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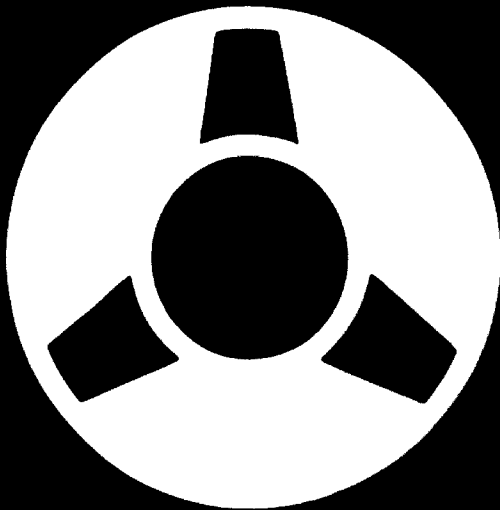
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INDUSTRIAL DEVELOPMENT ABSTRACTS

UNIDO Industrial Information System (INDIS)

14301-14400



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UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

**INDUSTRIAL
DEVELOPMENT
ABSTRACTS**

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INDUSTRIAL DEVELOPMENT ABSTRACTS

14001-15100

UNIDO Industrial Information System (INDIS)



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
Vienna, 1986

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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provides a specialized guide to UNIDO documentation on industrialization in developing countries, much of which is unpublished.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.

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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.

Эта система совместима с системами индексирования, используемыми другими органами и специализированными учреждениями Организации Объединенных Наций, что таким образом облегчает обмен информацией.

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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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Title	MICRO-HYDROELECTRIC POWER GENERATION IN PAPUA NEW GUINEA.		
Project number			
Source	Vienna, 1981. 9 p.		
Document number	UNIDO-ID/MG.329/9		
Abstract	<p><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.</p>		
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Wakim, J.M.

UNIDO

(R) AN INTRODUCTION TO THE PETROCHEMICAL INDUSTRY IN SYRIA.
Vienna, 1985. 37 p. tables, diagrams.

<UNIDO pub>. <Expert report> on <petrochemical industry>
in <Syria> - covers (1) <petrochemicals> as primary
products, <intermediates> and <finished products>;
<hydrogen>, <natural gas>, crude <petroleum>, <naphtha> as
essential <raw materials> for production of <ethylene> and
derivatives, <polyethylene>, ethylbenzene, <ethanol>,
propylene, acetone, butylenes, <benzene>, <phenol>,
<methanol>, formaldehyde, etc.; <demand> and major end
uses (2) <comparative costs> of production of <ammonia>
and <urea> in hypothetical <factory>s in Syria, Saudi
Arabia and USA. <Diagram>s. <Restricted>

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35.10

14802

1985

Takla, Assad

UNIDO

(R) CONTRIBUTION TO THE ELABORATION OF GENERAL GUIDELINES FOR MULTI-PURPOSE AGRICULTURAL MACHINERY PLANTS IN DEVELOPING COUNTRIES

UD/GLO/84/127

Vienna, 1985. 60 p. Diagrams

<UNIDO pub>. <Expert report> on promotion of <agricultural machinery> manufacture in <developing countries> - covers (1) the degree of <agricultural mechanization> and type of <machinery> needed as factor determining <choice of product>; guidelines for <factory establishment> (2) <standardization>, <location of industry>, <subcontracting> of <components>, <prices> of <raw materials>, <incentives> (3) the role of <research centres>; indigenous <engineering design>; <testing> services and <technical information>. Annexes report on mechanization in <Cyprus>, <Thailand>, <Indonesia>, <Kenya>, <Guinea>, <Togo>, <regional cooperation>. <Recommendations>. <Restricted>.

ENGL

37.20

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1984

Mandels, Mary

UNIDO

(R) INDIA. BIOSCIENCE AND ENGINEERING. TECHNICAL REPORT.

DP/IND/80/003

Vienna, 1985. 10 p.

<UNIDO pub>. <Expert report> on assistance to conversion of <cellulose> to <glucose> for production of <ethanol> in <India> - covers (1) background of project aiding the National Chemical <Laboratory> in relevant <research programmes> (2) <economic aspects> of the cellulose to ethanol process (3) NCL experimental work. <Recommendations>. Additional references <biotechnology>, <microorganisms>, <fermentation>, <enzymes>. <Restricted>.

ENGL

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1985

Chang, Ted

UNIDO

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

DP/CPR/81/030

Vienna, 1985 9 p

<UNIDO pub>. <Final report> on assistance to a <research centre> in Shanghai, <China>, regarding <testing> - covers (1) lectures given pertaining to <chemical analysis> techniques with special reference to mass spectrometry and soft ionization techniques (2) activities at the institute, service oriented research <Recommendations>. <Restricted>.

ENGL

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14805

1985

Gati, Ferenc

UNIDO

(R) BURUNDI TECHNICAL REPORT VISIT OF THE BURUNDI OFFICIALS
IN HUNGARY FOR STUDYING THE TECHNOLOGIES OF PEAT-BASED
FERTILIZERS AND THE USE OF THEIR PRODUCTS IN HORTICULTURE
AND AGRICULTURE

SI/BDI/78/801

Vienna, 1985 20 p

<UNIDO pub> <Expert report> on a visit of <Burundi> officials in <Hungary> for studying technologies for <peat> based <fertilizer>s - covers (1) specific objectives of the tour (2) peat extraction areas inspected, <choice of technology> for peat processing, visit to the <Horticulture> University in Budapest, large scale farm <soil> improvement through peat <composting> on sandy soil poor in humus, visit to the TESCO <research centre> <Recommendations> Additional reference. <research and development> <Restricted>

ENGL FREN

35 40

14806

1985

Heine, M.

UNIDO

(R) BRAZIL. CARBON FIBRE TECHNOLOGY.

ST/8RA/81/001

Vienna, 1985. 22 p. Illustrations.

....

<UNIDO pub>. <Expert report> on development of <carbon fibres> technology in <Brazil> - covers (1) polymerization of polyacrylonitril (PAN) (2) <spinning> of PAN <synthetic fibres> (3) stabilization of PAN (4) <carbonization> of stabilized PAN (5) surface treatment of carbon fibres and <testing> in model composites (6) proposals for future <research>. <Recommendations>. illustrations. Additional references: <nitrogen>, <furnace>s, <laboratory>.

ENGL

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dos Santos, Alda L.

UNIDO

(R) BRAZIL. PROPOSAL FOR SELECTION AND CHARACTERIZATION OF STARTER CULTURES FOR THE DAIRY INDUSTRY IN BRAZIL THROUGH INTERNATIONAL COOPERATIVE R&D PROGRAMMES.

Vienna, 1985. 7 p.

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<UNIDO pub>. <Expert report> on assistance to <dairy products> <research> in <Brazil>, with special reference to <lactic acid> bacteria - covers (1) objectives of a relevant <biotechnology> project (2) selection and properties of starter cultures (<microorganisms>) applied in <cheese> making (3) expected project outputs and proposed activities; project inputs; required materials and <laboratory> <equipment>. Additional references <milk>, <fermentation>. <Restricted>.

ENGL

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UNIDO

MEETING OF THE ADVISORY PANEL ON PREVENTIVE MEDICINE, 2ND,
BOGOTA, 1984.

REPORT (2ND MEETING ON PREVENTIVE MEDICINE).

Vienna, 1985. 21 p.

UNIDO-UNIDO/IO 617

<UNIDO pub> <Report> of a <meeting> on promotion of
preventive <health service>s in <developing countries>,
with special reference to production of <vaccines> -
covers (1) meeting background (2) discussions on (a) a
model programme for producing biologicals in DCs generally
and in <Africa>n countries Annexes terms of reference of
the advisory panel on preventive medicine.
<Recommendations>, <list of participants>

ENGL

35 60

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1985

Odia, S G.

UNIDO

(R) AFRICA TECHNICAL REPORT SUBREGIONAL INDUSTRIAL
PROGRAMME FOR EASTERN AND SOUTHERN AFRICA WITHIN THE
FRAMEWORK OF THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA
(IDDA) STATUS AND EVALUATION OF A SELECTED NUMBER OF MULTI-
NATIONAL INDUSTRIAL INVESTMENT PROJECTS

RP/RAF/84/032

Vienna, 1985. 180 p.

UNIDO-UNIDO/IO/R 167

<UNIDO pub> <Expert report> containing <industrial
project> profiles for eight countries of <Africa> - covers
(1) studies related to ten priority subregional projects
(2) background and country information regarding <Zambia>,
<Zimbabwe>, <Tanzania>, <Uganda>, <Ethiopia>, <Kenya>,
<Madagascar> and <Mauritius> (3) <regional> <agro-
industry>, <construction industry> and <metallurgy> (4)
<irrigation> <equipment>, sheet <glass>, <cement>, <steel>,
<rolling>, <potash> and <phosphate> <fertilizer>s,
<caustic soda>, <transformers>, <hand tools> and <copper>
products <Project document>s <Restricted>

ENGL

14.80

14810

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Quattara, Abraham

Titecat, Michel

UNIDO

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

PARTICIPATION DES ONG AU DEVELOPPEMENT DE L'INDUSTRIE DES MATERIAUX DE CONSTRUCTION EN AFRIQUE

- THE INVOLVEMENT OF NGOS IN THE DEVELOPMENT OF BUILDING MATERIALS INDUSTRY IN AFRICA.

Vienna, 1985 23 p.

UNIDO-ID/WG 444/1

<UNIDO pub> on the involvement of <nongovernmental organizations> in development of <building materials> industry in <Africa> - covers (1) background of <market> and <demand>, <development potential>, <choice of product>s, <choice of technology> (2) <financing>, <raw material>s, <energy economics>, <training> needs, <equipment>, <distribution> networks (3) the role of NGOs in <construction industry> in <West Africa>, financing, <institutional framework>, <industrial services> (4) proposals for action.

ENGL. FREN

33.20

14811

1985

UNIDO

EXPERT GROUP MEETING FOR THE FORMULATION OF STRATEGIES AND POLICIES FOR THE DEVELOPMENT OF THE CAPITAL GOODS INDUSTRY IN AFRICA, VIENNA, 1985

ELEMENTS OF STRATEGIES FOR THE CAPITAL GOODS INDUSTRY IN AFRICA. REPORT OF AN EXPERT GROUP MEETING

Vienna, 1985 22 p.

UNIDO-UNIDO/IS 538

<UNIDO pub>, <Report> of a <meeting> on <industrial policy>s regarding <capital goods> industry in <Africa> - covers (1) assessment of a relevant UNIDO document; suggestions on approaches for the formulation of strategies and measures promoting development of such industry (2) summary of discussions with reference to capital goods user and supplier industries, <Recommendations>, <list of participants>, <list of documents>.

ENGL

25.10

14812

1985

Perez, Carlota

UNIDO

(R) VENEZUELA HACIA UNA ESTRATEGIA DE DESARROLLO INTEGRAL
DEL SECTOR ELECTRONICO

DP/VEN/80/003

Vienna, 1985 91 p

<UNIDO pub> <Expert report> on a strategy for integrated development of the <electronics industry> in <Venezuela> - covers (1) importance of <engineering design> for creation of new products at relatively low <costs> and for flexible production methods (2) <integrated circuits>, electronic <components> (<chips>), <transistors>, <computer>s, their production, <world market>, software, <telecommunications>, systems and <equipment>, <export>s, etc <Recommendations>, <statistics> <Restricted>

SPAN

38 10

14813

1985

Krachler, Walter A

Victorisz, Thomas

UNIDO

(R) ASSISTANCE TO THE BANGLADESH DIESEL PLANT PREPARATORY
ASSISTANCE MISSION

DP/BGD/84/037

Vienna, 1985 83 p Tables

<UNIDO pub> <Expert report> on assistance to a <diesel engines> plant in <Bangladesh> - covers (1) activities of experts from <Germany FR>, increasing <domestic market> <demand>, target setting on percentage of <domestic production> of <engines> <components>, suggested <tariffs> for <imported engines> (2) planning of <consultant>s visits and activities, draft of new <project document> and budget, (3) required <training> aids and <equipment> <Recommendations>, <statistics>, <Restricted>

ENGL

37 30

14814

1985

Jovanovic, Zvonimir

UNIDO

(R) VENEZUELA. DESARROLLO DE LA INDUSTRIA DE EQUIPOS
ELECTRICOS. INFORME FINAL.

DP/VEN/80/003

Vienna, 1985. 29 p.

....

<UNIDO pub>. <Final report> on assistance to manufacture of <electrical equipment> in <Venezuela> - covers (1) proposal to improve manufacture of <electrical machinery> including <transformers> and to raise the level of <quality control>; need for <cooperation> between <industry and higher education> (2) the development of auxiliary industries: porcelain <insulators>, <resins>, <paints and varnishes>, <steel>, <aluminium>; revision of <standards> and <specifications>; rationalization of state enterprises producing <electric power>. <Recommendations> <Restricted>.

SPAN

38.20

14815

1985

UNIDO

MINI CEMENT WORKSHOP FOR THE ASIA AND PACIFIC REGION. BEIJING
AND TIANJIN, CHINA, 1984.

TECHNICAL REPORT: PROCEEDINGS OF THE MINI CEMENT WORKSHOP FOR
THE ASIA AND PACIFIC REGION.

DP/RAS/83/014

Vienna, 1985. 23 p.

