China> - <statistics>, <bibliography>. Additional references: <trade>, <industrial policy>, <econometrics> <models>, <technology>, <research and development>, <training>, <incentives>, <productivity>, <Japan>, <Korea R>, <Taiwan>

ENG.

14.60

\$ 7.00

15308

1986

McConnell, David J.
Razuddin, Sheikh
Wu, Ra,
Zilinskis, Raymond A.

UNIDO

UNIDO SYMPOSIUM HELD DURING THE 150TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (AAAS)

CAPABILITY BUILDING IN BIOTECHNOLOGY AND GENETIC ENGINEERING IN DEVELOPING COUNTRIES

Vienna, 1986, 111, 114 p

UNIDO-UNIDO IS 608

UNIDO pub. on capability building in <biotechnology> and <genetic engineering> in <developing countries> - contains four papers covering basic ingredients required for realizing <development potential>, objectives of the <ICGEB>, steps in acquisition of <knowhow>, improvement of relevant <education>, <training> and <information exchange>, <research and development>, international <technology transfer>, <bioscience-based industry> <Bibliography>

ENG.

35.50

15309

1985

Gomez, Anibal

UNIDO

QUARTO CONSULTA SOBRE LA INDUSTRIA SIDERURGICA VIENNA, 9-13 JUNIO 1986
POSIBILIDADES Y MODALIDADES DE DESARROLLO INTEGRADO ENTRE LA INDUSTRIA SIDERURGICA Y LOS OTROS SECTORES DE LA ECONOMIA, EN PAISES LATINOAMERICANOS

- POSSIBILITES ET MODALITES DE DEVELOPPEMENT INTEGRE ASSOCIANT L'INDUSTRIE SIDERURGIQUE ET LES AUTRES SECTEURS DE L'ECONOMIE, DANS LES PAYS D'AMERIQUE LATINE

Vienna, 1985, 110 p, tables, graphs

UNIDO-ID WG 458/6

<UNIDO pub> on an integrated development of <iron and steel industry> and the other <industrial sector>s in <Latin America> - covers (1) the relationship of the iron and steel industry to the <capital goods> industries in <Mexico>, <Venezuela>, <Colombia> and <Chile> (2) <steel> production and <consumption>, relation between <supply and demand>, the importance of the <metalworking industry> for the <manufacturing> sector. <Bibliography>, <statistics>.

SPAN ENGL FREN
36 20

15310 1986

Juhász, Janos

UNIDO

SUGGESTIONS FOR MEASURES TO STIMULATE CO-OPERATION BETWEEN THE CO-OPERATIVES OF DEVELOPED AND MORE INDUSTRIALIZED DEVELOPING COUNTRIES AND THE FOOD-PROCESSING INDUSTRY IN DEVELOPING COUNTRIES

Vienna, 1986 27 p

UNIDO-UNIDO/PC 144

<UNIDO pub> <Expert report> on <development potential> of <cooperation> in the <food industry> sector between <developed countries> and <developing countries> - covers (1) the extent of <food> processing <cooperatives> in <market economy> countries and centrally <planned economy> countries, the situation in the DCs (2) <trade> relations, <contract> systems, <joint ventures>, <licensing> systems, <technology transfer>, <investment>s, assistance in <management>, <storage>, <education> and <training>, <financing> problems (3) <government policy>s with regard to <small scale industry>s <Recommendations>, <bibliography>

ENGL
31 30

15311 1986

Bhattacharjya, S. C.

UNIDO

(R) SUDAN. IMPROVEMENT OF EFFICIENCY OF PUBLIC SECTOR INDUSTRIES. TERMINAL REPORT

DP/SUD/79/010

Vienna, 1986 59 p.

<UNIDO pub>, <Final report> on assistance to <food industry> in <Sudan> - covers (1) assessment of efficiency of <public sector> enterprises controlling <food><processing> plants (2) visits to <factory>s for <fruit>s and <vegetables> <canning>, guidelines for production of <tomatoes> paste, <onions> <drying>, <fruit juice>s, <fruit preserves> (<pineapples>, <mangos>), <sweets and candy> and <dairy products industry>s (3) need for <spare parts>, <training>, <management>, assistance in <marketing>, <financial aspects>, link with <research centre>, <TCDC>, <Recommendations> <Restricted>.

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15312 1986

UNIDO

REUNION D'EXPERTS DE HAUT NIVEAU PREPARATOIRE A LA DEUXIEME

CONSULTATION SUR LA FORMATION DE LA MAIN D'OEUVRE INDUSTRIELLE.
PARIS, 13-16 JANVIER 1986
CONTEXTE, OBJECTIFS ET TRAVAUX PREPARATOIRES DE LA DEUXIEME
CONSULTATION SUR LA FORMATION DE LA MAIN D'OEUVRE INDUSTRIELLE.
- CONTEXT, OBJECTIVES AND PREPARATORY WORK FOR THE SECOND CONSULTATION
ON THE TRAINING OF INDUSTRIAL MANPOWER

Vienna, 1986 27 p. illus

UNIDO-ID/WG 460/3

<UNIDO pub> on <training> of industrial <manpower> in <developing countries> - covers (1) the importance of development of <human resources> for industrial <maintenance and repair> and for the mastering of <technological change>s (2) the <role of UNIDO> and the system of consultations, <industrial sector>s to be considered, <methodology> and criteria to be followed, the example of <Japan> illustrations.

FREN ENGL

12 40

15313

1986

Howard K C

UNIDO

(R) SUDAN TECHNICAL REPORT TANNERY MACHINERY MAINTENANCE

UC/SUD/83/251

Vienna, 1986 17 p. illus

UNIDO-UNIDO/IO/R 218

<UNIDO pub> <Expert report> on <maintenance and repair> problems related to three tanneries in <Sudan> - covers (1) inspection of <machinery> for the processing of <hides and skins> and for <leather> production, installation of <spare parts> (2) instructions for maintenance, <costs> of <equipment> needed, <Recommendations>, illustrations <Restricted>

ENGL

32 40

15314

1985

Delazari, Ivone

UNIDO

(R) EL SALVADOR CONTROL Y CERTIFICACION DE CALIDAD PARA LA INDUSTRIA DE ALIMENTOS. INFORME FINAL

UC/ELS/84/168

Vienna, 1985 2 vol (various pagings), tables, diagrams.

<UNIDO pub> <Expert report> on <training> in <quality control> for the <food industry> in <El Salvador> - covers (1) <seminar> on <meat industry>, the identification of dangerous <microorganisms>, the effect of <water>, <temperature>, <humidity>, light, air; public <health> and most frequent diseases, their control (2) food <sterilization> requirements, pasteurization, <freezing> and <refrigeration> technology, <food preservation> methods, <hygiene>, <Recommendations>, <bibliography>, <statistics> <Restricted>

SPAN

31 40

15315

1986

UNIDO

GHERZI TEXTIL ORGANISATION, ZUERICH

(R) YUGOSLAVIA TEXTILE STUDY: MARKETING REPORT.

Vienna, 1986 1 vol. (various pagings), tables, graphs.

<UNIDO pub>. <Expert report> on the <textile industry> in <Yugoslavia> - covers (1) extent and structure of the <textiles> sector covering <spinning>, <weaving>, <textile finishing>, <knitting>, <clothing>; foreign <trade> balance, <export>s, <import>s, <domestic market>, <supply and demand> (2) the consumer market in <Germany FR>, <France>, <UK>, <Netherlands>, <USA>, <Canada>, <Italy> and their imports from Yugoslavia (3) <modernization> and <quality control> requirements, the role of trading houses, <marketing>, <production costs>, strategic opportunities <Recommendations>, <statistics> <Restricted>.

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15316

1985

Borrelly, R

UNIDO

ETUDES POUR L'EVALUATION DU SYSTEME DE CONSULTATIONS DE L'ONUDI
RAPPORT FINAL

Vienna, 1985 68 p

<UNIDO pub> <Evaluation> of the UNIDO system of consultations - covers (1) <methodology> and definition of objectives of consultations as forum for <North-South> discussions and negotiations, analysis of the <economic development>s after second world war, effect of decolonization and <transnational corporations> activities, the role of the regional commissions (2) the developments in the years following the Lima General Conference (3) <supply and demand> of <financial aid>, its criteria and control

FREN

15 20

15317

1985

Hahn, K

Robson, J W

UNIDO

(R) SUDAN, THE PESTICIDE FORMULATION COMPLEX, TERMINAL REPORT

RP/SUD/84/006

Vienna, 1986 2 vol (various pagings) tables, maps, illus.