UNIDO-DP/ID/SER A/617

<UNIDO pub> <Report> of a <meeting> on <development potential> of <cement industry> as a <small scale industry> in the <ESCAP> region - (1) covers background and organization of the workshop (2) gives summaries of fourteen country papers. <Recommendations>, <list of participants>, <list of documents> Additional references. <choice of technology>, <training>, <regional cooperation>. <China>

ENGL

33.20

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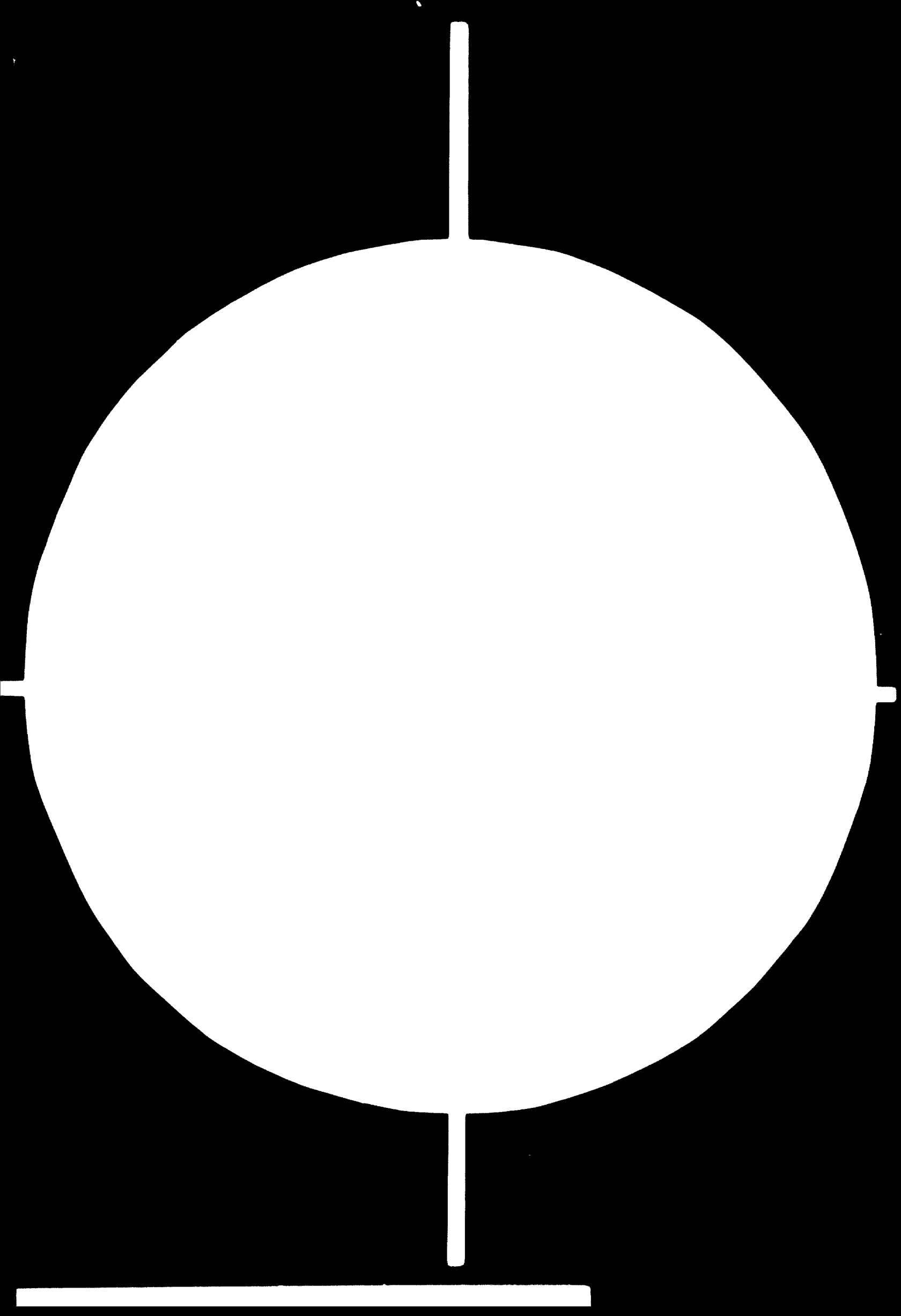
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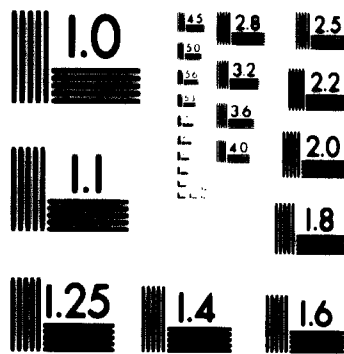
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS
STANDARD REFERENCE MATERIAL 1010a
(ANSI and ISO TEST CHART No. 2)

14816

1985

Portela, Ramon

UNIDO

CUBA. NATIONAL PAPER (FOOD PROCESSING INDUSTRY).

Vienna, 1985. 8 p.

UNIDO-UNIDO/PC.117

<UNIDO pub> on development of <food industry> in <Cuba> - covers (1) forms of <cooperation> in various areas of <agriculture> (2) experience with <fertilizer>s, <livestock> breeding, <food storage>, <biotechnology>, <pest control>, <distribution> and <marketing> (3) relevant <TCDC> (4) setting up regional centres for <rural development>; agrarian reform. Additional references: <joint venture>s, <trade>, <agricultural machinery>.

ENGL
31.30

14817

1984

Cook, David

UNIDO

RICE-HUSK ASH CEMENTS: THEIR DEVELOPMENT AND APPLICATIONS.

Vienna, 1985. 100 p. tables, diagrams, illus.

||||

<UNIDO pub> on development and applications of <cement>s based on <rice husks> ash - covers: rice husks as <raw material>; rice husk ash (RHA); methods of RHA cement production; <grinding>; the role of <lime>; properties of RHA; production and feasibility analysis; <choice of technology>; <specifications> and <quality control>. Process <statistics>, <diagrams>, <bibliography>, illustrations. Additional references: <portland cement>, <pozzolana>.

ENGL
33.20

14818

1976

Engert, Manfred

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING, BERLIN,
GDR, 1976

INTERNATIONAL CO-ORDINATION OF PLANS OF INDUSTRY.

Vienna, 1976. 16 p.

....

<UNIDO pub> on <industrial planning> within the context of
<international division of labour> (based on experience in
<Germany DR>) - covers (1) modern <industrial development>
and international co-ordination of <national plan>s; plan
co-ordination in the <OMEA> area (2) the process of plan
co-ordination; <organizational aspects>, <legal aspects>,
the <institutional framework>. Additional references:
<regional cooperation>, <economic development>

ENGL

14819

1976

Polaschewski, Edwin

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING, BERLIN,
GDR, 1976

INDICATORS AND NORMATIVES IN PLANNING INDUSTRY.

Vienna, 1976. 35 p. diagrams.

....

<UNIDO pub> on major indicators and normatives for
<industrial planning> - covers (1) functions of plan
indices; their role in planning systems of <socialist
countries> (2) principles applied in developing index
systems (3) content of indices. Gives examples of index
calculations. <Diagram>s. Additional references: <cost-
benefit analysis>, <investment>, <econometrics>.

ENGL

14820

1976

Brossmann, Karl Ulrich

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING. BERLIN,
GDR, 1976

BASIC QUESTIONS IN NATIONAL ECONOMIC PLANNING IN SOCIALISM.
Vienna, 1976. 35 p.

<UNIDO pub> on economic and <industrial planning> in
<socialist countries> - covers system of production and
<investment> <planning> in the <industrial sector> at the
level of the <national economy>, the industrial branches
and the <industrial enterprise>s as a component of
national <economic planning> Additional references
<econometrics>, <forecast>s

ENGL

14821

1976

Brauner, Dieter

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING. BERLIN,
GDR, 1976

BALANCES - A FUNDAMENTAL INSTRUMENT IN PLANNING INDUSTRY
Vienna, 1976 32 p diagram

<UNIDO pub> on balances as an instrument of <industrial
planning> (based on experience in <Germany DR>) - covers
balance sheets and <input-output table>s regarding
production, <production capacity>, <raw material>,
<manpower>, <costs>, etc., used as tools for elaborating
and realizing <national plans> of industry. Additional
reference <socialist countries>

ENGL

14822

1976

Finger, Herbert

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING,
BERLIN, GDR, 1976

MATERIAL INCENTIVES AND PLANNING INDUSTRY.

Vienna, 1976. 27 p. diagram.

....

<UNIDO pub> on the role of material <incentives> in
<industrial planning> in <Germany DR> - covers (1) forms,
methods, and functions of material incentives in drafting
and executing industrial plans at various levels (2)
experience in <socialist countries> (3) forms of material
incentives (a) for collectives such as <industrial
enterprise> (b) for individuals. Additional references:
<workers>, <income>, <social aspects>, <labour
productivity>.

ENGL

14823

1976

Garscha, Joachim

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING, BERLIN,
GDR, 1976

CO-RELATIONS IN INDUSTRIAL PLANNING AND NATIONAL ECONOMIC
PLANNING.

Vienna, 1976. 38 p.

....

<UNIDO pub> on <industrial planning> and national
<economic planning> in <Germany DR> - covers the main
sections of the <national plan> for <industrial
development> at the <national level>, branch and
<industrial enterprise> levels; interrelationships with
other main components of the national economic plan.
Additional references: <socialist countries>, <planned
economy>, <standard of living>, <labour productivity>,
<income>, <interindustry relations>.

ENGL

14824

1976

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING, BERLIN,
GDR, 1976

PLANNING THE SECTORS OF THE NATIONAL ECONOMY.

Vienna, 1976. 28 p. diagrams, tables.

...:

<UNIDO pub> on <industrial planning> in <Germany DR> - covers (1) planning for the sectors of the <national economy>; relations between sectors and branches; links in <planning> (2) planning for the <industrial sector>; the <institutional framework>, <organizational aspects> (3) indicators for industrial planning. <Statistics>, <diagram>s Additional references: <socialist countries>, <social aspects>, <centralization>.

ENGL

14825

1976

Richter, Helmut

UNIDO

INTERREGIONAL TRAINING COURSE ON INDUSTRIAL PLANNING, BERLIN,
GDR, 1976

REALIZATION OF PLANS OF INDUSTRY.

Vienna, 1976. 26 p. diagrams.

...:

<UNIDO pub> on <industrial planning> in <Germany DR> - covers <organizational aspects> and <administrative aspects> of planning; the <institutional framework>; ways to ensure plan fulfilment at the <industrial enterprise> level; the role of <management> in <socialist countries>; <social aspects>. <Diagram>s.

ENGL

14826

1985

Haworth, T.M.

UNIDO

(R) VIETNAM. IMPROVEMENT OF MAINTENANCE PROCEDURES AND PRODUCTION MANAGEMENT PRACTICES IN SELECTED TEXTILE FACTORIES IN THE SOUTH. TERMINAL REPORT.

DP/VIE/80/038

Vienna, 1985. 155 p. tables, graphs, illus.

UNIDO-DP/ID/SER B/505

<UNIDO pub>. <Final report> on assistance in improving <maintenance and repair> and production <management> in <textile industry>s in <South>ern <Vietnam> - covers (1) project background and objectives (2) <engineering> <survey> (3) reconditioning of <machinery>: <spinning>, <weaving> <bleaching>, <printing> (4) system of preventive maintenance (5) <training programmes> (6) development of production management. <Recommendations>. Appends list of <counterpart personnel>, <equipment costs> and <project document>s. <Restricted>.

ENGL

32.30

14827

1985

Zambo, Janos

UNIDO

(R) DEVELOPMENT TRENDS IN THE ALUMINA PRODUCTION.

Vienna, 1985. 26 p. graphs, diagrams.

1001

<UNIDO pub>. <Expert report> on development <trend>s in <alumina> production - covers (1) the problem of <excess capacity>s (2) changes in the structure of <production costs>, <capital costs> (3) <location of industry>; <choice of technology>; <aluminium> processing and <process control>. Process <statistics>, <bibliography>, <diagram>s. Additional references: <bauxite>, <energy saving>, <research and development>. <Restricted>.

ENGL

36.20

14828

1985

Bergwik, L.

Bondesson, P.

UNIDO

BARBADOS TECHNICAL REPORT DESIGN OF A MANAGEMENT SYSTEM
PLAN

SI/BAR/84/801

Vienna, 1985, 90 p.

UNIDO-DP/ID/SER A/612

<UNIDO pub> <Expert report> on design of a <management information system> serving the <industrial administration> in <Barbados> - covers project objectives, <computer> and <computer programmes>; <training programmes>; <management> issues; <financial aspects> and <budget> development system, salary-<wages> model and personnel administration <data base>; <investment promotion>; aspects of <project implementation>; <documentation>.

ENGL

01 20

14829

1985

Santa Maria, Gregorio G.

UNIDO

PHILIPPINES. TECHNICAL REPORT ERECTION MANUAL FOR THE
DEMONSTRATION OF COCONUT WOOD UTILIZATION IN PREFABRICATED
HOUSING.

SI/PHI/84/801

Vienna, 1985, 164 p. tables, diagrams.

UNIDO-DP/ID/SER A/613

<UNIDO pub> <Handbook> for erection of <prefabricated building>s using <wood> from <coconut palms> in the <Philippines> - covers (1) project objectives; the use of domestic, non-traditional materials in construction (2) <building design>; the use of coconut wood in combination with other locally available <building materials> (3) <wood technology>; <kiln> <drying>; using <wood wastes> for production of low-cost <furniture> and <joinery> (4) demonstration of coconut wood utilization in prefabricated <housing>; giving bill of materials. Tables, <diagram>s.

ENGL

33 10

14830

1985

Laan, C.J.

UNIDO

CHINA. NATIONAL CANE SUGAR INDUSTRY RESEARCH CENTRE.

TECHNICAL REPORT: MECHANISM OF CANE MILLING.

DP/CPR/82/005

Vienna, 1985. 91 p. tables, diagrams.

UNIDO-DP/ID/SER A/614

<UNIDO pub>. <Expert report> on assistance to cane <sugar industry> in <China> - covers (1) <factory> visits (2) improved <sugar cane> preparation <equipment> (3) milling of cane: <production capacity>, <production control>, <power supply> (4) efficient use of <steam>: <vacuum> pan and evaporator design. <Job description>, <recommendations>, <diagram>s. Additional reference: <cane sugar>.

ENGL

31.30

14831

1985

Schmel, Ferenc

UNIDO

INDIA. PROCESS-CUM-PRODUCT DEVELOPMENT CENTRE FOR SPORTS

GOODS AND LEISURE-TIME EQUIPMENT. TECHNICAL REPORT: PROJECT WORK PLAN.

DP/IND/84/009

Vienna, 1985. 52 p. diagrams.

UNIDO-DP/ID/SER A/616

<UNIDO pub>. <Expert report> on assistance to <sports goods> <development centres> in <India> - covers (1) the sports goods <market> (2) domestic <supply> of <raw materials> (3) the manufacturing industry (4) <factory layout>. Appends budget tables and list of <equipment> <Recommendations>, <job description>, <diagram>s.

ENGL

32.20

14832

1985

Fitz Gerald, Ruth

UNIDO

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

COMPARISON OF SAMPLE CLAUSES FOR CONTRACTS FOR THE INITIAL
MANAGEMENT OF A FACTORY FOR THE ASSEMBLY OR MANUFACTURE OF
AGRICULTURAL MACHINERY AND THE RENDERING OF TECHNICAL
ASSISTANCE ANCILLARY THERETO.

- COMPARAISON D'EXEMPLES DE CLAUSES POUR LES CONTRATS DE
GESTION INITIALE D'UNE USINE DE MONTAGE OU DE FABRICATION
DE MACHINES AGRICOLES ET POUR LA FOURNITURE D'UNE
ASSISTANCE TECHNIQUE CONNEXE
- COMPARACION DE EJEMPLOS DE CLAUSULAS DE CONTRATOS DE
GESTION INICIAL DE UNA PLANTA DE MONTAJE O FABRICACION DE
MAQUINARIA AGRICOLA Y DE PRESTACION DE LA ASISTENCIA
TECNICA CORRESPONDIENTE

Vienna, 1985 27 p. tables

UNIDO-ID/WG 443/2

<UNIDO pub> comparing sample clauses for <contract>s for
the initial <management> of an <agricultural machinery>
factory - draws together various types and versions of the
clauses found in drafts and precedents of the contract
under consideration <Definition>s, <bibliography>
Additional references <assembling>, <technical
assistance>, <technology transfer>.

ENGL FREN SPAN

37.20

14833

1985

Fitz Gerald, Ruth

UNIDO

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

COMPARISON OF SAMPLE CLAUSES FOR CONTRACTS FOR THE SUPPLY OF SPARE PARTS FOR AGRICULTURAL MACHINERY.

- COMPARAISON D'EXEMPLES DE CLAUSES POUVANT FIGURER DANS LES CONTRATS DE FOURNITURE DE PIECES DETACHEES DE MACHINES AGRICOLES.
- COMPARACION DE EJEMPLOS DE CLAUSULAS DE CONTRATOS DE GESTION INICIAL DE UNA PLANTA DE MONTAJE O FABRICACION DE MAQUINARIA AGRICOLA Y DE PRESTACION DE LA ASISTENCIA TECNICA CORRESPONDIENTE

Vienna, 1985 24 p. tables

UNIDO-ID/WG 443/3

<UNIDO pub> comparing sample clauses for <contract>s for the <supply> of <spare parts> for <agricultural machinery> - compiles various types and versions of clauses contained in drafts and precedents of the contract under consideration. <Definition>s, <bibliography>. Additional reference. <technology transfer>.

ENGL FREN SPAN

37 20

14834

1985

van Hook, K. H.

UNIDO

(R) INDIA COAL GASIFICATION. TECHNICAL REPORT

DP/IND/80/004

Vienna, 1985 26 p. tables.

<UNIDO pub>. <Expert report> on assistance in <coal> <gasification> in <India> - covers (1) conditions of <equipment> in <pilot plant>; development of <computer programmes> for reading of <gas> composition, process temperatures, pressures and flows; requirements for <electronic data processing> (2) analysis of various coals, of ash, <tar>, oils, gas and their products, <testing> activities (3) technical aspects, experts' visits and <training abroad> experiences, <further training> needs and participation in international <meeting>s, continuing <technical assistance> <Recommendations>. <Restricted>

ENGL

35 20

14835

1985

Shanahan, Yvonne

UNIDO

(R) INTERMEDIATE TECHNOLOGY STOVE PROJECT

Vienna, 1985 14 p illus

<UNIDO pub> <Expert report> regarding an intermediate technology <stoves> project for <developing countries> - covers (1) the application of <appropriate technology> for development of <charcoal> <cooking> stoves in <Kenya> manufactured from <metals> and <ceramics>, pottery stoves (2) use of <biomass> and <agricultural wastes> as <fuel> for small <steam> plants and for <bricks> works, <groundnuts> shell <briquettes> to be produced (3) introduction of charcoal <kilns>, <bagasse> burning <furnace>s for small <sugar> <factory>s (4) <training programmes> in <UK> for stove project staff. <Recommendations> Additional references <heating>, <energy conservation> <Restricted>

ENGL

33 50

14836

1985

Mahmoud Hassan S

UNIDO

(R) DPR KOREA TECHNICAL REPORT DEVELOPMENT OF NEW GRADES OF DEEP COLOUR DYESTUFFS FOR POLYVINYL ALCOHOL AND NYLON

SI/DRK/84/803

Vienna, 1984 12 p

<UNIDO pub> <Expert report> on assistance in development of <dyes> for <textile industry> in <Korea DPR> - covers (1) <seminar> and <training programmes> for <laboratory> staff on preparation of dyes for polyvinyl <alcohol>, visits to <factory>s and <textiles> plants (2) need for <quality control> <textile finishing> techniques and <standardization> of dyes, <training> requirements, need for co-ordination of <research and development>, problems connected with <dyeing> of <synthetic fibres>, technical procedures guidelines <Recommendations> Additional reference <chromium> <Restricted>

ENGL

35 80

14837

1985

Chatterjee, Saurin

UNIDO

(R) INDIA'S EXPERIENCE IN POWDER METALLURGY.

Vienna, 1985. 22 p. tables

....

<UNIDO pub> <Expert report> on experience in <India> regarding <powder metallurgy> (P M) - covers (1) present use for manufacture of hard <metal cutting> tips for <machine tools>, filaments for electric <lamps>, etc (2) production and uses of <iron> powder, <demand> for <motor vehicle industry>, for <agricultural machinery> and <welding> <electrodes> industries, production of <nonferrous metals> powders (3) technology of powder manufacturing (<electrolysis>, atomisation, chemical reduction, hydrometallurgy), future <development potential>, <research and development>, <technology transfer>, indigenous <knowhow>, <TCDC> Conclusions <Statistics>, <bibliography> <Restricted>

ENGL

36.30

14838

1985

D1 Piatrogiacono, M P

UNIDO

(R) SYRIA'S FOREIGN TRADE AND COMMERCIAL RELATIONS WITH THE EEC COUNTRIES

Vienna, 1985. 20 p. tables.

....

<UNIDO pub> <Expert report> on industrial foreign <trade> in <Syria>, with special reference to commerce with the <EEC> countries - covers (1) structure of foreign trade, according to national data, taking into account the present predominant role of <petroleum> in <export>s (2) analysis of <import>s and exports from 1973 to 1983, covering <food>, <wood>, <paper> products, <textiles>, <petrochemicals>, <machinery>, <transport> <equipment>, etc <Statistics> <Restricted>

ENGL

16.10

14839

1985

UNIDO

LKAB, Sweden

(R) MOZAMBIQUE. TECHNOLOGICAL AND NON-METALLIC TESTING AND DEVELOPMENT LABORATORY. FINAL REPORT.

ST/MOZ/82/001

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

....

<UNIDO pub>. <Final report> on assistance in setting up an <ore processing> <laboratory> in <Mozambique>, with special reference to <nonmetallic minerals> - covers (1) design criteria, facilities, <organizational aspects>, <costs> (2) specific functions; mineral dressing in <mining> projects; <testing>; <research> strategy; hydrometallurgical and pyrometallurgical laboratories; <equipment>, <training>. <Diagram>s, <flow chart>s. <Restricted>.

ENGL

36 30

14840

1985

Richter, Nandor

UNIDO

(R) TURKEY. TRAINING AND SUPPORT SERVICES FOR REPAIR AND MAINTENANCE OF BIOMEDICAL EQUIPMENT.

DP/TUR/84/003

Vienna, 1985. 29 p. tables.

<UNIDO pub>. <Expert report> on assistance to a <training centre> in <Turkey> with special reference to <maintenance and repair> of <medical equipment> - covers (1) assessment of existing <instruments> and of <technicians>; growing <manpower needs> to be met through <vocational training> courses, establishment of <laboratory> <training programmes> and co-ordination between <education>al institutions (2) development of advanced clinical <engineering> centre in hospital and of a pilot mobile repair unit. <Project document>, <recommendations>, <job description>. <Restricted>.

ENGL

37 50

14841

1985

Atadika, Michael R.
Russell, Thomas W.
UNIDO

(R) ASSISTANCE TO TANZANIA PETROLEUM DEVELOPMENT CORPORATION
SUMMARY REPORT OF THE SPECIAL UNDP/UNIDO MISSION
DP/URT/74/028

Vienna, 1985. 21 p. tables.

<UNIDO pub> <Expert report> on projected assistance to a <petroleum industry> (TPDC) in <Tanzania> - covers (1) role of the <private sector> in exploration, development and utilization of <hydrocarbons> resources; the role of TPDC, its structural requirements, its need for <technical assistance>, <expert>s, geological <laboratory>s, means of <transport> (2) <government policy>; the <financing> agreements for <petroleum refinery>s, <bitumen> and lube oil blending plants; <natural gas> utilization; <training abroad> and <in-plant training> of staff financed by <IBRD> and <Norway>; <Recommendations>, <statistics>, <maps>. <Restricted>

ENGL
34 40

14842

1985

Vicente, Luis Martin
UNIDO

(R) MEXICO. PLASTICOS EN AGRICULTURA.
DP/MEX/78/017

Vienna, 1985. 34 p.

<UNIDO pub> <Expert report> on assistance to research in <plastics processing> for <agriculture> in <Mexico> - covers (1) the use of <plastics> for <irrigation> <pipe>s and <sanitary wares>; study of manufacture of <plastic film> (2) introduction of <standardization> conforming to international <standards> and of measures of <quality control> especially with respect to <polyethylene> and <carbon black>; <industry and higher education> and <research centre>s; promotion of <technology transfer> and indigenous <research>; <further training> needs at all levels. <Recommendations>. <Restricted>

SPAN
35 70

14843

1985

Fitz Gerald, Ruth

UNIDO

EXPERT GROUP MEETING ON GUIDELINES FOR THE IMPORT, ASSEMBLY
AND MANUFACTURE OF AGRICULTURAL MACHINERY AND TRAINING.

VIENNA, 1985

COMPARISON OF SAMPLE CLAUSES FOR CONTRACTS BETWEEN CLIENTS
AND INDUSTRIAL ARCHITECTS FOR THE DESIGN AND SUPERVISION OF
THE CONSTRUCTION OF WORKS FOR THE ASSEMBLY OF MANUFACTURE
OF AGRICULTURAL MACHINERY

- COMPARACION DE CLAUSULAS MODELO DE CONTRATOS ENTRE CLIENTES
Y ARQUITECTOS INDUSTRIALES PARA EL DISEÑO Y SUPERVISION DE
LA CONSTRUCCION DE OBRAS PARA EL MONTAJE O LA FABRICACION
DE MAQUINARIA AGRICOLA

Vienna, 1985 56 p tables

UNIDO-ID/WG 443/6

<UNIDO pub> comparing sample clauses for <contract>s for
the construction of <agricultural machinery> <factory>s -
draws together various types and versions of clauses
contained in drafts and precedents of the contract under
consideration <Definition>s of terms used
<Bibliography> Additional references <technology
transfer>. <factory establishment>. <building design>

ENGL SPAN

37 20

14844

1985

Fitz Gerald, Ruth

UNIDO

EXPERT GROUP MEETING ON GUIDELINES FOR THE IMPORT, ASSEMBLY
AND MANUFACTURE OF AGRICULTURAL MACHINERY AND TRAINING.

VIENNA, 1985

COMPARISON OF SAMPLE CLAUSES FOR CONTRACTS FOR THE SUPPLY OF
AGRICULTURAL MACHINERY

- COMPARACION DE EJEMPLOS DE CLAUSULAS DE CONTRATOS PARA EL
SUMINISTRO DE MAQUINARIA AGRICOLA

Vienna, 1985 50 p tables

UNIDO-ID/WG 443/7

<UNIDO pub> comparing sample clauses for <contract>s for
the <supply> of <agricultural machinery> - presents
various types and versions of clauses contained in drafts
and precedents of the contract in question <Definition>s
of terms used <Bibliography>. Additional reference
<technology transfer>.