<UNIDO pub> <Final report> on domestic formulation of <pesticides> in <Sudan> - covers (1) increasing <demand> for <insecticides>, <fungicides>, <herbicides>, <rodenticides>, etc. in <agriculture> and <cotton> growing; <storage>, animal and public <health> requirements (2) <foreign exchange> savings by <import> of <intermediates> and active ingredients with low <toxicity> to be handled at proposed formulation complex (3) <costs> of <investment> in <equipment>, relevant <irrigation> schemes, <environment>al problems, <location of industry>, <transportation>, storage and <industrial safety> implications <Recommendations>, <statistics>, <Restricted>

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15318

1985

UNIDO

PT BUFAR CEMERLANG CONSULTANT, JAKARTA SELATAN

(R) INDONESIA A STUDY OF SMALL SCALE INDUSTRY COOPERATIVES IN JAVA

DP/INS/78/078

Vienna, 1985 139 p tables, maps

<UNIDO pub> <Expert report> on <small scale industry> <cooperatives> in <Indonesia> - covers (1) principal activities and organization, financial analysis (2) <Government policy>s and assistance in the form of <capital>, <machinery>, <industrial extension> services, <market> expansion (3) ten <case study>s of specific cooperatives with respect to <organizational aspects>, <administrative aspects>, <financial aspects> <Recommendations> <Restricted>

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15319

1986

UNIDO

FWAR GEISENHEIM, GERMANY FR

(R) SUDAN GASIFICATION OF AGRICULTURAL RESIDUES

SI/SUD/82/802

Vienna 1986 154 p tables, diagrams, maps illus

<UNIDO pub> <Final report> on use of <agricultural wastes> as <energy sources> in <Sudan> - covers (1) <development potential> of utilizing <cotton> stalks, <sugar cane>, <bagasse>, <groundnuts>, <rice husks> residues for conversion into <fuel> by briquetting, <carbonization>, <gasification> (2) collection, <transportation>, <storage>, of waste, technical guidelines, <kilns>, <presses>, <boilers>, <gasifiers>, <training> proposals <Recommendations>, <illustrations> <Restricted>

30 20

15320

1986

Pruzan, Gregorio

UNIDO

(R) BRASIL ASISTENCIA A LA INDUSTRIA PLASTICA INFORME FINAL

SI/BRA/85/801

Vienna, 1986 57 p

<UNIDO pub> <Final report> on assistance to <plastics industry> in <Brazil> - covers (1) alternative solutions for the establishment of a <plastics> <development centre>, relations between <industry and higher education>, <Government policy> (2) project objectives and programme for <project implementation>, future perspectives for the world plastics industry <Recommendations>, <bibliography> <Restricted>

SPAN

35 70

15321

1985

UNIDO

ADVANCES IN MATERIALS TECHNOLOGY: MONITOR. ISSUE NUMBER 5.
Vienna, 1985. 102 p. tables, diagrams

<UNIDO pub> on the use of advanced composite materials for <developing countries> - covers (1) the <manufacturing> and applications of polymer, <plastics>, <ceramics>, <fibreglass>, <natural fibres> reinforcement composites, <innovation>s concept (2) potential applications in DCs for <energy saving> and for <building materials> for <housing>, future <meeting>s. Publications. <Bibliography>

25 30

15322

1986

Romano, M

UNIDO

THE MULTIPURPOSE APPROACH TO AGRICULTURAL MACHINERY MANUFACTURING IN LATIN AMERICA. SECTORAL WORKING PAPER SERIES NO 46
- EL EMPLEO DE PLANTAS POLIVALENTES PARA LA FABRICACION DE MAQUINARIA AGRICOLA EN AMERICA LATINA. SERIE DE DOCUMENTOS DE TRABAJO SECTORIALES NO 46

Vienna, 1986. (111). 109 p. tables, graphs

UNIDO-UNIDO/IS 607

<UNIDO pub> on <agricultural machinery> <manufacturing> in <Latin America> - covers (1) common problems and issues (2) prospects for a multipurpose approach within the broader context of <metalworking industry>s (including medium and <small scale industry>), development potential (3) findings and <recommendations> (4) manufacture of agricultural machinery and implements in <Brazil>, <Chile>, <Colombia>, <Costa Rica> and <Guatemala> (5) need for relevant national <industrial policy>s and <regional cooperation>. <Statistics>. Additional references <agriculture>, <choice of product>, <choice of technology>, <factory>, <workshop>s

ENGL SPAN

37 20

15323

1986

Deveaud, Jean-Jacques

UNIDO

(R) SENEGAL. FINANCEMENT ET PROMOTION DE LA PETITE ET MOYENNE ENTREPRISE. RAPPORT TECHNIQUE

DP/SEN/85/006

Vienna, 1986. 54 p.

UNIDO-DP/ID/SER A/684

<UNIDO pub> <Expert report> on <financing> and promotion of <small scale industry> in <Senegal> - covers (1) <industrial policy> (2) the role of the <banking> sector in financing <small and medium scale industry> (3) policy instruments of <industrial promotion>, the <institutional framework>, <industrial study>s, the <free zone> (4) proposals for <government policy> and incentive activities <Recommendations>, <Restricted>.

FREN

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15324

1986

Buit, P B

Haecker, Max Georg

UNIDO

(R) BURMA THE VIABILITY OF ESTABLISHING A LEATHER DEVELOPMENT CENTRE
TECHNICAL REPORT

DP/BUR/82/007

Vienna, 1986. 197 p. tables, diagrams, maps

UNIDO-DP/ID/SER A/677

<UNIDO pub> <Expert report> on potential establishment of a
<development centre> for <leather industry> (DCLT) in <Burma> -
covers (1) <market> study, <livestock>, availability of <hides and
skins>, <leather>, <shoes> and <leather goods> industry,
<development potential>, <marketing>, <economic aspects> (2)
development requirements (3) creation of the DCLT, preliminary
<project design>, inputs, <technology>, DCLT outputs and services,
<industrial extension>, <research and development>, <training>,
<information service>, <organizational aspects> (4) <site
assessment>, <building design>, <staff>, <Recommendations>,
<diagrams>, <statistics> Additional reference <stanning>
<Restricted>

ENGL

32.40

15325

1985

UNIDO

TECHNICAL AND ECONOMIC ANALYSIS OF THE MANUFACTURE OF ETHAMBUTOL
HYDROCHLORIDE. SECTORAL STUDIES SERIES, NO 21

Vienna, 1985. 1x, 95 p. tables, graphs, diagrams

UNIDO-UNIDO/IS 588

<UNIDO pub> on technical and <economic analysis> of manufacturing
of ethambutol hydrochloride <pharmaceuticals> (effective against
most strains of actively-growing Mycobacteria tuberculosis) -
covers (1) background, <methodology> of the <economic analysis>,
process economics (2) production of bulk substance and key
<intermediates> (3) effect of backward integration on the process
economics (4) availability of the product, <technology transfer>
(5) other possible uses of available information (6) <trend>s and
<forecast>s of <demand>. Conclusions, <recommendations>,
<statistics>, <diagrams>, <flow chart>, information on <patents>
and <supply> firms. Additional references <chemicals>, <health>,
<chemical analysis>

ENGL

35.60

15326

1985

Belgaid, Fethi

Guetari, Mohamed Habib

Kchouk, Farouk

UNIDO

(R) CARRIERES, LEGISLATION ET EXPLOITATION, EXPLOSIFS ET PROTECTION DE
L'ENVIRONNEMENT. (CAS DE SITES SENSIBLES)

Vienna, 1985. 105 p. tables, graphs, diagrams, illus.

1111

<UNIDO pub> <Expert report> on <industrial safety> and protection of the <environment> in <mining> operations, with special reference to use of <explosives> - covers (1) <legislation> regarding quarries; efforts to limit threats to population and <urban area>s arising from explosives (2) need for further <regulations> (3) a <case study> from <Tunisia>. Conclusions, <diagram>s, <illustrations>. <Restricted>

FREN
21 20

15327

1986

UNIDO

SEMINAIRE SUR LA STRATEGIE DU DEVELOPPEMENT INDUSTRIEL DU BURKINA FASO, OUAGADOUGOU, 1985

(R) BURKINA FASO SEMINAIRE SUR LA STRATEGIE DU DEVELOPPEMENT INDUSTRIEL, RAPPORT FINAL

Vienna, 1986, 175 p. tables, graphs.

UNIDO-UNIDO/10/R 224

<UNIDO pub> <Report> on a <seminar> regarding <industrialization policy> in <Burkina Faso> - covers (1) meeting background (2) consideration of issues appropriate policies for <industrial development>, the <institutional framework>, <investment policy>, <incentives>, <industrial promotion>, <small scale industry>, <management development> <Statistics>, addresses, <list of participants> Additional references <training>, <entrepreneurship>, <natural resources>, <financing>, <project selection>. <Restricted>

FREN
14 60

15328

1985

UNIDO

INPUT-OUTPUT TABLES FOR DEVELOPING COUNTRIES VOLUME II

Vienna, 1985, ix, 316 p. tables

UNIDO-10/325/Add 1

UN-E.85.11 B.6

<UNIDO pub> containing <input-output table>s for fourteen <developing countries> - (1) covers problems of comparability, <classification> of activities, and standardization (2) gives country tables concerning <Argentina>, <China> (Taiwan province), <Egypt>, <Fiji>, <Guatemala>, <Haiti>, <India>, <Indonesia>, <Morocco>, <Nicaragua>, <Rwanda>, <Singapore>, <Thailand> and <Tanzania>. <Statistics>. Additional references <industrial sector>, <pricing>, <import>.

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15329

1985

Armenante, Piero M.

UNIDO

INDUSTRIAL EMERGENCY CONTINGENCY PLANNING

Vienna, 1985, 165 p. tables, diagrams

UNIDO-UNIDO/IS 598

<UNIDO pub> on contingency <planning> for emergencies resulting from industrial use of <chemicals> and <explosives> (reference <industrial safety>, <pollution control>) - covers (1) the planning process, <national planning>, <legislation> and <standards>, <hospital>s (2) planning at the <factory> level (3) hazardous material <transport> accidents (4) recommended structures for contingency plans (5) <case study>s <Recommendations>, analysis checklist, <diagram>s Additional references <technical personnel>, <health>, <fire retardant>

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1986

Muro Hiroshi

UNIDO

(R) CHINA FINAL REPORT OF ASSIGNMENT OF THE EXPERT ON MISSION TO HANGZHOU BEARING TEST & RESEARCH CENTER
Vienna, 1986 2 p

<UNIDO pub> <Expert report> on assistance to a <research centre> in <China> - covers (1) problems connected with differing languages and concepts (2) <consultant's advice on <research> and <testing> programmes on <rolling> <bearings> friction and life prediction <Recommendations> <Restricted>

ENGL
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15331

1986

Gooderson John B

UNIDO

(R) PAKISTAN PREVENTIVE MAINTENANCE DEVELOPMENT CENTRE PMDC LAHORE
TECHNICAL REPORT
DP/PAD/83/002
Vienna 1986 17 p

<UNIDO pub> <Expert report> on <maintenance and repair> inventories in <Pakistan> - covers (1) <training programmes> for <supervisors> and <managers> on <stock> control (2) determination of need for <spare parts> for <equipment> replacement, problems related to present lack of <standardization>, <accounting> and maintenance practices, <classification> guidelines <Recommendations> <bibliography> <Restricted>

ENGL
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15332

1985

Vieilledent Edmond

UNIDO

(R) INDIA APPLICATION OF ALTERNATIVE FUELS FOR INTERNAL COMBUSTION ENGINES. I I P. DEHRA DUN FINAL REPORT
DP/IND/82/001
Vienna, 1985 23 p

<UNIDO pub> <Final report> on research activities on alternative <engine fuel>s for two-stroke engines in <India> (reference <methanol> <lubricants>) - covers (1) <research> results and <testing> of the use of methanol blends for two-wheelers (2) studies on <fuel> injection systems on various <synthetic> oils on reduction of fuel oil ratio (3) <training> of engineers <industrial safety> problems advantages and disadvantages of use of methanol <Recommendations> <Restricted>

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15333 1986

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UNIDO

(R) ETHIOPIA DEMONSTRATION PROGRAMME ON USE OF INDIGENOUS BIOMASS RESOURCES FOR MEETING ENERGY NEEDS TECHNICAL REPORT

RP RAF 85 627

Vienna 1986 46 p diagrams illus

<UNIDO pub> Expert report on current state of biogas technology development in Ethiopia - covers (1) installation of laboratory equipment for determination of suitability of organic waste utilization for biogas processing as energy source (2) the construction installation and inspection of digesters in various regions their differing engineering design need for advice and training activities in rural areas (3) utilization of biodegradable wastes from sewage treatment slaughterhouse abattoir and distilling enterprises <Recommendations> <statistics> <Restricted>

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15334 1986

Stasser Hubert E M

UNIDO

(R) ETHIOPIA DEMONSTRATION PROGRAMME ON USE OF INDIGENOUS BIOMASS RESOURCES FOR MEETING ENERGY NEEDS TECHNICAL REPORT

RP RAF 85 627

Vienna 1986 40 p tables graphs

<UNIDO pub> Expert report on utilization of agricultural wastes as an energy source in Ethiopia - covers (1) change of location for biomass gasification demonstration projects (2) water pumps irrigation schemes and agricultural equipment in rural areas at present run by coal or diesel fuel (3) the utilization of sawmill coffee cotton wheat and corn wastes (4) specifications for small scale char coal gasification system budget costs of equipment and training abroad of engineers <Recommendations> <bibliography> <Restricted>

ENGL
35 50

15335 1985

Goungouga Cyril

UNIDO

(R) BURKINA FASO STATISTIQUES INDUSTRIELLES SUR LE SECTEUR
MANUFACTURIER

Vienna, 1985 28 p tables

<UNIDO pub> <Expert report> on industrial <statistics> related to the <manufacturing> sector in <Burkina Faso> - covers (1) <methodology> and results of analysis of available information for the years 1974-1983 (2) data on <value added>, <costs> of production, <wages>, <employment> and number of <enterprise>s in the sectors of <food>, <beverages>, <tobacco>, <textiles>, <clothing>, <leather>, <wood>, <paper> and <printing>, <chemicals>, <petrochemical industry>, <coal>, <rubber>, <mining> and <metals>, <metallurgy>, <machinery>. Listing of principal industries in the country. <Bibliography>. <Restricted>

FREN

24 40

15336

1986

Chen, Sung-ai

UNIDO

GUIDELINES FOR THE FORMULATION OF NATIONAL INDUSTRIAL AND
TECHNOLOGICAL INFORMATION POLICIES - BASED ON KOREAN EXPERIENCE

Vienna, 1985 98 p tables

UNIDO-UNIDO IS 596

<UNIDO pub> on guidelines for the formulation and implementation of national technological and industrial information policies based on the experience of <Korea R> - covers (1) the significance and need for information in <developing countries> (its impact on national development) (2) institutional framework (co-ordination of economic policies and national information system networks) (3) government legislation (as influence on the private sector) types of industrial extension services and information services available to users (4) international cooperation and technology transfer (telecommunications, use of computer, data base) (5) the establishment of information networks and (training) of technical personnel. <Bibliography>.

ENGL

24 20

15337

1986

Mosinski, Stefan

UNIDO

(R) INDIA PESTICIDES DEVELOPMENT PROGRAMME TECHNICAL REPORT
FINDINGS AND RECOMMENDATIONS

DP IND/80/037

Vienna, 1986 29 p

UNIDO-DP ID SER A 675

<UNIDO pub> <Expert report> on <laboratory> results of <pesticides> development in <India> - covers (1) biocide formulations (floating and liquid) for combating malaria-carrier mosquito (research) results and suggested guidelines for further experiments in <research centre> (2) the characteristics of emulsifiers, binders, dispersing agents, carriers, <components>, <storage>, <pilot plant> <testing> activities. Conclusions. <Bibliography>. <Restricted>

ENGL

35 40

15338

1986

Hugon, Philippe

Michalet, Charles-Albert

UNIDO

HIGH LEVEL EXPERT GROUP MEETING IN PREPARATION OF THE SECOND

CONSULTATION ON THE TRAINING OF INDUSTRIAL MANPOWER, PARIS, 1986

CHANGEMENTS TECHNOLOGIQUES, TRANSFERTS ET RESSOURCES HUMAINES DANS LES
PAYS EN DEVELOPPEMENT.

Vienna, 1986 36 p.

UNIDO-ID/WG 460/2

<UNIDO pub> <Expert report> on <technological change>s, technology transfer and <human resources> in <developing countries> - covers (1) how <technology transfer> takes place, the role of <transnational corporations> and of <technical assistance> (2) the differences in <development potential>, the <long term> significance of <research>, <training>, <educational policy>s (3) the impact of <informatics>, <knowhow>, <educational systems>, <in-plant training>, analysis of the role of education with regard to technological change <Recommendations>, <bibliography>.

FREN

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15339

1986

Jayewardene, A L

UNIDO

(R) GUIDELINES TO SMALL-SCALE PRODUCTION OF ESSENTIAL OILS

Vienna, 1986 76 p. diagrams, illus

<UNIDO pub> <Expert report> on the <essential oils> industry in <developing countries> - covers (1) the <processing> of <aromatic plants> dependent on availability of <raw material>, <knowhow>, <storage> and <packaging> facilities, <quality control>, the generation of <employment> in <rural areas> (2) world <export>s estimates, <chemical analysis>, <technology> guidelines and preparation methods, <steam> or <water>, <distilling>, <solvent> extraction, cold pressing, new developments (3) <equipment> requirements, <manpower> <training> in <pilot plant> for the evaluation of oil content, the scale of technology, <gas> liquid chromatography, industrial applications, <Bibliography> <Restricted>.

ENGL

31 70

15340

1986

Sinclair, Stuart

UNIDO

A NEW INTERPRETATION OF ASIAN TRADE AND INDUSTRY.

Vienna, 1986 32 p. tables, graphs.

<UNIDO pub>, <Expert report> on trends in the development of <manufacturing> industries in <Asia> - covers (1) <economic

analysis> of basic data in <Hong Kong>, <Korea>, <Singapore> and Taiwan (2) theories on international <trade>; the factors of <wages>, <investment>s; <capital> spending, <license>s, <joint venture>s, <inflation>, <labour costs>, connection between sales and <industrial production>, the role of <transnational corporations>, future prospects <Bibliography>, <statistics>

ENGL
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15341 1985

Nordberg, Eva M

UNIDO

(R) ETHIOPIA DESIGN OF READY-MADE GARMENTS EXPERT REPORT

DP/ETH/83/012

Vienna, 1985 107 p tables, diagrams

<UNIDO pub> <Handbook> on design of ready-made <clothing> (prepared for the garments industry in <Ethiopia>) - covers basic principles of relevant <product design>, patterns construction and pattern <grading> for women's, men's and children's wear. <Diagrams>, tables <Restricted>

ENGL
32 30

15342 1986

Ortun, Eduardo J

UNIDO

(R) ANGOLA COUNTRY CASE STUDY ON THE FISHERIES INDUSTRIAL SYSTEM

Vienna, 1986 28 p tables, diagrams

<UNIDO pub> <Expert report> on assistance to the <fishery> industry in <Angola> - covers (1) extent of <fish> resources, number of <fishing vessels>, their ownership, the condition of <fishery product processing> industries, <drying> methods, <road transport> with <bags and sacks> for <domestic consumption> (2) <maintenance and repair> problems, need for <spare parts> and <skilled workers> in <ships> yards, <fish meal> and <canning> plants (3) problems of the <public sector>, foreign <consultant>s, the extent of planned Government <investment>s <Statistics> <Restricted>

ENGL
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15343 1985

Skolka, Jiri

UNIDO

CHANGES IN EMPLOYMENT IN SIX DEVELOPED COUNTRIES

Vienna, 1986 1 vol. (various pagings), tables

<UNIDO pub> <Expert report> on <structural change>s related to <employment> in six <developed countries> - covers (1) <input-output analysis> of <economic growth> between 1975 and 1983 in <Germany FR>, <France>, <Italy>, <Japan>, <UK>, <USA> (2) the influence of <technology>, domestic <demand>, <consumption>.

foreign <trade> (<export>s and <import>s), <investment>s (3) consequences for the <labour market>, production of basic materials, <consumer goods> and <machinery>. <Statistics>.

ENGL
23 30

15344 1985
UNIDO
CHINA INDUSTRIAL DEVELOPMENT REVIEW
Vienna, 1985. 260 p. tables, map.
UNIDO-UNIDO/IS.582

<UNIDO pub> on <industrial development> in <China> - covers (1) basic indicators (2) <economic development> and recent <trends> (3) structure and performance of the <manufacturing> sector: <industrial growth> and <structural change>s, <employment>, <labour productivity>, <investment> patterns, <export>s and <import>s of manufactured goods, size of <enterprise>s and <geographic distribution> (4) <industrialization policy>s, special economic zones, prospects and scope of <foreign investment>s, <trade>, <TCDC>, <role of UNIDO> in <technical assistance>, multilateral aid, <regulations> to industry on <labour> <management> and <joint venture>s <Bibliography>, <statistics>

ENGL
14 60

15345 1986
Cano, Jose Carlos
UNIDO
(R) HONDURAS DESARROLLO DE PUENTES PREFABRICADOS DE MADERA. INFORME FINAL
DA/HON/81/002
Vienna, 1986. 18 p. tables.
UNIDO-DP/ID/SER B/517

<UNIDO pub> <Final report> regarding development of <wood>en <bridges> in <Honduras> - covers (1) choice of location for the improvement of the <infrastructure> in <rural area>s (2) choice of <tree species>, <technology transfer>, <engineering design>, <workshop>s for <timber> processing, <quality control>, <training> of <technical personnel> (3) development of modular system and <prefabricated building> allowing various lengths, results of <project implementation> <Recommendations>. <Restricted>.