ENGL SPAN

37 20

14845

1985

Trancart, Guy

UNIDO

CONSULTATION ON THE BUILDING MATERIALS INDUSTRY, ATHENS 1985

(R) DEVELOPPEMENT DE L'INDUSTRIE DES MATERIAUX DE

CONSTRUCTION. ASPECTS DU FINANCEMENT

Vienna, 1985. 16 p

<UNIDO pub> <Expert report> on <financing> development of <building materials> industry in <developing countries> - covers (1) financial resources needed for <import> of <equipment>, cost of <energy>, <transport>, <raw materials> to satisfy demand for <public sector> buildings and <housing> (2) the length of construction period and of <amortization>, (3) local participation in financing, the role of commercial and <development bank>s, the size of the project, the technology of <minicement industry>s, choice of <furnace>s, the rehabilitation of existing <factory>s <Restricted>

FREN

33 20

14846

1985

Brezula, L.

Huber, H.

Mohr, J.

Russell, Thomas W

Sazonov, S

UNIDO

(R) ANGOLA. ASSISTANCE TO THE PETROLEUM TRAINING CENTRE SUMBE

(KWANZA SUL). REPORT OF THE PROJECT TECHNICAL COMMITTEE

DP/RAF/83/022

Vienna, 1985. 31 p tables

<UNIDO pub> <Expert report> on assistance to a <training centre> for <petroleum industry> in <Angola> - covers (1) terms of reference for a technical committee intended to solve problems encountered in <project implementation> (2) <training programmes> achieved, their <costs>, proposed future contents, verification of <equipment>, <spare parts>, <instruments> <Recommendations> <Restricted>

ENGL

34 40

14847

1985

Kehr, K H

UNIDO

(R) CHILE ASSISTANCE TO THE INSTITUTO FORESTAL IN INDUSTRIAL UTILIZATION OF WOODWASTE. TECHNICAL REPORT.

UC/CHI/83/192

Vienna, 1985. 45 p. tables, maps

<UNIDO pub> <Expert report> on assistance in utilization of <wood wastes> as an <energy source> in <Chile> - covers (1) present <forestry> and <timber> data and development potential (2) the use of <fuelwood> and <charcoal> as <import substitution> for <fuel> oil; balance between availability of residual <wood> and <demand> to cover increase in <energy> consumption (3) the alternative of chemical conversion of <biomass>, possible project implementation for mobile <pyrolysis> unit; <gasification>, <pilot plant> for <ethanol> and lignin, production of <carbon black>. <Recommendations>, <job description>, <maps>. <Restricted>.

ENGL

32.10

14848

1985

Gjorv, Odd E.

UNIDO

(R) CHINA SHANGHAI RESEARCH INSTITUTE OF BUILDING SCIENCES RESEARCH AND DEVELOPMENT OF FLY ASH UTILIZATION. FINAL REPORT.

DP/CPR/81/026

Vienna, 1985. 12 p.

ENGL

<UNIDO pub> <Expert report> on assistance to a <research centre> for <building materials> in <China> - covers (1) use of <fly ash>, <slag> and condensed silica fume in production of <concrete>, <cement>, <aggregates> (2) <training programmes> on collection, <storage>, <transport> for <refractory materials> and polymers, technology of underwater construction (3) visit to <factory> producing ferro <alloys> and to a university for <civil engineering>; proposal for <cooperation> with <Norway>. Additional references: <silicon dioxide>, <waste utilization>, <environment>. <Restricted>.

ENGL

33.20

14849

1985

Zehnder, Niklaus T.

UNIDO

(R) BURUNDI EQUIPMENT FOR A TANNERY FINAL REPORT.

RP/BDI/84/005

Vienna, 1985 6 p

<UNIDO pub> <Final report> on assistance to <tanning> establishment in <Burundi> - covers inspection of plant, <machinery> and facilities, advice given on adaptations; <equipment replacement>, installation of new machinery, <maintenance and repair>, <training assistance> <Recommendations> Additional references <leather industry>, <hides and skins> <Restricted>.

FREN

32 40

14850

1985

Fitz Gerald, Ruth

UNIDO

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

COMPARISON OF SAMPLE CLAUSES FOR CONTRACTS FOR THE TRANSFER OF KNOW-HOW, GRANT OF PATENT/TRADEMARK LICENSES, ASSIGNMENT OF TECHNICAL INFORMATION AND THE RENDERING OF TECHNICAL SERVICES ANCILLARY THERETO FOR THE MANUFACTURE OF AGRICULTURAL MACHINERY

- COMPARACION DE EJEMPLOS DE CLAUSULAS DE CONTRATOS DE TRANSFERENCIA DE KNOW-HOW, CONCESION DE LICENCIAS DE PATENTE/MARCA DE FABRICA, CESION DE INFORMACION TECNICA Y LA PRESTACION DE LOS SERVICIOS TECNICOS CORRESPONDIENTES PARA LA FABRICACION DE MAQUINARIA AGRICOLA

Vienna, 1985 49 p tables

UNIDO-ID/WG 443/5

<UNIDO pub> comparing sample clauses of <contract>s relating to <technology transfer> for manufacture of <agricultural machinery> - draws together various types and versions of the clauses contained in drafts and precedents of contracts dealing with transfer of <knowhow>, grant of <patents> and <trade mark> <license>s, assignment of <technical information>, relevant <industrial services>, <Bibliography>, <definition>s

ENGL SPAN

37 20

14851

1985

Keita, L.

UNIDO

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

LE ROLE DES ONG DANS LE DEVELOPPEMENT DES ENERGIES RENOUVABLES EN AFRIQUE.

- INVOLVEMENT OF NGOS IN THE DEVELOPMENT OF RENEWABLE SOURCES OF ENERGY IN AFRICA.

Vienna, 1985 33 p. tables

UNIDO-ID/WG 444/4

<UNIDO pub> on the role of <nongovernmental organizations> in development of <renewable energy> resources in <Africa> - covers (1) historical background (2) <energy source>s in the region and in <developing countries> (3) the present situation in generation and application of renewable energies: (4) <biomass>, <solar energy>, <>wind energy>, <hydroelectric power> (5) <choice of technology>, <equipment>, <energy economics>, <financing> (6) activities of the NGOs. Additional reference: <cooking>, <heating>, <fuelwood>.

FREN ENGL

34.10

14852

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

LA COOPERATION ENTRE L'ONUDI ET LES ORGANISATIONS NON GOUVERNEMENTALES.

- CO-OPERATION BETWEEN UNIDO AND NON-GOVERNMENTAL ORGANIZATIONS.

Vienna, 1985 23 p.

UNIDO-ID/WG 444/5

UNIDO-ID/WG 444/5/Corr.1

<UNIDO pub> on <cooperation> between <UNIDO> and <nongovernmental organizations> - covers (1) <legal aspects> (2) areas of cooperation with NGOs, the <institutional framework> (3) NGO participation in UNIDO programmes relating to <energy>, <investment promotion>, <technology>, <TCDC>, the system of consultations (4) role of the <UNIDO national committee>s. References

ENGL FREN

15.20

14853

1985

Yong, Raymond N.

UNIDO

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

FLOCCULATION AND SEDIMENTATION OF DISPERSED PARTICULATE
SYSTEMS. RECENT DEVELOPMENTS

Vienna, 1985 24 p. diagrams

UNIDO-ID/WG 446/5

<UNIDO pub> <Expert report> on flocculation and
sedimentation of dispersed particulate systems
(references: <mining>, <ore processing>) - covers:
stability of suspended material; flocculation and
coagulation, settling and sedimentation process, the
concept of suspension volumes, processing parameters and
slime/sludge properties. <Diagram>s. Additional
references: <research>, <nonmetallic minerals>.

ENGL

36.30

14854

1985

O'Sullivan, John J.

UNIDO

(R) YUGOSLAVIA. PROPOSED EXPORT PROCESSING ZONE AT SR CRNA
GORA, PORT OF BAR, MONTENEGRO. PROGRESS TO DATE.

SI/YUG/85/803

Vienna, 1985. 30 p. tables, graphs.

....

<UNIDO pub> <Expert report> regarding development of an
<export processing zone> in <Yugoslavia> - covers (1)
project background (2) <legal aspects>; past and present
<legislation> on <export oriented industry>s, <service
industry>s, <warehouse>s, transit <trade>, and shipping
<management> (3) <regional> industries, <environment> (4)
<railway>s and <air transport> (5) <site assessment>;
<power supply>, <water supply> <infrastructura> (6)
<workers>, <wages>, <working conditions> (7) <costs>;
<research> and <marketing>; <training>. <List of
participants>, <recommendations> <Restricted>.

ENGL

21.80

14855

1985

Grover, Prem D.

UNIDO

(R) PHILIPPINES ASSISTANCE TO ENERGY PRODUCTION FROM BIOMASS
WASTE MATERIALS TECHNICAL REPORT.

DP/PHI/78/022

Vienna, 1985 73 p tables, illus

<UNIDO pub> <Expert report> on assistance in utilization of <biomass> as an <energy source> in the <Philippines> - covers (1) project background (2) the <steam> <pyrolysis> <gasification> system: subjection of a substrate (biomass) to thermal degradation under the atmosphere of superheated steam, strategy of <testing> (3) cold testing of the gasifier, the rotary gasifier, <furnace> and <burners>; data analysis. Appends operational and calculated data on cold and hot testing respectively <Recommendations>, process <statistics>, illustrations <Restricted>

ENGL

35 20

14856

1985

UNIDO

RESEARCH INSTITUTE FOR CERAMICS, REFRACTORIES AND RAW
MATERIALS, PILSEN, CZECHOSLOVAKIA

(R) ETHIOPIA TECHNOLOGICAL TESTS OF NON-METALLIC RAW
MATERIALS

VC/ETH/84/013

Vienna, 1985 24 p tables, illus

<UNIDO pub> <Final report> on technological <testing> of
<nonmetallic minerals> from <Ethiopia> - <Restricted>

ENGL

35 30

14857

1985

UNIDO

TECHNO EXPORT, USSR

(R) INDIA. HINDUSTAN ANTIBIOTICS LTD. VITAMIN C PRODUCTION.

RESULTS OF THE INSPECTION.

DP/IND/82/042

Vienna, 1985. 22 p. tables.

....

<UNIDO pub>. <Final report> on assistance to a <pharmaceutical industry> producing <vitamins> in <India> - covers (1) technical and <economic aspects> of vitamin c (ascorbic <acid>) production (2) consumption of basic <raw materials> per ton of final vitamin c (3) constraints at the various stages of production (sorbitol, sorbose, diacetone sobose, DAKGA-H production, crude vitamin c production and final vitamin c production). <Recommendations>. process <statistics>. <Restricted>.

ENGL

35 80

14858

1985

Griffin, Roger C.

UNIDO

SEMINAR ON TECHNICAL SPECIFICATIONS, ECONOMIC ANALYSIS AND QUALITY CONTROL OF PACKAGES AND PACKAGING MATERIALS.

CASABLANCA, 1984.

(R) MOROCCO. FINAL REPORT. (SEMINAR ON PACKAGES AND PACKAGING MATERIALS).

DP/RAB/83/020

Vienna, 1985. 13 p.

....

<UNIDO pub>. <Report> on a <seminar> regarding <packaging> and packaging materials in <Arab countries> - presents activities of seminar held in <Morocco>, covering <food> <marketing> and <distribution>, <environmental> influences, <specifications>, <economic analysis>, <quality control>, Course <evaluation>, <Recommendations>. Additional reference: <cooperation>. <Restricted>.

ENGL

27 30

14859

1985

Fitz Gerald, Ruth

UNIDO

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

COMPARISON OF SAMPLE CLAUSES FOR CONTRACTS FOR THE SUPPLY AND INSTALLATION OF PRODUCTION EQUIPMENT FOR THE ASSEMBLY AND MANUFACTURE OF AGRICULTURAL MACHINERY

- EXEMPLES DE CLAUSES POUVANT FIGURER DANS LES CONTRATS RELATIFS A LA FOURNITURE ET L'INSTALLATION DE MATERIEL DE PRODUCTION POUR LE MONTAGE ET LA FABRICATION DE MACHINES AGRICOLES
- COMPARACION DE CLAUSULAS MODELO DE CONTRATOS PARA EL SUMINISTRO Y LA INSTALACION DE EQUIPO DE PRODUCCION PARA EL MONTAJE Y LA FABRICACION DE MAQUINARIA AGRICOLA

Vienna, 1985 79 p tables

UNIDO-ID/WG 443/4

<UNIDO pub> comparing sample clauses of <contract>s for <supply> and installation of <equipment> for an <agricultural machinery> factory - research document drawing together types and versions of clauses contained in drafts and precedents of the contract under consideration <Bibliography>, <definition>s. Additional references <technology transfer>, <factory establishment>.

ENGL FREN SPAN

37 20

14860

1985

Abdallah-Khodja, Kemal
Kanoun, Samir
Orfaly, Talaat
Pandele, Marcel
Prost de la Denise, Bernard
UNIDO

(R). GUINEE. RAPORT DE BASE POUR L'ELABORATION DU PROGRAMME
INTERIMAIRE DE REDRESSEMENT NATIONAL (PIRN) DANS
L'INDUSTRIE MANUFACTURIERE.