SPAN
39 20

15346 1986
UNIDO
BALDO & CO., MILAN
(R) CAMEROON, SUDAN AND TANZANIA: ESTABLISHMENT OF A TRAINING CAPACITY AND CAPABILITY IN THE FIELD OF DESIGN AND PRODUCTION OF AGRICULTURAL MACHINERY AND IMPLEMENTS.
RP/RAF/85/605
Vienna, 1986. 1 vol. (various pagings). tables.

<UNIDO pub>. <Expert report> on the present situation and

<development potential> of the <agricultural machinery> industry in <Africa> - covers (1) the extent of industrial or semi-industrial <enterprise>s and number of <workers> employed; <workshop> and <handicraft> production of <hand tools> and <animal power> equipment; <tractors> (2) main types of implements, <machinery> and <equipment> (3) agro mechanization in <Cameroon>, <Sudan> and <Tanzania>; <domestic production>, <import>s, <research>, <engineering design>, <testing>; <training programmes> for <engineers> and <maintenance and repair> personnel <Recommendations>, <statistics> Additional reference: <appropriate technology>

ENGL
37 20

15347 1985

Allanwerdt, Munir
UNIDO

(R) PROMOTION OF THE MULTIPURPOSE APPROACH TO THE MANUFACTURE OF AGRICULTURAL MACHINERY AND OTHER CAPITAL GOODS. REPORT ON IRRIGATION PUMPING

UD/GLO/84/127

Vienna 1985 61 p tables, graphs, illus

<UNIDO pub> <Expert report> on the relevance of <pumps> for <agriculture> in <developing countries> - covers (1) <choice of technology> initial and operating <costs>, <irrigation> systems, <water management> systems (rural <water supply>, reservoirs) (2) the use of <solar energy> and <wind energy>, pump characteristics and efficiency, pump <components>, their <maintenance and repair> and depreciation (3) <domestic production> of pumps and the multipurpose approach to <agricultural machinery> <manufacturing> <Recommendations>, <statistics> <Restricted>

ENGL
37 20

15348 1985

Faruqi, A A
UNIDO

UNIDO/ESCAP WORKSHOP ON ACCELERATED GROWTH THROUGH COOPERATION IN SELECTED INDUSTRIAL SECTORS IN THE DEVELOPING COUNTRIES OF THE ESCAP REGION, BANGKOK, 1985

THE PETROCHEMICAL INDUSTRY IN THE DEVELOPING ESCAP REGION. PAST REVIEW AND FUTURE PROSPECTS. SECTORAL WORKING PAPER SERIES, NO 41

Vienna, 1985 121 p tables

UNIDO-UNIDO/IS 563/Add 2

<UNIDO pub> on the <petrochemical industry> in selected countries of the <ESCAP> region - covers (1) the role of <petrochemicals> for the <industrial development> of <developing countries>, link with <agriculture> and <small scale industry> (2) basic products: <plastics>, <synthetic fibres>, <synthetic rubber>, <detergents>; <consumption> <trends>; <economic conditions> of <Pakistan>, <India>, <Korea R.>, <Iran>, <Indonesia>, <Thailand> (3) the DCs policies with regard to <import substitution>, <domestic market>, <export>s, <infrastructure>, <financing>, <choice of technology>, <training> requirements, <research>, <supply and demand>, future outlooks <Statistics>.

ENGL
35 30

15349

1986

Erichsen, Harald M

UNIDO

(R) ECUADOR. APOYO A REHABILITACION DE PUENTES EN AREAS DECLARADAS EN EMERGENCIA. INFORME FINAL.

UC/ECU/83/206

Vienna, 1986. 87 p. tables. illus.

UNIDO-UNIDO/IO/R.221

<UNIDO pub>. <Final report> on the construction of <wood>en <bridges> in <Ecuador> - covers (1) choice of location for the construction of a <prototype> (2) characteristics of <tree species> and <processing> of suitable <timber>. <drying> methods. <steel> parts and <assembling> <moulds> (3) <workshop> and its <equipment>. <costs>. illustrations and <diagram> plans for <prefabricated building> of bridges <Project document> <Restricted>.

SPAN

39 20

15350

1985

UNIDO

SPONGE IRON INDIA LTD. HYDERABAD

(R) VIETNAM. FINAL REPORT ON TESTS ON IRON ORE AND COAL SAMPLES

RECEIVED FROM THE GOVERNMENT OF VIETNAM THROUGH UNIDO

SI/VIE/84/801

Vienna, 1986. 30 p. tables. illus.

<UNIDO pub> <Expert report> on testing of <iron ore> and <coal> samples from <Vietnam> - covers (1) <laboratory> <testing> in rotary <furnace> to determine suitability of samples for production of metallized <sponge iron> for <steel> making (2) <chemical analysis> and physical characteristics. <direct reduction> tests. Conclusions <Recommendations>. <statistics>. <Restricted>

ENGL

36 20

15351

1985

Maxwell, J

UNIDO

(R) INDIA. REPORT ON DUTY AT THE HARTRON IDDC UNIT, AMBALA CANTT. HARYANA. (OPTICAL INDUSTRY).

DP/IND/79/046

Vienna, 1985. 56 p. tables. diagrams.

<UNIDO pub>. <Expert report> on assistance to an <optical industry> in <India> - covers (1) <training programmes> at a <development centre> (IDDC) on <engineering design>. <manufacturing> and <testing> of <optical instruments> and microscopes. lens analysis; use of <computer>s (2) <training abroad>. <staff> needs. <location of industry>. modern <trends>. <glass> <specifications>. relations between <industry and higher education>. (<lasers>. <television>). <Recommendations>. <diagram>s. illustrations <Restricted>.

ENGL

37 50

15352

1985

Ciaccio, Cesar Francisco
Gutierrez Hinojosa, Ramon L.

UNIDO

FUNDACAO TROPICAL DE PESQUISAS E TECNOLOGIA "ANDRE TOSELLO"
(R) MOZAMBIQUE REHABILITATION, MODERNIZATION AND EXPANSION OF SMALL
AND MEDIUM-SCALE MILLING PLANTS FINAL REPORT

UC/MOZ/83/050

Vienna, 1985 89 p tables, maps, diagrams, illus

<UNIDO pub> <Final report> on assistance to <milling industry> in
<Mozambique> - covers (1) principal <agricultural products> for
<domestic consumption> in <rural areas>, (<millet>, <rice>,
<flour>, etc) (2) large, small and <medium scale industry>s,
<location of industry>s, <productivity>, <agricultural equipment>
on hand, <commercialization> efforts by <public sector>
<enterprise> (Agricom) (3) <factory layout>s, <technical
assistance> proposals, <training programmes>, <infrastructure> and
<equipment> requirements <quality control>, <laboratory>, <costs>
estimates <Recommendations>, <statistics>, <bibliography>,
illustrations <Restricted>

PORT

31 30

15353

1986

Cano, Jose Carlos

UNIDO

(R) CHILE DESARROLLO DE PUENTES MODULARES DE MADERA INFORME DE
AVANCE Y RECOMENDACIONES

SI/CHI/84/803

Vienna, 1986 35 p tables

UNIDO-DP/ID/SER A/671

<UNIDO pub> <Expert report> on introduction of modular <wood>en
<bridges> in <Chile> - covers (1) choice of suitable <tree
species>, <engineering design> in relation to resistance to loads,
<quality control>, <wood technology> (2) building schedule of
<prototype>, the application of <prefabricated building> modules
system and characteristics of each wood type <Recommendations>
<Restricted>

SPAN

32 10

15354

1986

Liponski, M

UNIDO

(R) GUINEE ASSISTANCE TECHNIQUE A LA SOCIETE DE RECHAPAGE SOGUIRET
RAPPORT TECHNIQUE INTERMEDIAIRE DE PROGRES

SI/GUI/85/801

Vienna, 1986 9 p

<UNIDO pub> <Expert report> on assistance to a <tires> recap

<workshop> in <Guinea> - covers (1) tread recapping techniques, <production capacity>, extent of <domestic market> (2) problems related to effect of <temperature> on <adhesives>, varied <moulds> in use and to be constructed (3) increase in number of <motor vehicles> and <equipment> requirements, <costs> <Recommendations> <Restricted>

FREN
32 50

15355 1986

De Soete, Gerard

UNIDO

(R) INDIA APPLICATION OF ALTERNATIVE FUELS FOR INTERNAL COMBUSTION ENGINES. IIP, DEHRA DUN FINAL REPORT

DP/IND/82/001

Vienna, 1986 48 p tables, diagrams

<UNIDO pub> <Final report> on assistance in development and use of <methanol> <engine fuel> in <India> (with special reference to <diesel engines> and two stroke engines) - covers (1) <energy conservation> aspects of the project, establishment of a <testing rig>, studies on <alcohol> combustion, <research> activities on combustion, acquisition of <optical instruments> for optical measurements inside the <engines> (2) <training programmes> on ignition and basic combustion, results of <experiments> with varying parameters <Recommendations> <Restricted>

ENGL
35 30

15356 1986

UNIDO

UNIDO GENERAL CONFERENCE PROGRAMME AND BUDGET, 1986-1987

Vienna, 1985 199 p tables

UNIDO-UNIDO/GC 1/10/Rev 1

<UNIDO pub> on <UNIDO work programme> and <budget> for 1986-1987 - covers (1) total estimated resources and programme <costs>, analysis of overall costs, programme and <staffing for policy making and co-ordination>, <industrial studies> and <research>, <industrial operations>, <conference services>, <administration> (2) regular budget and operational budget <Statistics>

ARAB CHIN ENGL FREN RUSS SPAN
29 40

15357 1985

UNIDO

GENETIC ENGINEERING AND BIOTECHNOLOGY MONITOR ISSUE NUMBER 13

Vienna, 1985 70 p

||||

<UNIDO pub> reporting on developments in the fields of <genetic engineering> and <biotechnology> - covers (1) policy, news and events, country news, <research>, <patents> (2) applications in <pharmaceutical industry>, <livestock>, <agriculture>, <food production> and <processing>, <chemicals>, (3) <energy>, <pollution

control> (4) bio<informatics>, <equipment> (5) relevant <meeting>s.
Additional reference: <industrial safety>.

ENGL
35 50

15358 1985

Collin, M N

Estanove, P

UNIDO

(R) MALI. RAPPORT DE MISSION A L'USINE DE BAGUINEDA. JUILLET 1985.

(AIDER LA SOCIETE DE CONSERVES ALIMENTAIRES DU MALI, SOCAM).

DP/MLI/81/DD2

Vienna, 1985. 38 p. tables, diagrams, illus.

.....

<UNIDO pub>. <Expert report> on assistance to a <canned food>
industry in <Mali> - covers (1) installation of <equipment> for
<quality control> <laboratory> (2) <in-plant training> of
<technical personnel> in <maintenance and repair> of <machinery>
for production of <fruit juice>s and <fruit> processing,
<packaging> problems <Recommendations>, illustrations. Additional
reference: <agri-product processing>. <Restricted>.

FREN
31 50

15359 1986

Scherb, Margit

UNIDO

THE NON-FERROUS METALS INDUSTRY OF THE FEDERAL REPUBLIC OF GERMANY.

Vienna, 1986. 36 p. tables.

.....

<UNIDO pub>. <Expert report> on the <nonferrous metals> industry in
<Germany FR> - covers (1) the <mining> of <mineral resources>,
<import>s; growth of the <production capacity> of <semimanufactured
products>, in <aluminium>, lead, <copper>, <nickel>, zinc, <tin>
and <alloys> (2) <domestic consumption> in the <machinery> and
<electrical industry>s, <chemical industry>, <transportation and
<construction industry>s. <Bibliography>, <statistics>.

ENGL
36 20

15360 1986

Gilbert, Stephen L.

UNIDO

(R) UPGRADING EXISTING SILICON FOUNDRY FACILITIES IN THE ESCWA REGION.

Vienna, 1986. 3 p.

.....

<UNIDO pub>. <Expert report> on upgrading <silicon> <foundry>
facilities in <Algeria> and <Iraq> - covers (1) need for new
production <equipment> (2) the incorporation of a more diversified
<product mix> and new <engineering design>s. <Recommendations>.
<Restricted>.

ENGL
35 30

15361

1985

Barbier, Dominique

UNIDO

(R) ASSISTANCE A LA BANQUE OUEST AFRICAINE DE DEVELOPPEMENT POUR
L'IDENTIFICATION, LA PROMOTION ET L'EVALUATION DE PROJETS
INDUSTRIELS. RAPPORT FINAL.

UC/RAF/83/001

Vienna, 1985 21 p

<UNIDO pub> <Final report> on assistance to <West Africa>n
<Development Bank> for industrial <project selection> and <project
evaluation> - covers (1) objectives of the project; <case study> of
the organization, <methodology> and activities of the bank with
regard to handling of <industrial project>s (2) analysis of
<financial aspects> and <economic implications>, need for
<technical personnel> and <structural change>s, <industrial
programming> instructions; proposals for <technical assistance> to
carry out <feasibility study>s <Recommendations> <Restricted>

FREN

29 30

15362

1985

Hamid, Djurzan

UNIDO

(R) INDONESIA. THE SITUATION OF THE ELECTRIC POWER EQUIPMENT INDUSTRY
COUNTRY CASE STUDY

Vienna, 1985 57 p tables

<UNIDO pub> <Expert report> on assistance to the <electric power>
equipment industry in <Indonesia> - covers (1) the growth and
organization of the <public sector> (2) <domestic production> of
<electrical equipment>, constraints (3) linkages with other
<capital goods> industries (4) <government policy>s, need for
<technical assistance> <Statistics> <Restricted>

ENGL

15363

1986

Casal, Alberto

UNIDO

(R) LA MINERIA DEL COBRE EN CHILE DENTRO DEL PROCESO DE
REESTRUCTURACION DE LAS INDUSTRIAS EN PAISES EN DESARROLLO

Vienna, 1986 59 p tables

<UNIDO pub> <Expert report> on <copper> <mining> in <Chile> -
covers (1) the extent of the <public sector> <mineral resources>;
existing <infrastructure>, <manpower>, <equipment>, <utilities>
consumption, <production capacity>, <capital investment>, <commercialization> and sales (2) <government policy>s, the setting
of <prices>, <foreign investment> by <transnational corporations>;
<legislation> and concessions, <fiscal policy>, <taxation>, <interest>s, <development potential> <Statistics> <Restricted>.

SPAN

36.20

15364

1986

UNIDO

BENIN. L'INDUSTRIE AFRICAINE EN CHIFFRES. VOL. II. (REPUBLIQUE POPULAIRE DU BENIN.)

Vienna, 1986. 16 p. tables.

UNIDO-UNIDO/IS 603

<UNIDO pub> on the <industrial sector> in <Benin> - covers: basic indicators for: number of <workers> in <industrial enterprises> in the <food industry>, <beverage industry>, <tobacco industry>, <clothing>, <leather> and <textile industry>s, <wood>, <wood products> and <pulp and paper industry>s, <chemical industry>, <nonmetallic minerals> and <machinery industry>s; <productivity>, <value added>, <wages>. <Statistics>

FREN

21.20

15365

1986

UNIDO

ANALYSIS OF THE ENERGY SECTOR IN RELATION TO INDUSTRIALIZATION SCENARIOS FOR THE YEAR 2000

US/82/033A

Vienna, 1986. 36 p. tables

UNIDO-UNIDO/IS 594

<UNIDO pub> on estimates of <energy> <demand> in relation to <industrialization> for the year 2000 - covers (1) recent decrease in energy demand and increase in <industrial production> as a result of <structural change>s in industry and economy (2) <methodology> to determine energy efficiency and <industrial growth> rates in the <metals>, <steel>, <nonferrous metals>, <building materials>, <chemicals>, <pulp and paper industry>s (3) estimates of overall growth in relation to <energy economics>, <macroeconomics> implications; <North-South> balance in <manufacturing> sector. <Bibliography>, <statistics>

ENGL

34.10

15366

1986

UNIDO

MEXICO. RESTRUCTURING OF THE TEXTILE INDUSTRY. REQUIREMENTS AND POLICY OPTIONS

Vienna, 1986. 94 p. tables, maps.

UNIDO-UNIDO/IS 595

<UNIDO pub> on the restructuring of the <textile industry> in <Mexico> - covers (1) the contribution of <textiles> and <clothing> industries to <economic growth>; <foreign exchange> earnings, <employment> creation, promotion of <regional development> (2) <prices>, <competitiveness> and <costs> in international perspective, <labour costs> comparison, cost structure (3) <natural fibres> and <manmade fibres>, <production capacity> and <consumption>; recent technological <trends> in <spinning> and <weaving> and the effect of age on existing <machinery> (4) <market>s and <trade liberalization>, need for <modernization>, <government policy>. <Recommendations>. <Statistics>.

ENGL

32.30

15367

1985

Schindlbauer, H

UNIDO

(R) PROJECTION OF R&D TRENDS IN THE PETROCHEMICAL INDUSTRY POSSIBLE
IMPACT ON PRODUCTION STRUCTURE IN DEVELOPING COUNTRIES BY THE YEAR
1990

Vienna, 1985 57 p diagrams

<UNIDO pub> <Expert report> on <research and development>
activities in the <petrochemical industry> in <developing
countries> - covers (1) <computer> controlled operations and new
<research> trends in the use of <methanol> to produce <chemicals>
<fermentation> of organic matter to <methane> <cellulose> to
<ethanol>, new routes to petrochemical <intermediates> <naphtha>
substitutes (2) the advantages of swimming petrochemical plants,
the <hydrogen> separation process, methane as source of <energy>,
implications in the use of <aromatics>, polymers, <synthetic
fibres>, <coal> <chemistry>, <biomass>, <Restricted>

ENGL

35 10

15368

1986

Lom, E J

Reeves, R R

UNIDO

BLENDED OF ALCOHOLS WITH DIESEL FUELS

US GLO/83/039

Vienna, 1986 243 p tables, graphs, illus

UNIDO-UNIDO/IC 625

<UNIDO pub> <Expert report> on the blending of <diesel engines>
<fuels> with <alcohols> and its possible application in <developing
countries> - covers (1) <import substitution> by using domestically
produced <ethanol> for <imported crude petroleum> (2)
technologies in use, <evaluation> of thermodynamic engine
performance with up to 30% ethanol substitution and without engine
modification, <development potential> for <commercialization>
purposes, engine <testing> <equipment> and measuring methods, test
fuels and test results, <Recommendations>, <statistics>

ENGL

34 30

15369

1985

Newson, M

Wall, David

UNIDO

POLICY AND INSTITUTIONAL OBSTACLES TO SOUTH-SOUTH TRADE IN
MANUFACTURES

Vienna, 1985 123 p tables

UNIDO-UNIDO/IS 584

<UNIDO pub> on obstacles to the expansion of <South-South> <trade>
in manufactures between <developing countries> - covers (1) recent
global and regional <trends> showing prevalence of interregional

<export>s, and <economic growth> limited to newly industrialized DCs (2) the effect of <import substitution>, <tariff policy>s and <import> taxes; payments and <credit> arrangements for <regional cooperation>, their impact on trade, export <financing>; <trade liberalization> attempts in <Latin America>, <Africa>, <Asia> and the <Arab countries>. <Statistics>.