DU/GUI/84/006

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

UNIDO-DP/ID/SER.B/507

<UNIDO pub>. <Final report> on assistance to <industrial
programming> in <Guinea> - covers (1) <manufacturing>
background; the <industrial sector> (2) choice of
<industrial policy>; <public enterprise>s; restructuring
of the <public sector> industries; <industrial
reorganization> (3) the <institutional framework>; <legal
aspects>; <incentives> within the context of <industrial
promotion> (4) activities indicated for promotion of
<small scale industry>; <investment promotion>; relevant
<legislation>. <Statistics>. <Restricted>.

FREN

14.70

14861

1985

Arakelov V.
Schaefer, H.
UNIDO

USE AND CONSERVATION OF ENERGY IN THE CEMENT INDUSTRY.

Vienna, 1985. 47 p. tables, graph, diagram.

UNIDO-UNIDO/IS.540

<UNIDO pub> on use of energy in the <cement industry>;
with special reference to <energy saving> - covers (1)
<energy> requirements in <cement> making (2) energy
consumption in different types of clinker making
processes; impact of <choice of technology> (3) energy
conservation related to heat utilization; <electric power>
savings; substitution of <fuel>s. <Statistics>.
<diagram>s. Additional references: <kiln>s, <portland
cement>.

ENGL

33.20

14862

1985

All, Anuwar

UNIDO

(R) TECHNOLOGY DISPLAY AND RESOURCE CENTRE FOR SMALL-SCALE INDUSTRIES IN MALAYSIA.

Vienna, 1985. 17 p. table.

1111

<UNIDO pub>. <Expert report> on a <development centre> serving <small scale industry> in <Malaysia> - covers (1) the role of small industries in the national economy; <employment> (2) the concept of the <technology> display and resource centre (TDRC) providing <training>, <management development>, <industrial services>, etc. (3) experience of the TDRC since its establishment in 1983; <cooperation> with <research centre>s. Additional references: <industrial extension>, <machinery>. <Restricted>.

ENGL

21.40

14863

1985

Zwaardemaker, J.J.

UNIDO

EGYPT. CANE SUGAR INDUSTRY DEVELOPMENT. TECHNICAL REPORT.

DP/EGY/81/010

Vienna, 1985. 30 p.

UNIDO-DP/ID/SER.A/621

<UNIDO pub>. <Expert report> on assistance to <sugar industry> in <Egypt> - covers (1) visits to <factory>s; findings regarding <machinery> and operations (2) work conducted at <laboratory>s; a <training centre> at Kous (3) <equipment> for a <pilot plant>. <Recommendations>, <job description>. Additional references: <sugar cane>, <instruments>.

ENGL

31.30

14864

1985

UNIDO

MICROELECTRONICS MONITOR. ISSUE NUMBER 13.

Vienna, 1985. 69 p.

||||

<UNIDO pub> containing information on <microelectronics> - covers: news and events, <innovation>s; artificial intelligence; <market> trends, <industrial application>s, <factory> <automation>; <robots>; country reports, <computer> <education>; <standardization> and <legislation>; <social aspects> and <economic implications>; <government policy>s; recent publications. Additional references: <research and development>, <training>.

ENGL

38 10

14865

1985

UNIDO

DIRECTORY OF INDUSTRIAL AND TECHNOLOGICAL RESEARCH

INSTITUTES. PREPARED FOR INTIB

Vienna, 1985. 285 p.

UNIDO-UNIDO/IS.275/Rev 1

<UNIDO pub>. <Directory> of industrial and technological <research centre>s - contains information on 883 institutes, indicating budgets, areas of interest, projects, etc. Appends indexes. Additional references: <research programmes>, <technology>

ENGL

02.10

14866

1985

Plaetzer, Karl Heinz

UNIDO

SMALL-SCALE ELECTRONICS INDUSTRY AS SUBCONTRACTOR IN ASIA AND THE PACIFIC REGION

Vienna, 1985 iv, 58 p. tables, diagram.

UNIDO-UNIDO/IS.549

<UNIDO pub> on the role of small scale <electronics industry> in <subcontracting> in the <ESCAP> region - covers (1) linkage between large-scale and <small scale industry>s; <interindustry relations>; forms of linkage between <engineering> industries (2) small-scale electronics industry in the <developing countries> of the region (3) policies for subcontracting and complementation linkages; experience in <Indonesia>, <India> and <Korea R> (4) <industrial policy> measures for fostering linkages. <Statistics>, <bibliography>, <definition>s. Additional references. <institutional framework>, <cooperation>.

ENGL

38 10

14867

1985

Posada Isaza, Ignacio

UNIDO

INTERNATIONAL CONFERENCE ON SYNTHETIC FIBRES, BEIJING, CHINA, 1985

SYNTHETIC FIBRES IN COLOMBIA.

Vienna, 1985 6 p. tables

UNIDO-ID/WG 445/1

<UNIDO pub> on the <synthetic fibres> industry in <Colombia> - covers (1) present production and <development potential>; comparison of status with production in other countries of the region (2) <textile industry> in Colombia (3) factories producing synthetic fibres (4) projects begun in 1985. <Statistics>.

ENGL

32 30

14868

1985

Menjivar, Felipe

UNIDO

(R) HACIA UNA POLITICA INDUSTRIAL ARGENTINA.

Vienna, 1985. 136 p.

UNIDO-UNIDO/IS/R.16

<UNIDO pub> on <industrial policy> proposals for <Argentina> - covers (1) the international economic context, the influence of technological <innovation>s (2) the pattern of <industrial development> in <Latin America>, involving <protectionism>, <national planning>, <government policy>s, <debt>s, <South-South> relations; the role of <transnational corporations> (3) the <development potential> of <metallurgy> and <automobile industry>s and of the <pharmaceutical industry>.
<Restricted>.

SPAN

14.80

14869

1985

Basman, Mehmet A.

UNIDO

(R) AFRIQUE DE L'OUEST. ETUDE DE CAS: L'USINE DE CLINKER DE LA CIMAO. RAPPORT DE MISSION.

RP/RAF/85/628

Vienna, 1985. 26 p.

UNIDO-UNIDO/IO/R.157

<UNIDO pub>. <Expert report> on assistance to <cement industry> in <West Africa> - covers (1) objectives of <regional project> (CIMAO) for the production of clinker from <slag> to be furnished to <Ivory Coast>, <Ghana>, <Togo> for their production of <portland cement> (2) problems; <organizational aspects>, <administrative aspects>, <energy> sources and <prices> (3) proposals for <industrial reorganization> to be achieved by evaluating the regional needs and by granting <monopoly> status to CIMAO for production and <commerce> of clinker, <government policy>s, <Recommendations>, <list of documents>. <Restricted>.

FREN

33.20

14870

1985

UNIDO

IDB, 19TH SESSION, VIENNA, 1985

DEVELOPMENT AND TRANSFER OF TECHNOLOGY INCLUDING THE
INDUSTRIAL AND TECHNOLOGICAL INFORMATION BANK.

Vienna, 1985. 16 p.

UNIDO-ID/B/342

<UNIDO pub> on the <role of UNIDO> in <technology transfer> and development including the <INTIB> - covers (1) impact of technological <innovation>s on <research and development> and on industry, especially in the sectors of <microelectronics>, <genetic engineering>, <biotechnology>, <optical fibres>, <solar energy>, <telecommunications>, robotization (2) increased collaboration between <industry and higher education> (3) the value of <joint venture>s; international agreements (4) policies and plans in <developing countries>. <appropriate technology>, need for strengthening <industrial information> institutes and for integration of industrial and <technology policy>s. <Recommendations>, <bibliography>.

ARAB CHIN ENGL FREN RUSS SPAN

24 30

14871

1985

Marchese, Serafino

UNIDO

(R) LA ELECTRONICA PROFESIONAL EN MEXICO INFORME FINAL

DP/MEX/82/007

Vienna, 1985. 210 p. tables, graphs.

<UNIDO pub>. <Final report> on <electronic equipment> production and use in <Mexico> - covers (1) technological developments in the sectors of <telecommunications>, <informatics> and <microelectronics>, industrial electronics, <medical instruments>, <testing instruments, electronic components> (2) the size of the <market>, analysis of <demand> for each sector, the ratio of <import> and <domestic production> of <equipment>; problems of <competitiveness>, <quality control>, <standards>, <human resources>, <development potential> <Recommendations>, <bibliography>, <statistics>. <Restricted>

SPAN

38 20

14872

1985

Birik, Mustafa

UNIDO

INTERNATIONAL CONFERENCE ON SYNTHETIC FIBRES, BEIJING, CHINA,
1985.

SYNTHETIC FIBRE INDUSTRY IN TURKEY.

Vienna, 1985. 6 p.

UNIDO-ID/WG.445/2

<UNIDO pub> on <synthetic fibres> industry in <Turkey> - covers background of development, <production capacity>s and technical aspects of production with regard to <cellulose> fibres (rayon), polyamide fibres, acrylic fibres and <polyester> fibres. Describes operations at various <factory>s. Additional references: <textile industry>

ENGL

32 30

14873

1985

Kato, Y.

UNIDO

(R) SRI LANKA. ESTABLISHMENT OF A CERAMIC RESEARCH AND
DEVELOPMENT LABORATORY. PROGRESS REPORT.

US/SRL/78/207

Vienna, 1985. 15 p. tables

UNIDO-UN100/10/R.172

<UNIDO pub>. <Expert report> on progress in setting up a <ceramics> <research centre> in <Sri Lanka> - covers (1) present status of the project (2) additional <laboratory> <equipment> required (3) <research and development> projects; work plan for 1985 (4) <fellowships> training schedule. <Recommendations>. <Restricted>.

ENGL

33 30

14874

1985

Antazo, T.A.

UNIDO

(R) INDIA. TECHNICAL REPORT: QUALITY CONTROL OF PESTICIDES:
CHROMATOGRAPHIC METHODS OF ANALYSIS.

DP/IND/80/037

Vienna, 1985. 41 p. tables.

....

<UNIDO pub>. <Expert report> on assistance in <quality control> of <pesticides> in <India> - covers (1) contents of <training programmes> at <development centre>; international <specification> describing physical and chemical properties of pesticides; product <testing> for stability and impurities; <packaging> and <labelling> requirements; role of <FAO> (2) guidelines for <gas> and high pressure liquid chromatography, choice of <solvent>; <filtering> and separation conditions (3) <laboratory> <equipment>, <instruments> and <industrial safety> requirements. <Recommendations>, <bibliography>s. <Restricted>.

ENGL

35.40

14875

1985

Wolff, Hans C.

UNIDO

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

DP/IND/82/001

Vienna, 1985. 224 p. tables, graphs.

....

<UNIDO pub>. <Final report> on assistance in development of <lubricants> for internal combustion <engines> running on <methanol> in <India> - covers (1) lectures and demonstrations at <petroleum> institute on <fuel> <specifications> for commercial <motor vehicles> and <buses>; the <testing> experience in <Germany FR>; problems of <corrosion> and the use of additives, installation of <quality control> measures for <components> (2) development of suitable lubricant for four and two stroke engines, visits to <factory>s. <Recommendations>, <statistics>, <diagram>s, <bibliography>. Appendix. <Restricted>.

ENGL

37.30

14876

1985

UNIDO

INTERNATIONAL FERTILIZER DEVELOPMENT CENTER, ALABAMA
(R) INDIA. INVESTIGATIONS TO USE LOW-GRADE ROCK PHOSPHATES
FROM MUSSOORIE ROCK PHOSPHATE DEPOSITS. FINAL AGRONOMIC AND
TECHNOLOGY REPORTS.

DP/IND/81/019

Vienna, 1985. 2 vol. (various pagings). Tables, graphs.

....

<UNIDO pub>. <Final report> on potential for <phosphate>
<fertilizer>s manufacture based on low-grade phosphate
rock deposits in <India> - covers (1) physical and
<chemical analysis> of <raw material>; evaluation of
results of <laboratory> <testing> using <sulphuric acid>
and <phosphoric acid>; beneficiation through attrition
scrubbing (2) results of <greenhouses> and incubation
studies to determine agronomic potential for fertilizer
production; comparison with USA <soil>s; processing and
<pollution control> guidelines; <equipment> requirements
for industrial production. <Recommendations>.
<statistics>, <bibliography>, illustrations. <Restricted>.

ENGL

35.40

14877

1985

Bu'Lock, J.D.

UNIDO

(R) INDIA. BIOSCIENCE AND ENGINEERING. TECHNICAL REPORT.
DP/IND/80/003

Vienna, 1985. 9 p.

....

<UNIDO pub>. <Expert report> on assistance to
<biotechnology> research in <India> - covers (1) the
activities of a chemical <laboratory> in conversion of
<cellulose> into <glucose> and of glucose and <molasses>
into <ethanol> (2) production of <enzymes> by <hydrolysis>
with highest cellulose level for use in <food> and in
<agro-industry> (3) development of <yeast> strain and of
immobilized yeast reactors; development of molasses
<alcohol> (4) need to reinforce selection of
<microorganisms>; production of <starch> for industrial
exploitation and primary food items. <Recommendations>.
<Restricted>.

ENGL

35.50

14878

1985

Ledunois, Alain

UNIDO

(R) NIGER. GESTION DE BISCUITERIE. RAPPORT TECHNIQUE.

DP/NER/83/004

Vienna, 1985. 110 p. Tables

....

<UNIDO pub> <Expert report> on assistance to a <bakery products> factory in <Niger> - covers (1) analysis of <economic aspects>; <financial aspects> of an enterprise for <domestic production> of biscuits (2) <costs> of <raw material>s; <energy>; <packaging>; <prices>; future costs; evaluation of <financing> needs; <equipment> requirements; <organizational aspects>; <management>; <financial control>; <Recommendations>; <statistics>; <Restricted>.

FREN

31 50

14879

1985

Rock, Pol

Schellens, H.