ENGL
16.30

15370 1986

UNIDO

(R) THAILAND A FRAMEWORK FOR TECHNICAL ASSISTANCE PROGRAMMING IN INDUSTRY WORKING PAPER

Vienna, 1986 48 p.

UNIDO-UNIDO/IS/R 19

<UNIDO pub> on <technical assistance> to the <industrial sector> in <Thailand> - covers (1) <structural change>s, <industrial development> objectives and policies, support for small and <medium scale industry>s, creation of industrial zones and <industrial estate>s, <subcontracting> arrangements (2) <agro-industry> and <quality control>, <export promotion> efforts, technology, <research and development>, <investment promotion> and industrial restructuring, <testing> and <standards>, <technology transfer> <Bibliography> <Restricted>

ENGL
21.20

15371 1986

Anderson, E

Lux. B

UNIDO

POTENTIAL APPLICATIONS OF COMPOSITE MATERIALS AND ASSOCIATED TECHNOLOGY IN DEVELOPING COUNTRIES

Vienna, 1986 153 p tables, graphs, diagrams

UNIDO-UNIDO/IS 600

<UNIDO pub> on applications of composite <new materials> in <developing countries> (reference <advanced technology>) - covers (1) the advantages of fibre-reinforced materials, <engineering design> requirements, fabrication techniques such as <moulding>, the use of <raw materials> (<glass>, <plastics>, <asbestos>, <steel>), the <development potential> of <manufacturing> in the DCs, <energy>, <manpower> and <infrastructure> requirements, <quality control> <Statistics>, <bibliography> Additional references: <pipe>s, tanks and reservoirs, <transportation>

ENGL
25.30

15372 1986

May, Willie Eugene

UNIDO

(R) ASSISTANCE TO THE SERVICE CENTRE OF TESTING TECHNOLOGY IN EAST CHINA. FINAL REPORT.

DP/CPR/81/030

Vienna, 1986. 9 p.

<UNIDO pub>. <Expert report> on <training programmes> on <testing> technology in <China> - covers use of chromatographic methods in analytical <chemistry> and in determination of physico-chemical properties, preparation and certification of <standards> reference materials, existing <equipment> at Shanghai Institute of Testing Technology <Recommendations>, <list of participants> <Restricted>

ENGL
35 20

15373 1985

Do Porto, Oscar Ramon

UNIDO

INFORME REGIONAL SOBRE LA INDUSTRIA PESQUERA EN LATINOAMERICA

Vienna, 1985 1 vol (various pagings) tables, maps

<UNIDO pub> <Expert report> on <fishery> industries in <Latin America> - covers (1) analysis of the importance of fishing in <Peru> <Dominican Republic>, <Argentina>, <Chile>, <Colombia> (2) socio-economic factors, <fish> and <shellfish> as source of <protein rich food>, number of <fishing vessels>, recent <investments> and <legislation>, <fishery product processing> (<canning>, <salt>ing, <freezing>, <refrigeration>, <preserving>, <fish meal> and <fish oils>), <commercialization>, <food technology>, <quality control>, <market>, <exports>, <regional cooperation>, <government policy>s <Statistics>

SPAN
30 10

15374 1985

Petuknova, S

UNIDO

TEXTILE AND CLOTHING INDUSTRIES IN CMEA COUNTRIES PLANS AND TRENDS OF RESTRUCTURING

Vienna, 1985 148 p tables

<UNIDO pub> <Expert report> on restructuring <trend>s of the <clothing> and <textile industry>s in <CMEA> countries - covers (1) <manpower> employed, <capital investment> in the sector, share of production by individual member countries, <engineering> and technological factors (2) natural <raw material>s shortages, development of <synthetic fibres> industry, <research and development>, <equipment>, forms of <regional cooperation> and <trade>, <exports> and <imports>, relations with <developing countries> <Bibliography>, <statistics> Additional references: <cotton>, <wool>, <silk>, <knitting>, <hemp> <flax>

ENGL
32 30

15375 1985

Konotopov, M. V.

UNIDO

ANALYSIS OF THE CURRENT STATE AND RESTRUCTURING TRENDS IN THE TEXTILE AND CLOTHING INDUSTRY OF THE USSR

Vienna, 1985 75 p. tables

<UNIDO pub> <Expert report> on <clothing> and <textile industry>s in the <USSR> - covers (1) the organization of <public sector> industry through centralized <management>, the role in the <national economy> and <manufacturing> output (2) <domestic consumption>, <export>s, <development potential> and <diversification>, <import>s, <labour productivity>, <women> as <labour> force, source of <equipment>, <technological change>s <Recommendations> <bibliography>, <statistics> Additional references: <cotton>, <wool>, <silk>, <carpets>, <flax>, <hemp>, <manmade fibres>, <synthetic fibres>, <spinning>, <weaving> <knitting>

ENGL
32 30

15376 1985

UNIDO

TIMBER RESEARCH AND DEVELOPMENT ASSOCIATION, UK
EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985
TIMBER STRESS GRADING EVALUATION OF RESPONSES TO QUESTIONNAIRE ON
TIMBER STRESS GRADING AND STRENGTH GROUPING RESEARCH AND DEVELOPMENT
ACTIVITIES

Vienna, 1985 33 p

UNIDO-ID/WG 447/4

<UNIDO pub> on <timber> stress <grading> - covers (1) responses to a <questionnaire> on <research and development> activities in <forest products> <laboratory>s and <industry and higher education> facilities (2) <experiments> for the establishment and use of <standards> for <engineering design> purposes for the use of <wood> in the <construction industry> <Bibliography>

ENGL
32 10

15377 1986

Pettersson, Ulf

UNIDO

(R) UNIDO REPORT ON PROSPECTS FOR BIOTECHNOLOGY IN KUWAIT PART I
BIOMEDICINE

Vienna, 1986 8 p

<UNIDO pub> <Expert report> on <development potential> of <biotechnology> in <Kuwait> - covers (1) general background, <research>, <education> facilities, <manpower> in the fields of <microbiology>, biotechnology, <laboratory> resources (2) existing <infrastructure>, <technical information> sources, <technical personnel> needs (3) proposals for specific education and <training programmes> and research activities in <science>, <technology> and <genetic engineering>. <Recommendations> <Restricted>

ENGL
35 50

15378 1986

Hudson, W R.

UNIDO

(R) CHILE ASPHALTIC ROAD DESIGN. TECHNICAL REPORT.

DP/CHI/84/009

Vienna, 1986. 11 p

<UNIDO pub> <Expert report> on assistance to improvement of the <roads> system in <Chile> - covers (1) <institutional framework> connected with <research> and <engineering design> institutions for pavement rehabilitation (2) utilization of <testing> and <case study>s for development of models (3) comparison of field and <laboratory> measurements and <measuring instruments> to be used. <computer> requirements <Recommendations> <Restricted>

ENGL

33 10

15379

1985

Anderson, E

Grimm, W G

Lux, B

UNIDO

(R) ADVANTAGES IN COMPOSITE TECHNOLOGY

Vienna, 1985. 80 p. tables, graphs, diagrams

<UNIDO pub> <Expert report> on advantages in <industrial application> of <new materials> (composite) in <developing countries> (reference <advanced technology>) - covers (1) relevant basic materials, fabrication techniques (2) present and future uses of composites, <energy> production, <construction industry>, <steel>--<plastics> composite <pipe>s, <fibreglass> reinforced <containers> and reservoirs, <natural fibres> composites (3) conclusions, specific suggestions, <economic implications> for DCs <Statistics>, <bibliography>, <diagram>s. Additional references <carbon fibres>, <resins>, <synthetic fibres>. Based on experience in <Austria>. <Restricted>

ENGL

25 30

15380

1985

Johannessen, Bjoern

UNIDO

(R) VISIT TO DEVELOPING COUNTRIES REGARDING A NORWAY/UNIDO MEETING ON OFFSHORE DRILLING SUPPORT INDUSTRIES. REPORT

Vienna, 1985. 22 p

<UNIDO pub> <Expert report> on preparations for a proposed <meeting> in <Norway> on <seabed> <petroleum industry> - covers (1) discussions held in <China>, <Philippines>, <Korea R>, <India>, <Pakistan> and <Egypt> (2) relevant conditions in these countries, specific needs for exploration and exploitation of offshore <mineral resources>, the <drilling equipment> industry, <legislation>, <standards>, topics to be considered at planned meeting. Additional references <training>, <engineering>, <technology transfer>. <Restricted>

ENGL

34 40

15381

1986

Bhaduri, Amit

UNIDO

(R) COMPARATIVE ADVANTAGE, EXTERNAL FINANCE AND THE VULNERABILITY OF INDUSTRIALIZATION

Vienna, 1986. 23 p

<UNIDO pub> on problems of <industrialization policy> in <developing countries>, with special reference to <financing> - (1) discusses the concept of static and dynamic comparative advantage, its relevance to <economic policy> and the <international division of labour> (2) covers (a) preconditions for sustained industrialization (b) international <capital> movements and the vulnerability of <industrialization> (c) <investment policy>, <capital market>, <debt>, <structural change>, <econometrics>, <foreign investment> <Bibliography> <Restricted>

ENGL

29 10

15382

1985

UNIDO

LURGI, FRG

(R) INDIA. STUDY ON THE ROASTING OF AMJHORE PYRITES AND SULPHURIC ACID MANUFACTURE (PHASE 2) FOR PYRITES, PHOSPHATES AND CHEMICALS LTD NEW DELHI

DP/IND/81/018

Vienna, 1985 1 vol (various pagings), tables, diagrams

<UNIDO pub> <Expert report> on the utilization of pyrate deposits in <India> for the production of <sulphuric acid> - covers (1) <testing> of roasting of shale pyrites for <sulphur> contents, <choice of technology> (2) <chemical analysis> of <raw material>, <location of industry>, <utilities> and <staff> requirements, <ore processing> and sulphuric acid plant, <effluent treatment> (3) <equipment> needs, <budget> estimates for <equipment costs>, <capital investment>, <production costs> <Restricted>

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1986

UNIDO

EXPERT GROUP MEETING ON THE PREPARATION OF GUIDELINES FOR THE ESTABLISHMENT OF MINI-PLANTS ON IRON AND STEEL WITH SPECIAL EMPHASIS ON AFRICA, VIENNA, 1985

REPORT OF MEETING (ON ESTABLISHMENT OF MINI-PLANTS ON IRON AND STEEL) - RAPPORT ETABLI PAR LE SECRETARIAT DE L'ONUUDI

Vienna, 1986. 28 p., tables

UNIDO-UNIDO/PC 132

<UNIDO pub> <Report> on a <meeting> on economic and technical <cooperation> in the <iron and steel industry> in the <Africa>n region - covers (1) problems and constraints connected with lack of <skilled workers>, low <production capacity>, cost of <infrastructure>, burden on <foreign exchange> resources, <financial aspects>, <location of industry>s (2) items to be included in guidelines for newcomers to mini-iron and steel plants

(3) identification of needs of individual countries regarding <raw material>s (<metal scrap>, pig <iron>), <spare parts>, <appropriate technology>, <trade>, <training>, possible <joint project>s in <regional cooperation>, <TCDC> Organization of meeting <Recommendations>, <list of participants>, <documentation>

ENGL FREN
36 10

15384 1985

Astier, Jacques E.
Menuet-Guilbaud, Bernard
Migeon, Jean
UNIDO

QUATRIEME CONSULTATION SUR LA SIDERURGIE VIENNA, 1986
LIGNES DIRECTRICES POUR L'ACQUISITION DE LA MAITRISE INDUSTRIELLE EN SIDERURGIE GRACE A LA FORMATION PREMIERE ET DEUXIEME PARTIES
- NORMATIVE GUIDELINES FOR THE MASTERING OF TECHNOLOGY IN IRON AND STEEL THROUGH TRAINING PARTS I AND II
- DIRECTRICES NORMATIVAS PARA DOMINAR LA TECNOLOGIA SIDERURGICA MEDIANTE LA FORMACION PROFESIONAL PARTES PRIMERA Y SEGUNDA
Vienna, 1985 2 vol (various pagings), tables, diagrams, graphs
UNIDO-ID/WG 458 1

UNIDO-ID/WG 458 1/Add 1

<UNIDO pub> <Expert report> on the acquisition of iron and steel industry technology - covers (1) <methodology> for the study and evaluation of favourable conditions (<infrastructure>, <maintenance and repair>, <quality control>, <management>, <raw material>s, <social aspects>, <staff>, <markets>, <environmental problems>, etc.) (2) <direct reduction> and the <manufacturing> of <finished products> and <semimanufactured products> in <steel> (3) possibilities of micro-<enterprises> for small scale steel production in <developing countries> (4) <training> and <education> requirements evaluation of <job descriptions> for principal <engineers>, <supervisors> and <skilled workers> <Recommendations>, <statistics>

FREN ENGL SPAN
36 20

15385 1985

Hyoedynmaa, T
Kivimäeki, A
UNIDO

OUTOKUMPU ENGINEERING, FINLAND
IRI INDIA INVESTIGATIONS TO PRODUCE ELEMENTAL SULPHUR FROM AMJHORE PYRITE DEPOSIT STUDY PHASE 2

Vienna, 1985 2 vol (various pagings) tables, diagrams

<UNIDO pub> <Final report> on the feasibility of producing elemental sulphur from the Amjhore pyrite deposits in <India> (reference <ore processing>) - covers (1) technical, operational and <economic aspects> of setting up a <metallurgy> plant with utility <handling> facilities (2) <specifications> of offsite facilities (3) process selected, <capital costs>, <prices>, <equipment> <Statistics>, <diagram>s, <flow chart>s, <factory layout> Additional references <smelting>, <grinding>, <slag>, <utilities>, <power supply> <Restricted>

ENGL
36 30

15386

1985

UNIDO

VISHWAKARMA PROCESS TECHNIK. PVT LIMITED NEW DELHI

(R) NICARAGUA EL INFORME DE PROYECTO PARA EL ESTABLECIMIENTO DE UNA PLANTA PILOTA MULTIPROPOSITA PARA LA PRODUCCION DE QUIMICAS FARMACEUTICAS

DP/NIC/83/004

Vienna, 1985 127 p tables, diagrams

<UNIDO pub> <Expert report> on assistance to the development of a <pharmaceutical industry> in <Nicaragua> - covers (1) present use of <pharmaceuticals>, <import>s, future <development potential> in relation to <population> growth (2) <planning> <domestic production> of <public sector> <enterprise>s, establishment of a multipurpose <pilot plant> with <appropriate technology> for the <manufacturing> of basic products, <location of industry>, <availability of technical personnel>, <costs> of <equipment> and <machinery>, <raw material>s, <utilities>, <manpower> <Recommendations>, <statistics> <Restricted>

SPAN

34 40

15387

1986

Muraszkiewicz M

Tomic P

UNIDO

(R) COTE D'IVOIRE RAPPORT NATIONAL SUR LES SYSTEMES D'INFORMATION INDUSTRIELLE ET TECHNIQUE

Vienna, 1986 33 p

UNIDO-UNIDO/IS/R 37

<UNIDO pub> <Expert report> on industrial <information system>s in <Ivory Coast> (reference <INTIB>) - covers (1) existing and potential <information service>s and systems (2) national focal points proposed for INTIB, their activities, types of <data collecting> and <information processing>, the <institutional framework> (3) users of <industrial information> and <technical information>, services required by INTIB users; communication with INTIB headquarters <Recommendations>, <questionnaire>, <bibliography> Additional references, <information centre>s, <data base>s, <information technology> <Restricted>

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1985

UNIDO

SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL, BTH, VIENNA, 1985

REPORT (PANEL OF LEATHER INDUSTRY)

Vienna, 1985 9 p

UNIDO-UNIDO/PC 129

<UNIDO pub> <Report> of a <meeting> on <leather industry> -

covers: organizational matters; review of a relevant development programme in selected African countries; the <role of UNIDO>, <ITC UNCTAD GATT>, <ILO> and <FAO>; preparation for a regional meeting in <Africa>. <List of participants>, <list of documents>.

ENGL
32.40

15389 1986

UNIDO

A STATISTICAL ANALYSIS OF THE SOURCES OF CHANGE IN MANUFACTURING VALUE ADDED BY INDUSTRY AND REGION IN 1963-1980 A DECOMPOSITION APPROACH: Vienna, 1986. 113 p. tables, graphs.

UNIDO-UNIDO/IS 591

<UNIDO pub> on sources of change in <manufacturing> <value added>, considered by industry and region for the period 1963 to 1980 - (1) analyses the past growth performance of MVA of 27 industries in twelve regions of the world (2) assesses the extent of <structural change> within the manufacturing sector (3) quantifies and compares the sources of change in MVA among different countries and regions with the aid of a decomposition analysis (4) considers policy implications. <Statistical analysis> Additional references <economic policy>, <North-South>, <industrial growth>

ENGL
21.20

15390 1986

Becart, Roland

UNIDO

(R) SENEGAL ETUDE SECTORIELLE RELATIVE A L'INDUSTRIE CHIMIQUE RAPPORT TECHNIQUE.

DP/SEN/85/006

Vienna, 1986. 37 p. tables

UNIDO-DP/ID/SER A/683

<UNIDO pub>. <Expert report> on <chemical industry>s in <Senegal> - covers (1) visits to enterprises of this sector; typical products, positive factors and constraints (2) <development potential> in production of <paints and varnishes>, <plastics processing>, storage and <electric batteries> (3) a programme of action for promoting development. Annexes a note on the international <market> in <fertilizer>s. <Statistics>. Additional references. <pesticides>, <soap>, <tiles>. <Restricted>.

FREN
35.10

15391 1986

Rastogi, Lakshmi N

UNIDO

DATA NEEDS FOR STUDY OF STRUCTURAL CHANGES IN THE MANUFACTURING SECTOR

Vienna, 1986. 53 p. tables.

UNIDO-UNIDO/IS 601

<UNIDO pub> on <data collecting> for the study of <structural change>s in the <manufacturing> sector - (1) examines available data series for sample countries with a view to suggesting methods for filling gaps and preparing estimates in constant <prices> (2)

covers the following variables: labour services; gross output; <value added>-gross output ratio; gross fixed <capital formation>; stock of fixed assets. <Statistics>. Additional references: <labour costs>, <gross domestic product>, <productivity>, <capital> stock, <estimating>, <methodology>.

ENGL
14.60

15392 1986

Oettl, Manfred

UNIDO

(R) IMPORT TABLES FROM TRADE STATISTICS. PILOT STUDY FOR JAPAN. FINAL REPORT.

Vienna, 1986. 51 p. tables, graphs.

<UNIDO pub>. <Expert report> on assistance in programming <input-output table>s relating to <import>s, with special reference to <Japan> - (1) covers project components: <input-output analysis> involving <profitability>, <productivity>, <supply and demand>, <export>, <employment>, and <income> (2) presents import tables from <trade> <statistics> and a pilot study for Japan. Additional references: <econometrics>, <classification of industries> <Restricted>

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00.20

15393 1986

Mukherjee, G

UNIDO

PRELIMINARY ANALYSIS OF THE IRON AND STEEL INDUSTRY IN THE DEVELOPING ESCAP REGION. SECTORAL WORKING PAPER SERIES NO 45

Vienna, 1986. v. 81 p. tables, map, diagrams.

UNIDO-UNIDO/IS 563/Add 1

<UNIDO pub> analysing the <iron and steel industry> in <developing countries> of the <ESCAP> region - covers (1) past <economic development> and the present situation; the 1980-1982 recession, <agriculture> and <manufacturing> (2) the <steel> development sector in fifteen countries (3) <planning> for future steel <production capacity>, <raw materials>, <coal> and <natural gas>, <demand>, <choice of technology>, <investment> needs, <financing>, <Statistics>, <flow charts>, <maps>. Additional references <iron ore>, <metal scrap>

ENGL
36.10

15394 1986

Copping, L G.