UNIDO

(R) CAMEROUN. DIAGNOSTIC DE L'ATELIER DE BASSA DU CAPME

RAPPORT FINAL.

DP/CMR/79/012

Vienna, 1985. 130 p.

....

<UNIDO pub> <Final report> on assistance in improving operation of a <workshop> serving <small scale industry> in <Cameroon> - covers (1) condition of <equipment> on hand, workshop activities; <repair shop>; <maintenance and repair>; manufacture of <spare parts>; estimate of financial outlays; clients; <staff>; <technical personnel>; <workers>; <organizational aspects> (2) the determination of <prices> for work done; <quality control>; problems analysis; <management development>; study of potential <market>; the <role of UNIDO> <Recommendations>; <statistics>; <job description>s; <Restricted>

FREN

25.10

14880

1985

Elson, David M.

UNIDO

SYRIA ASSISTANCE TO THE PUBLIC UNDERWEAR INDUSTRY. TECHNICAL
REPORT

I/SYR/84/801

Vienna, 1985 26 p.

UNIDO-DP/ID/SER A/626

<UNIDO pub> <Expert report> on assistance to the
underwear <knitting> industry in <Syria> - covers (1)
activities at two <factory>s with regard to <yarns>, 200p
length measurement, <quality standards>, fabric
development, etc. (2) use of various <equipment> and
<measuring instruments>. <Recommendations>. Additional
reference <clothing>.

ENGL

32 30

14881

1985

Robinson, Thomas J.

UNIDO

SYRIA ASSISTANCE TO THE PUBLIC UNDERWEAR INDUSTRY.

SI/SYR/84/801

Vienna, 1985 33 p tables

UNIDO-DP/ID/SER A/627

<UNIDO pub> <Expert report> on assistance in <cost
accounting> to the underwear <knitting> industry in
<Syria> - provides basic guidelines for improvement in the
<production costs> structure at a <factory> in Damascus,
covering methods for <budgeting> and cost control as well
as the effects of improvements in processing methods.
<Statistics>. Additional references <costing>. <prices>.
<productivity>.

ENGL

32 20

14882

1985

Kissmeyer-Nielsen, Erik

UNIDO

COOK ISLANDS TECHNICAL REPORT REHABILITATION OF THE
PINEAPPLE DRYING PLANT

SI/CKI/85/801

Vienna, 1985 27 p diagrams

UNIDO-DP/ID/SER A/619

<UNIDO pub> <Expert report> on assistance to a
<pineapples> <drying> plant in the <Cook Islands> - covers
(1) project background (2) present situation, <tropical
fruit> processing, dehydrated pineapples as a primary and
dehydrated <papayas> as a secondary product (3)
<machinery> and <energy> needs, constraints
<Recommendations> Additional reference <food technology>

ENGL

31 10

14883

1985

UNIDO

IIASA Austria

DARTMOUTH COLLEGE, USA

(R) COMPUTERIZED DECISIONS AIDS FOR INDUSTRIAL

MANAGEMENT TECHNICAL REPORT DESIGN OF A COMPUTER MODEL

UC/GLO/84/192

Vienna, 1985 108 p Tables, graphs

UNIDO-UNIDO/IO/R 168

<UNIDO pub> <Expert report> on design of <computer>
<models> to aid <decision making> in industrial
<management> - (1) covers project background (2) presents
interim report on <survey> of professional data sources
(3) introduces model strategy, session on sectoral
interactions, marginal rates of <investment returns> and
<investment policies> covering <population> and household
<consumption> <energy> production and efficiency, <food
production> and <environmental> protection, <exports>
<imports> and <debts> Appendix <evaluation>
<questionnaire>, <Statistics> Additional references
<systems design>, <management information system>
<Restricted>

ENGL

22 10

14884

1985

Buchanan, William

UNIDO

LABOUR INTENSIVE AND SMALL-SCALE BRICKMAKING

Vienna, 1985 145 p. Diagrams, illus.

UNIDO-UNIDO/IO 616

<UNIDO pub> <Expert report> on <bricks> making as a
<labour intensive> <small scale industry> - covers (1)
<choice of product> (2) <raw material>s selection and
<testing> (3) test <evaluation> (4) <clay> digging, mixing
and forming; hand <moulding> (5) <drying> and firing,
<kiln>s, <fuel>s. <Bibliography>, <diagram>s,
illustrations. Additional references <energy saving>

ENGL

33 30

14885

1985

Heinonen, O

Huebner, W

Rosati, Dariusz K

UNIDO

(R) CUBA. PRE-FEASIBILITY STUDY ON PRODUCTION OF NEWSPRINT
FROM BAGASSE. TERMINAL REPORT

UC/CUB/84/014

Vienna, 1985 179 p. Tables

UNIDO-UNIDO/IO/R 169

<UNIDO pub> <Final report> on the feasibility of
producing <newsprint> from <bagasse> in <Cuba> - covers
(1) project background and history (2) newsprint in the
<world market>, production and <consumption>, newsprint
<demand> and <supply> 1980-1995, <forecast>s (3) potential
<market> for Cuban newsprint based on bagasse, <prices>
and <pricing> strategy (4) potential customers in <Latin
America> and in <Eastern Europe> (5) national <cost-
benefit analysis>, <economic analysis>, <financial
aspects> <Statistics> <Restricted>.

ENGL

32 10

14886

1985

UNIDO

IDB, 19TH SESSION, VIENNA, 1985
INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA. FOURTH PROGRESS
REPORT

- DECENNIE DU DEVELOPPEMENT INDUSTRIEL DE L'AFRIQUE
QUATRIEME RAPPORT INTERIMAIRE
- DECENIO DEL DESARROLLO INDUSTRIAL PARA AFRICA CUARTO
INFORME

Vienna, 1985. 27 p.

UNIDO-ID/B/330

UNIDO-ID/B/330/Corr 1

<UNIDO pub> on the <industrial development> decade for
<Africa> (IDDA), with special reference to the relevant
<role of UNIDO> and the <ECA> - covers (1) <cooperation>
between the lead agencies ECA, <OAU> and <UNIDO>; the
activities of African ministers conferences (2) major
subsectorial programmes <agro-industry>s, <leather
industry>, <textile industry>, <wood processing>,
<building materials> and <metallurgy> (3) development of
<manpower> <skills>; pre<investment> activities (5) intra-
African <trade> and industrial cooperation; <ECDC>.

ARAB CHIN ENGL FREN RUSS SPAN

14.60

14887

1985

UNIDO

UNIDO/ESCAP WORKSHOP ON ACCELERATING GROWTH THROUGH CO-
OPERATION IN SELECTED INDUSTRIAL SECTORS IN THE DEVELOPING
COUNTRIES OF THE ESCAP REGION, BANGKOK, 1985.
INDUSTRIAL PROGRESS OF SELECTED SECTORS IN THE DEVELOPING
ESCAP REGION FINAL REPORT

Vienna, 1985. 40 p.

UNIDO-UNIDO/IS 543

<UNIDO pub> <Report> of a <meeting> on promoting
<industrial growth> through <TCDC> in the <ESCAP> region -
covers (1) meeting background; issues involved (2)
summarizes discussions with regard to <cooperation> in the
sectors of <capital goods>, <iron and steel industry>,
<petrochemical industry>, <chemical industry> and <wood
processing> Conclusions and <recommendations>, <list of
participants>, <list of documents>.

ENGL

15.20

14888

1985

UNIDO

REGIONAL FORUM ON PESTICIDE TOXICOLOGY, MANILA, 1985
REGIONAL FORUM ON PESTICIDE TOXICOLOGY (ASIA AND THE PACIFIC).
TECHNICAL REPORT.

DP/RAS/82/006

Vienna, 1985. 27 p.

UNIDO-DP/ID/SER.A/622

<UNIDO pub>. <Report> on a <meeting> regarding
<pesticides> in the <ESCAP> region (reference: <toxicity>)
- covers (1) background of the regional forum (2) use of
toxicological data for registration of pesticides in order
to reduce hazards to the <environment> and <health>;
issues of <product safety> (3) <classification> of
pesticides by hazard; types of toxicity; <data
collecting>, <labelling>; <educational aspects>.
<Recommendations>, <agenda>, <list of participants>
Additional reference: <agricultural extension>.

ENGL

35 40

14889

1985

Green, J. A.

UNIDO

BANGLADESH. APPLICATION OF BIOTECHNOLOGY TO THE SOFTENING OF
JUTE CUTTINGS (NO. 2) TECHNICAL REPORT

DP/BGD/75/013

Vienna, 1985. 15 p.

UNIDO-DP/ID/SER.A/625

<UNIDO pub> <Expert report> on the application of
<biotechnology> for softening <jute> cuttings in
<Bangladesh> - (1) covers <research and development> work
in areas of <microbiology> conducted at the Bangladesh
jute <research centre> (2) reviews activities of the
research programme <Recommendations>, <job description>
Additional references: <enzymes>, <natural fibres>

ENGL

32 30

14890

1984

Steen, Hans

UNIDO

(R) CHINA TECHNICAL REPORT MANAGEMENT SEMINAR IN LEATHER
GOODS MANUFACTURING

Vienna, 1984 26 p

<UNIDO pub> <Expert report> on assistance to improvement
of <leather industry> in <China> - covers (1) <seminar> at
<research centre> on <leather goods> production and
relating to <marketing> techniques, <machinery>,
<planning>, <organizational aspects>, <quality control>,
design, <costs>, (2) <management development> through
<training> sessions (3) visits to <factory>s: need for
purchasing <second hand equipment> including <knowhow> (4)
availability of <hides and skins> <Recommendations>.
<Restricted>

ENGL

32 40

14891

1985

Boon, Jean-Albert

UNIDO

(R) ZAIRE ZONE FRANCHE D'INGA PROJET D'AMMONIAQUE PROMU PAR
LA SOCIETE CANADIENNE ELECTRO FERTILIZER INTERNATIONAL
CORPORATION (TORONTO) RAPPORT

DP/ZA1/81/015

Vienna, 1985 107 p

<UNIDO pub> <Expert report> on a project for <ammonia>
dioxide manufacture for <fertilizer industry> in <Zaire> -
covers (1) negotiations for a <contract> with a fertilizer
enterprise in <Canada> regarding details of feasibility
study, <fiscal policy>, <monopoly> status, <location of
industry>, <source of funds>, <amortization>,
<infrastructure> (2) text of agreement establishing the
<factory> in the <free zone> of Inga and regulating
<capital investments>, <financial aspects>,
<administrative aspects>, <legal aspects>, <budget>
regulations text of agreement with <banks> regarding
<investment returns> <accounting> procedures <Restricted>.

FREN

35 40

14892

1985

Leibig, W.

UNIDO

(R) DOMINICAN REPUBLIC. ASSISTANCE FOR THE ESTABLISHMENT OF A THERMAL POWER STATION BASED ON BIOMASS. FINAL REPORT.

SI/DOM/84/802

Vienna, 1985. 18 p.

....

<UNIDO pub>. <Final report> on assistance in establishment of a thermal <power supply> station based on <biomass> in <Dominican Republic> - covers (1) <project evaluation> for the upgrading of a <sugar> refinery involving reduction of high pressure <steam> needed for its operation while increasing its <electric power> production utilizing alternatively <coal>, <agricultural wastes> and <pulp> (2) need for cooperation between State-run <sugar industry> and national <electrical industry> <Recommendations> Additional reference: <bagasse> <Restricted>

SPAN

35.50

14893

1985

Abida, T.

Boon, Jean-Albert

Kolberg, J.

Kurowski, Lech

UNIDO

(R) TOGO. SEMINAIRE DE FORMATION SUR LA PREPARATION.

L' EVALUATION. LE FINANCEMENT ET LA REALISATION DE PROJETS INDUSTRIELS

UC/TOG/83/228

Vienna, 1985. 39 p., tables

....

<UNIDO pub>. <Report> on a <seminar> on <industrial project> evaluation and implementation in <Togo> - covers (1) discussion of <market> possibilities, technical and <legal aspects>, <financial aspects>, <economic aspects> of <feasibility study>s regarding four projects <food> processing (based on edible roots), <composting> from <urban wastes>, <pharmaceuticals> production from <chemicals> and from <medicinal plants>, <electrical appliances> (2) conclusions, <project evaluation>, <costs> of <project implementation>, <List of participants>, <statistics>. <Restricted>

FREN

14.80

14894

1985

Delavier, H J

UNIDO

(R) EGYPT CANE SUGAR INDUSTRY RESEARCH AND TRAINING

TECHNICAL REPORT

DP/EGY/81/010

Vienna, 1985 22 p diagrams

UNIDO-DP/ID/SER A/642

<UNIDO pub> <Expert report> on establishment of an experimental <cane sugar> <pilot plant> in <Egypt> (reference <food technology>) - covers: <training> in <sugar> <technology>, <research and development>; <equipment>, <machinery>; <process control>; <location of industry>; <sugar industry> <information centre>; <Bibliography>, <job description>, <Restricted>.

ENGL

3' 50

14895

1985

UNIDO

(R) TRAINING MANUAL FOR USE IN PROGRAMMES RELATED TO

MANAGEMENT DEVELOPMENT OF SMALL-SCALE INDUSTRY IN DEVELOPING COUNTRIES.