Geering, Q. A.

UNIDO

(R) CHINA. VISIT TO SHENYANG RESEARCH INSTITUTE OF CHEMICAL INDUSTRY (SRICI). TECHNICAL REPORT.

US/CPR/83/286

Vienna, 1986. 51 p. tables, diagrams.

UNIDO-UNIDO/IO/R.225

<UNIDO pub>. <Expert report> on assistance to a <research centre> for <pesticides> in <China> - covers (1) visit to the Shenyang Research Institute <Chemical Industry>; suggestions for <research programmes> relating to potential <herbicides>, plant growth regulators and <insecticides> (2) proposals for additional <equipment> and facilities and for <laboratory> <documentation> (3) <training> <fellowships> in <UK> (4) screening techniques to be used in <testing> of pesticides. <Recommendations>, <diagrams>, list of major weeds in China. Additional reference <agriculture>, <health>, <pollution control>, <toxicity>, <product safety>. <Restricted>

ENGL
35 40

15395 1986

Trannoy, R.

UNIDO

(R) ALGERIE. FORMULATION ET CONDITIONNEMENT DES PRODUITS PHARMACEUTIQUES RAPPORT TECHNIQUE

UC/ALG/85/062

Vienna, 1986 210 p tabl.s. graphs

UNIDO-UNIDO/10/R 217

<UNIDO pub> <Expert report> on assistance in setting up a <pharmaceutical industry> complex in <Algeria> - covers (1) the situation in existing <factory>s. <management>, <planning>, <administrative aspects>, <training> needs. <quality standards>, <quality control> (2) <laboratory>s. <research programmes>, <choice of products> (essential <pharmaceuticals>), required <raw materials> and <chemicals>, <factory organization>, <packaging>, <production costs>, <prices>, <economic aspects> <Recommendations>, <statistics> <Restricted>

FREN
35 60

15396 1985

Haecker, Max Georg

UNIDO

BURMA TECHNICAL REPORT: IMPROVEMENT OF THE LEATHER QUALITY FOR EXPORT AND THE LOCAL MARKET.

SI/BUR/84/802

Vienna, 1985 319 p., tables, diagrams

UNIDO-DP/ID/SER A/661

<UNIDO pub>. <Expert report> on assistance to the <leather industry> in <Burma> - covers (1) <processing> and <storage> facilities for <hides and skins>, yearly production; problems connected with <chromium> <tanning> processes, <drying>, <transport>, <maintenance and repair> in <factory>s (2) <seminar> on <leather> production process, and visit to <shoes> factory (3) <chemicals> in use, <factory layout> proposals, <testing>, <quality control>, international <specifications>, <marketing>, <standards>, guidelines for the utilization of <livestock>, goat, <sheep> skins; main chemical parameters. <Recommendations>.

ENGL
32 40

15397

1986

Lassort, M. J.

UNIDO

(R) CAMEROUN. ASSISTANCE A LA PROMOTION DE PETITES ET MOYENNES
ENTREPRISES. RAPPORT FINAL.

DP/CMR/84/006

Vienna, 1986. 26 p. tables.

<UNIDO pub>. <Final report> on assistance to small and <medium
scale industry>s in <Cameroon> - covers (1) elaboration of
<training programmes> regarding <project selection> and <project
evaluation> according to specific factors such as <import
substitution>, utilization of local <raw material>s, <manpower>
availability, <decentralization>, <economic integration>,
compatibility with the <national plan>, study of available
<utilities> and of <domestic market>. (2) <appropriate technology>,
favourable <financial aspects>, role of trainer, <methodology>
<Job description>. <Restricted>

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21 40

15398

1986

Flotte, Jean-Francois

UNIDO

(R) SENEGAL. PROGRAMME D'ACTION POUR LE DEVELOPPEMENT DE L'INDUSTRIE
AGRO-ALIMENTAIRE. RAPPORT TECHNIQUE.

DP/SEN/85/006

Vienna, 1986. 29 p. tables.

UNIDO-DP/ID/SER.A/682

<UNIDO pub>. <Expert report> on development of the <food industry>
in <Senegal> - covers (1) present state and <development potential>
of this sector with special attention to: <vegetable oils>;
<fishery> and <fishery product processing>; <fruit> and
<vegetables>; <cereals>, <grain processing>; <meat industry>;
<dairy products> (2) activities of a <food> <research centre> in
Dakar. <Recommendations>, <statistics>. Additional references:
<groundnuts>, <canning>, <livestock>, <milk>, <agri-product
processing>. <Restricted>

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15399

1986

Siriban, Felino R.

UNIDO

INTERNATIONAL SEMINAR ON TECHNOLOGY OF COCONUT WOOD PROCESSING AND
UTILIZATION OF COCONUT WOOD AS BUILDING MATERIAL. LUCENA CITY,
PHILIPPINES, 1985

PRESERVATION OF COCONUT STEM AND LUMBER PRODUCTS.

UC/RAS/84/267

Vienna, 1986. 13 p.

UNIDO-UNIDO/IO.626

<UNIDO pub>. <Expert report> on preservation and protection of
<coconut palms> <wood> - covers (1) preservation treatment methods
for <tropical timber>, for its utilization in <construction
industry>, as provider of <employment> and <export> material (2)

types of <preserving> treatment in <tar> oil, organic <solvent> and <water> borne <chemicals>; their properties; <timber> preparation, planing, cutting, framing, boring and debarking; preservation <processing> methods. <Bibliography>.

ENGL
31.10

15400 1985

Guzman, Ricardo Lopez

UNIDO

VENEZUELA. INFORME FINAL SUPPORT TO SMALL- AND MEDIUM-SCALE INDUSTRY DEVELOPMENT (CORPOINDUSTRIA).

DP/VEN/85/006

Vienna, 1985. 18 p

<UNIDO pub>. <Expert report> on the restructuring of <public sector> <industrial institutions> in <Venezuela> - covers (1) <economic policy> and the <industrial sector> (2) <organizational aspects> and <institutional framework> involved in the restructuring process of Corpoindustria; <financial aspects>, <credit policy> <industrial planning> and <management> control. <decentralization> <Recommendations> <Restricted>

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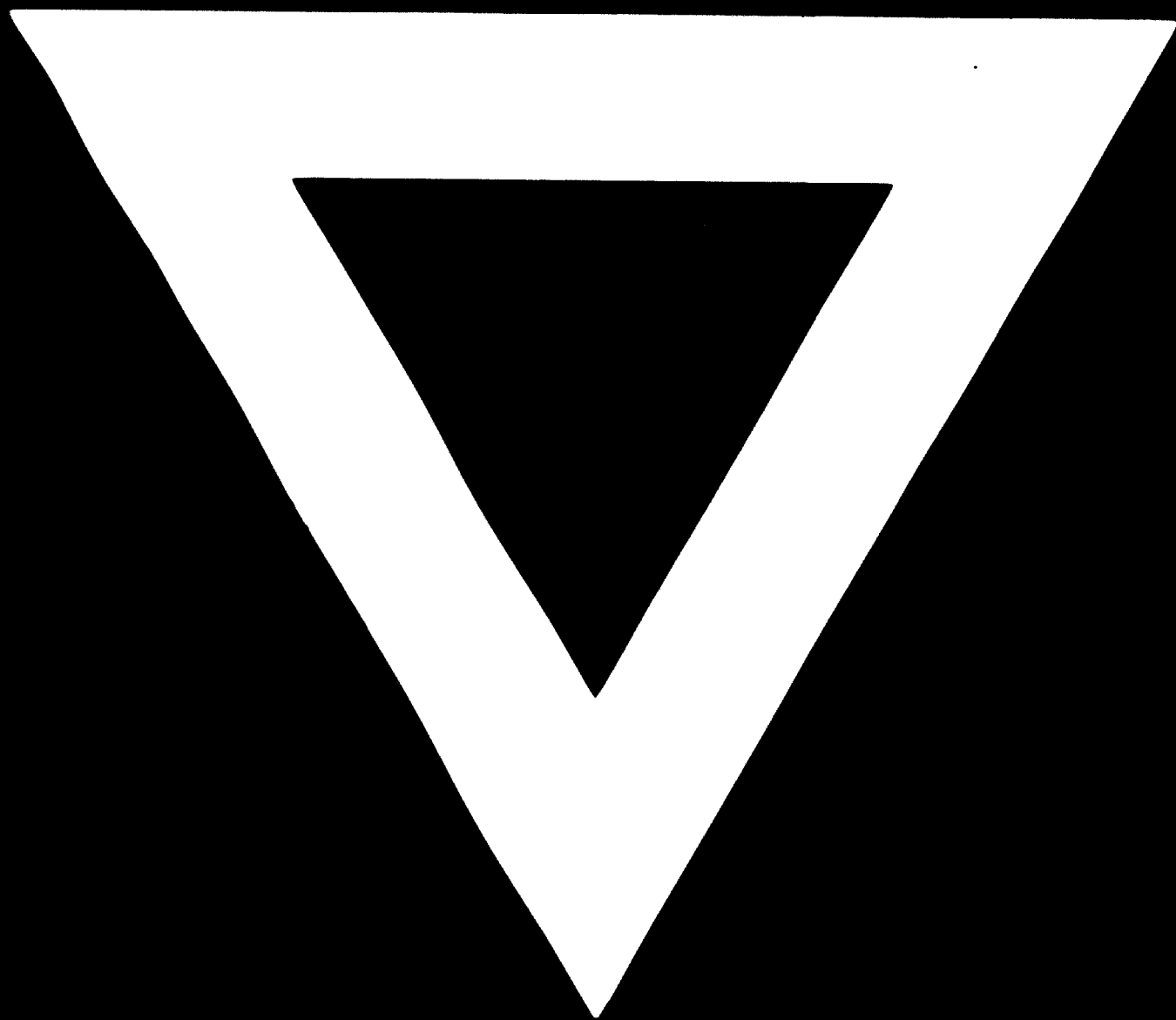
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