Vienna, 1985

UNIDO-UNIDO/IO/R 170

<UNIDO pub> <Handbook> for use in programmes related to <management development> for <small scale industry> in <developing countries> - covers (1) <training> manual; <industrial extension>, <entrepreneurship>; diagnosis of business problems, corrective action (2) <management> <consulting> <marketing>, relations with <staff>; <profitability> factors, <data recording>; <production control>, <management information systems>, <quality control>, <costs control> Additional reference <factory organization> <Restricted>

ENGL

12 40

14896

1985

UNIDO

DISCUSSIONS WITH THE NATIONAL COMMITTEES FOR UNIDO, 4TH ROUND,
VIENNA, 1985

REPORT (DISCUSSIONS WITH THE NATIONAL COMMITTEES FOR UNIDO)

- RAPPORT (CONSULTATIONS AVEC LES COMITES NATIONAUX POUR
L'ONUDI)

Vienna, 1985 14 p

UNIDO-UNIDO/CPE.12

<UNIDO pub> <Report> of a <meeting> with representatives
of <UNIDO national committee>s - covers (1) structure and
functions of such committees (2) activities of committees
participating in the discussions (3) proposals for future
activities supporting the work of <UNIDO>, especially in
areas of <technical assistance>. <List of participants>.

ENGL FREN

70.10

14897

1985

Basman, Mehmet A.

UNIDO

(R) SAO TOME ET PRINCIPE ETUDE SUR LES POSSIBILITES DE
FABRICATION LOCALE DES MATERIAUX DE CONSTRUCTION

RP/STP/84/002

Vienna, 1985 17 p

UNIDO-UNIDO/IO/R.171

<UNIDO pub> <Expert report> on the possibility of
promoting <domestic production> of <building materials> in
<Sao Tome and Principe> - covers (1) <economic conditions>
in the country (2) role and <development potential> of
<construction industry> (3) present <import> and potential
<import substitution> of main materials (4) modes of
<housing> construction (5) natural resources usable for
producing building materials <Recommendations>
Additional references <lime>, <bricks>, <sand>, <prices>.
<Restricted>.

FREN

33 20

14898

1985

UNIDO

MEETING OF THE AD HOC PANEL OF EXPERTS ON CONTRACTUAL
ARRANGEMENTS IN THE PHARMACEUTICAL INDUSTRY. 3RD. VIENNA,
1985

DRAFT REPORT (PANEL ON CONTRACTUAL ARRANGEMENTS IN THE
PHARMACEUTICAL INDUSTRY)

Vienna, 1985 12 p

UNIDO-UNIDO/PC 119

<UNIDO pub> <Report> of a <meeting> on <contract>s in the
<pharmaceutical industry> -covers (1) meeting background
(2) discussion of clauses which might be incorporated in
contractual arrangements for (a) <technology transfer> for
manufacture of bulk drugs and <intermediates> (b)
<licensing> for formulation of dosage forms of
<pharmaceuticals> (c) bulk drug <factory establishment>.
<Recommendations>, <list of participants>, <list of
documents>

ENGL

35 60

14899

1985

Meredith, John G

UNIDO

THAILAND MARKETING OF PHARMACEUTICALS DERIVED FROM PLANTS
AND ESSENTIAL OILS TECHNICAL REPORT.

DP/THA/82/006

Vienna, 1985 32 p diagrams, graphs, map

UNIDO-DP/ID/SER A/623

<UNIDO pub> <Expert report> on exploitation and potential
marketing of <pharmaceuticals> (based on <medicinal
plants>) and of <essential oils> in <Thailand> - covers
(1) <research and development>, <commercialization> and
<marketing>, <choice of products> (2) <costs> profiles for
garlic natura, ptygesal, papain, ocimum basilicum and
senna <Statistics>, <maps>

ENGL

35 60

14900

1985

Sigurdson, Jon

UNIDO

(R) ROLE OF NATIONAL PLANNING IN SCIENCE AND TECHNOLOGY.

MEANS FOR CHANGING THE TECHNOLOGICAL DOMINANCE OF INDUSTRIAL COUNTRIES. COMMENTS ON EXPERIENCES IN SELECTED COUNTRIES.

Vienna, 1985. iv, 20 p. tables

UNIDO-UNIDO/IS 553

<UNIDO pub> on the role of <national planning> in <developing countries>, with special reference to <technology policy> - covers (1) characteristics of <technological change>; the role of technology at various levels (2) experience of <developed countries>; the role of <research centre>s (3) planning for <science> and <technology> at the <national level> in <Ethiopia>, <China>, <Vietnam> and <Korea R>. Conclusions.

ENGL

14.60

14901

1985

UNIDO

SOLIDARITY MINISTERIAL MEETING FOR CO-OPERATION IN THE INDUSTRIAL DEVELOPMENT OF THE YEMEN ARAB REPUBLIC, SANA'A, 1984.

REPORT. (MEETING FOR CO-OPERATION IN THE INDUSTRIAL DEVELOPMENT OF THE YEMEN ARAB REPUBLIC).

Vienna, 1985. 68 p.

UNIDO-UNIDO/PC.118

<UNIDO pub>. <Report> of a <meeting> for promotion of <industrial development> in <Yemen> Arab Republic, with special reference to <TCDC> - covers (1) the Yemen <development policy> (2) <organizational aspects> of the meeting (3) summary statements relating to technical <cooperation> of <developing countries>, combatting <poverty>, the advancement of industrial development (4) <bilateral> discussions regarding proposed <industrial projects> held between officials of Yemen and representatives of various developing countries. Conclusions, <list of participants> Additional references: <project selection>, <financing>.

ENGL

14.80

14902

1985

Meier, G.

UNIDO

INDIA. TECHNICAL REPORT: PROVIDING TECHNICAL ADVICE ON YARN DYEING IN THE PILOT DYEHOUSE AT THE KNITWEAR FACILITY.

DP/IND/82/006

Vienna, 1985. 27 p.

UNIDO-DP/ID/SER A/615

<UNIDO pub>. <Expert report> on assistance regarding <yarns> <dyeing> at a <knitting> plant in <India> - covers (1) <choice of technology>; reduction of <costs> in dyeing through improved practices (2) dyeing of <wool> in packages; <cotton> dyeing and dyeing of <polyester>-cotton blends (3) labour saving; <quality control>; <training>. <Recommendations>. Additional reference: <textile finishing>.

ENGL

32.30

14903

1985

Gibson, Laurence J.

UNIDO

SYRIA. TECHNICAL REPORT: ASSISTANCE TO COTTON YARN SPINNING MILLS.

SI/SYR/84/801

Vienna, 1985. 44 p. tables, graphs.

UNIDO-DP/ID/SER A/618

<UNIDO pub>. <Expert report> on assistance to <cotton> <yarns> <spinning> mills in <Syria> - covers yarn <specifications>, yarn <handling>; <factory> operation; <quality control>; carding, combing and winding. <Statistics>, project findings and <recommendations>, <bibliography>. Appends background information and work programme.

ENGL

32.30

14904

1985

Manck, Otto

UNIDO

(R) REPORT OF THE VISIT ON MICROELECTRONICS IN ARAB COUNTRIES.
Vienna, 1985. 20 p.

<UNIDO pub>. <Expert report> on the state of
<microelectronics> in <Egypt>, <Tunisia>, <Algeria> and
<Syria> - covers (1) the present situation regarding
universities, <research centres> and industrial companies
(2) standard chips production and application (3)
<equipment> and <training> at the universities (4)
<computer> and <computer programmes> needs (5) the special
problems of the countries visited. <Recommendations>.
Additional references <electronic data processing>,
<informatics>, <information technology>, <industry and
higher education> <Restricted>.

ENGL

38.10

14905

1985

Irwin, Robert S.

UNIDO

(R) INDIA. DEVELOPMENT OF RESINS FOR REINFORCED COMPOSITES.
FINAL REPORT.

DP/IND/81/003

Vienna, 1985. 24 p., tables

<UNIDO pub> <Expert report> on assistance in development
of <resins> for reinforced <synthetic fibres> in <India>
(reference <new materials>) - covers (1) lectures held at
<technological institute>s on high-temperature and
crosslinked polymers; properties and technology of
bismaleimides, characteristics in relation to
<temperature> (2) evaluation of bisitaconimides <research>
and on incorporation of <mica> fiber in domestically
manufactured <polypropylene>. <Recommendations>.
<Restricted>

ENGL

32.30

14906

1985

Lassort, J.

UNIDO

(R) CAMEROON. RENFORCEMENT DE L'ATELIER DE BASSA. ASSISTANCE
AU CAPME. RAPPORT FINAL

DP/CMR/79/012

Vienna, 1985. 62 p tables

<UNIDO pub>. <Final report> on <training assistance> to a
centre promoting <small scale industry> in <Cameroon> -
covers (1) survey of <technical personnel> of a
<development centre> (C A P M E.) with respect to age,
education, professional experience; proposals for
<training abroad>, <fellowships> (2) description of
proposed <training> covering <industrial promotion>
<import substitution>, <market> studies, <feasibility
study>s, <entrepreneurship> (3) examples of training
programmes in <informatics>, <management development>,
<project evaluation>, financial analysis, <banks>,
<investment>s. <Restricted>.

FREN

21.40

14907

1985

Mayer, Wolfgang Ernst

UNIDO

CONSULTATION ON THE CAPITAL GOODS INDUSTRY WITH SPECIAL
EMPHASIS ON ENERGY-RELATED TECHNOLOGY AND EQUIPMENT. 2ND.
STOCKHOLM, 1985

THE ROLE OF ENGINEERING AND CONSULTANCY SERVICES IN THE
TECHNOLOGY UNPACKAGING OF ELECTRIC POWER PROJECTS IN
DEVELOPING COUNTRIES

Vienna, 1985. 22 p diagrams, graphs.

<UNIDO pub> <Expert report> on <technology transfer> for
<electric power station>s in <developing countries> -
covers (1) construction stages of a power generating
plant, types of plants (2) advantages of <engineering
design> <contract>s; role of <consultant>; guidelines for
the preparation of contracts (3) <project implementation>
and <quality control>; <training> in <maintenance and
repair> for indigenous <engineers>. <Diagram>s, graphs.

ENGL

34.20

14908

1985

McGaw, D.R.

UNIDO

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

DESIGN OF THE JAMAICA BAUXITE INSTITUTE BAYER PROCESS PILOT PLANT.

Vienna, 1985. 23 p. tables, diagrams.

UNIDO-ID/WG.446/3

<UNIDO pub>. <Expert report> on design of a <bauxite> processing <pilot plant> in <Jamaica> - covers (1) <ore processing> description and <flow chart>, mass and <heating> balances, <equipment> <specifications>, <measuring instruments> (2) <building design> and <utilities> (<electric power>, <water>, compressed air, <steam>); <factory layout>. Chemical analysis of <ores>. Process <statistics>, diagrams.

ENGL

36.20

14909

1985

Hill, V.G.

Ostojic, S.

UNIDO

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

A TECHNO-ECONOMIC BAUXITE CLASSIFICATION SCHEME AND ITS IMPLICATIONS.

Vienna, 1985. 25 p. tables, diagrams.

UNIDO-ID/WG.446/1

<UNIDO pub> on a <bauxite> <classification> scheme - (1) reviews a bauxite classification scheme and examines its implications for the relative valuation of bauxite from different areas (2) indicates its bearing on the prognosis for preferred development and exploitation rates of deposits (3) covers <research and development> needs of some <developing countries>; <economic aspects> Tables, <diagrams>, <bibliography>. Additional references karstic and lateritic bauxites, <alumina>, <aluminium>, <competitiveness>.

ENGL

14910

1985

Chandler J.L.

UNIDO

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

SYSTEMS FOR THE MANAGEMENT OF RED MUD

Vienna, 1985 7 p diagrams

UNIDO-ID/WG 446/2

<UNIDO pub> on red mud <waste disposal> problems in
<alumina> production - covers need for disposal; various
methods currently being used, dewatering the mud slurry;
choice of separation process, disposal methods being used
in <Jamaica> <Diagram>s Additional references <waste
utilization>, <pollution control>

ENGL

36 20

14911

1985

Lopez, Frank A

UNIDO

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

CRITICAL PARAMETERS AFFECTING THE MANAGEMENT AND ECONOMICS OF
ALUMINA PRODUCTION

Vienna 1985 10 p tables

UNIDO-ID/WG 446/4

<UNIDO pub> on <management> and <economic aspects> of
<alumina> production - covers (1) problem and challenge of
<production costs> (2) reasons for differing <costs>
<capital investment>, <bauxite> costs, <energy economics>,
<labour costs>, <caustic soda> (3) alumina <factory>
management Tables Additional references <planning>,
<energy saving>, <choice of technology>

ENGL

36 20

14912

1985

Zambo, Janoa

UNIDO

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

DEVELOPMENT TRENDS IN ALUMINA PRODUCTION.

Vienna, 1985. 27 p. graphs, diagrams.

UNIDO-ID/WG 446/6

<UNIDO pub> on development <trend>s in <alumina>
production - covers (1) <excess capacity>s and their
<economic implications> (2) <choice of technology>;
optimum conditions of precipitation; developments in
digestion (3) main tasks in providing technical
improvements; directions of <research and development>.
<Statistica>, <diagram>a, <bibliography>.

ENGL

36.20

14913

1985

Guozhang, Rui

UNIDO

CHINA, MINISTRY OF WATER CONSERVATION

CHINESE EXPERIENCES IN MINI-HYDROPOWER GENERATION. SMALL
HYDROPOWER SERIES NO. 3.

Vienna, 1985. v. 122 p. tables, graph, diagrams, illus.

UNIDO-ID/SER.N/3

<UNIDO pub> on mini <hydroelectric power> generation in
<China> - covers (1) project <planning> and development;
policy guidelines (2) <economic aspects>; comparison of
alternative <energy source>s; <energy economics> (3)
exploitation and <engineering design>; <electric power
station> (4) <electrical equipment>, <turbines> (5)
<research and development>, <training>, <costs>
<Diagram>a, <statistics>, illustrations.

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UNIDO

GERMAN INSTITUTE OF ECONOMIC RESEARCH (DIW), BERLIN
INPUT-OUTPUT TABLES FOR DEVELOPING COUNTRIES. VOLUME I.
New York, UN, 1985 ix, 299 p tables

UNIDO-ID/325

UN-E 84 II.B 6

<UNIDO pub> giving <input-output table> for selected <developing countries> - 1) covers <methodology> applied, the relationship between national accounts and input-output tables, framework and main features of <input-output analysis>, concepts of compilation, valuation (2) present analytical framework and tables for <Algeria>, <Bangladesh>, <Burundi>, <Chile>, <Congo PR>, <Ghana>, <Ivory Coast>, <Kenya>, <Madagascar>, <Malta>, <Mexico>, <Papua New Guinea>, <Philippines>, <Korea R>, <Senegal>, <Sri Lanka> and <Zambia> <Bibliography> Additional references <trade>, <prices>, <interindustry relations>

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UNIDO

CONSULTATION ON THE CAPITAL GOODS INDUSTRY WITH SPECIAL
EMPHASIS ON ENERGY-RELATED TECHNOLOGY AND EQUIPMENT.
STOCKHOLM, 1985

REPORT (CONSULTATION ON CAPITAL GOODS, ESPECIALLY ENERGY-
RELATED EQUIPMENT)

- RAPPORT (CONSULTATION SUR L'INDUSTRIE DES BIENS
D'EQUIPEMENT, SPECIALEMENT SUR L'EQUIPEMENT LIE A
L'ENERGIE)

- INFORME (CONSULTA SOBRE LA INDUSTRIA DE LOS BIENES DE
CAPITAL, EQUIPE RELACIONADO CON LA ENERGIA)

Vienna, 1985 46 p

UNIDO-ID/338

<UNIDO pub> <Report> of a <meeting> on the <capital goods> sector, with special reference to manufacture of <electric power> <equipment> - covers (1) background and organization of the consultation (2) discussion of issues, namely (a) conditions of entry of <developing countries> into the capital goods sector and strategies for integrated manufacture (b) development of the <electrical equipment> sector and <technology> unpackaging <Agenda>, <list of participants>, <list of documents>, <recommendations> Additional references <technical assistance>, <role of UNIDO>

ENGL FREN RUSS SPAN

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UNIDO

POLYTECHNA, CSSR

(R) UGANDA. MANUFACTURE OF FARM TOOLS, IMPLEMENTS AND MACHINERY. TENDER DOCUMENTS.

DP/UGA/80/014

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

....

<UNIDO pub>. Tender documents regarding a project for rehabilitation and upgrading of an <agricultural equipment> factory at Soroti, <Uganda> - covers (1) <equipment> and <machinery> requirements and <specifications> (2) terms of reference for <subcontracting> (3) <factory organization>, <factory layout>. <Diagram>s, <map>s. <Restricted>.

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OUTOKUMPU OY, FINLAND

(R) INDIA. INVESTIGATIONS TO PRODUCE ELEMENTAL SULPHUR FROM AMJHORE PYRITE DEPOSIT. STUDY PHASE II.

DP/IND/81/018

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

....

<UNIDO pub>. <Final report> on possibilities of producing elemental <sulphur> from the pyrite deposit Amjhore, <India> - covers: basic data; <choice of technology>; process design; <economic aspects>; <site assessment> for <factory>; <raw material>s; <utilities>, <power plant>, <equipment> requirements; estimates of <capital costs>, <production costs> and <profitability>. <Diagram>s, <flow chart>s. Additional references: <sulphuric acid>, <mining>, <grinding>, <smelting>. <Restricted>

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Noe, Christian R.

UNIDO

(R) IRAN PHARMACEUTICAL CHEMICALS MULTI-PURPOSE PILOT PLANT.
TRANSFER OF TECHNOLOGY. FINAL REPORT.

DP/IRA/83/014

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

<UNIDO pub>. <Final report> on assistance relating to <technology transfer> for a multipurpose pilot plant for producing <pharmaceuticals> - covers (1) <choice of technology>s for the <pilot plant>; analysis of <patents>; processes for production of selected <chemicals> (2) company offers; <economic analysis> of products; <equipment>; technology versus equipment assessment (3) <pollution control>. <effluent treatment>; <industrial safety> <Recommendations>. <diagram>s, patent abstracts, <statistics>. <Restricted>.

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UNIDO

ENGINEERING CONSULTING FIRMS ASSOCIATION, JAPAN

(R) JAPAN. ON-THE-JOB ORIENTATION PROGRAMME FOR INVESTMENT
PROMOTION OFFICIALS FROM DEVELOPING COUNTRIES. FINAL REPORT.

US/GLO/83/108

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

<UNIDO pub>. <Final report> regarding <training programmes> in <Japan> held for <investment promotion> officials from <developing countries> - covers (1) project outline (2) investment promotion activities relating to <China>, <Indonesia> and <Mexico> (3) informative activities, consultants' observations, conclusions, contact reports. Additional references: <project selection>. <project evaluation> <Restricted>.

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Follosco, Cafarino L.

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(R) NEPAL. STRENGTHENING THE PRODUCTION CAPACITY OF THE
AGRICULTURAL TOOLS FACTORY. TERMINAL REPORT.

SI/NEP/83/801

Vienna, 1985. 143 p. tables, diagrams, map.

UNIDO-DP/ID/SER.B/509

<UNIDO pub>. <Final report> on assistance to an
<agricultural equipment> factory in <Nepal> - covers (1)
project objectives (2) <marketing>; <market> research;
<pricing>; system of <incentives>; <organizational
aspects>; <budgeting> and <forecast> (3) <engineering>;
<production control>; <workers> (4) <financial aspects>;
<profitability>; <working capital>; <costing> (5)
<administrative aspects> (6) <product development>;
<management>; <productivity> (7) <government policy>.
Appendix <project document>. <Statistics>. Additional
references <hand tools>, <agricultural machinery>.
<Restricted>.

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Resende, Roberto

UNIDO

HIGH-LEVEL INTERGOVERNMENTAL MEETING ON COOPERATION AMONG
DEVELOPING COUNTRIES IN THE FIELD OF AGRO-INDUSTRY
DEVELOPMENT, BRASILIA, 1985.

CURRENT SITUATION OF AGRO-INDUSTRY DEVELOPMENT AND
IDENTIFICATION OF COOPERATION AREAS IN SOME SELECTED LATIN
AMERICAN COUNTRIES.

Vienna, 1985. 95 p.

UNIDO-UNIDO/PC.120

<UNIDO pub>. <Expert report> on <agro-industry>
development and relevant <cooperation> possibilities in
<Latin America> - covers (1) <planning> and <evaluation>
of agro-industrial projects (2) integrated <food>-bio
<energy> production (3) production of <biogas>; <alcohol>;
<cassava> and <yams> (4) farm implements and <equipment>
(5) <agri-product processing>; <fruit>, <tomatoes>;
<flour> (6) <fishery product processing> (7) animal
<feed>s (8) food <packaging> (9) country reports on
<Brazil>, <Colombia>, <El Salvador>, <Guyana>, <Peru> and
<Trinidad and Tobago>.

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Mosinski Stefan

UNIDO

PESTICIDES DEVELOPMENT PROGRAMME IN INDIA TECHNICAL REPORT.
FINDINGS AND RECOMMENDATIONS

DP IND/80/037

vienna 1985 144 p tables, diagrams

UNIDO-DP:ID/SER A/624

·UNIDO pub: <Expert report> on assistance to a
·pesticides> formulation programme in <India> - covers (1)
the pesticide industry (2) production of pesticide
formulations <standards> for technical grade pesticides
(TGP) and pesticide formulations (PFs). <quality control>
of PFs. quality of <raw material> of PFs (3) <research and
development> Indian <research centre>s (4) activities of
the Pesticide Development Programme India (PDPI) (5)
·employment> and <equipment> in PDPI centre (6)
·environmental protection <Recommendations> Appends
description of <testing> methods <training programmes>.
·list of documents> <Bibliography> <Statistics>
Additional references <insecticides>. <laboratory>

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Dhall V K

UNIDO

MECHANISMS FOR SMALL SCALE INDUSTRY DEVELOPMENT.

ANCILLARIZATION DEVELOPMENT OF FEEDER INDUSTRIES.

vienna 1985 37 p

UNIDO-UNIDO/IS 551

·UNIDO pub: on promotion of <small scale industry> through
ancillarization (<subcontracting>). based on experience in
<India> - covers (1) the role of small scale industries in
the <industrial growth> of <developing countries> (2)
·definition> of ancillarization as a continuing and
formalized relationship between parent and ancillary unit,
the latter acting as supplier of products and services for
larger unit (3) major constraints (4) <administrative
aspects> (5) prospects for ancillarization in the DCs of
·Asia> and <ESCAP> region relevant <industrial policy>s
Annexes list of items suitable for ancillary production:
heavy <electrical equipment>. <bicycles>.
·petrochemicals>. <steel> plant, etc

ENGL

21 40

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1985

Winkler, Lothar

UNIDO

(R) REPUBLIC OF KOREA. ENVIRONMENT PROTECTION AND WASTE WATER TREATMENT AT KIMM, KOREA INSTITUTE OF MACHINERY AND METALS. DP/ROK/82/030

Vienna, 1985. 71 p. tables, diagrams.

::::

<UNIDO pub>. <Expert report> on assistance to a <metal products> <development centre> in <Korea R>, with special reference to waste <water treatment> and <pollution control> - covers (1) facilities and <equipment>; <organizational aspects> (2) <staff> capabilities and <training> (3) <research programmes> and <consulting> activities (4) the <plating> production in relation to the annual amount of waste water and its load (5) <seminars> and field visits. <Recommendations>. Process <statistics>. Additional references: <chemical analysis>. <mathematical analysis>. <Restricted>.

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Rastogi, Lakshmi N.

UNIDO

(R) DATA NEEDS FOR STUDY OF STRUCTURAL CHANGES IN THE MANUFACTURING SECTOR.

Vienna, 1985. 60 p. tables.

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<UNIDO pub>. <Expert report> on data needs for a study of <structural change>s in the <manufacturing> sector of <developing countries> - covers requirements of <data collecting> regarding (1) labour services at constant <prices> (2) gross output at constant prices (3) <value added>-gross output ratio (4) gross fixed <capital formation> at constant prices (5) stock of fixed assets and <capital goods> at constant prices. <Statistics>. Additional reference: <labour costs>. <Restricted>.

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Worth, D.

UNIDO

(R) SRI LANKA FOUNDRY TECHNOLOGY. TECHNICAL REPORT.

DP/SRL/82/003

Vienna, 1985. 93 p. tables, graphs, diagrams

<UNIDO pub> <Expert report> on assistance to <foundry> industry in <Sri Lanka> - covers (1) technical background of the industry; study of foundries (2) required <training assistance> for the foundry industry and for the Sri Lanka <standards institute> (3) areas for <standardization>; <standards> needed for <casting>s, for <testing> of cast <metals>; related <equipment>, <Recommendations>, <job description>, <bibliography>, <diagram>s. <Restricted>.

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UNIDO

INVESTMENT PROMOTION INFORMATION SYSTEM (INPRIS).

- LE SYSTEME D'INFORMATION POUR LA PROMOTION DES

INVESTISSEMENTS (INPRIS).

Vienna, 1985. 11 p. diagram.

UNIDO-PI/95

<UNIDO pub> describing the <UNIDO> <investment promotion> <information system> (INPRIS) - covers (1) <industrial project> file, <investor> file, <banks> file, <institution> file, <sponsor> file, <country> <investment> profiles (2) a note on how to use INPRIS. <Flow chart>.

ENGL FREN SPAN

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Bhaduri, Amit
Evans, Peter B.
Nugent, Jeffrey
Stauffer, Thomas R.
UNIDO

INDUSTRY AND DEVELOPMENT. NO. 14.
New York, UN, 1985. 145 p. tablas.
UNIDO-ID/SER.M/14
UN-E.85.II.B.3

<UNIDO pub> containing articles on (1) <energy> intensive
<industrialization> in the <Middle East> (2) <financing>
for <North-South> and for <South-South> <trade> (3)
<trands in <USA> <steel>, <electronics industry> and
<petrochemical industry> and their possible implications
for industrialization in <Latin America> (4) the potential
for South-South trade in <capital goods> industries.
<Statistics>, <bibliography>.

ENGL

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1985

Guozhang, Rui
UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS.
VIENNA, 1985
THE DEMAND AND TRENDS OF INDUSTRIAL AND TECHNICAL INFORMATION
IN CHINA.

Vienna, 1985. 21 p.
UNIDO-ID/WG.450/3

<UNIDO pub> on <industrial information> in <China> -
covers (1) <demand> for industrial and <technical
information>, particularly for <manager>s and <decision
making> (2) information needs of coastal <urban area>s
(open cities), large <factory>s and <small scale industry>
(3) information needs of <rural industry> (4) new forms of
<information service>s and dissemination; <technology
transfer>; <consulting>. Additional references: <INTIB>.
<information processing>.

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Alvaraz-Ossorio, J. R. P.

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS.
VIENNA, 1985

ALTERNATIVE OPTIONS FOR INFORMATION TRANSFER TO INDUSTRY.

Vienna, 1985. 22 p. diagrams

UNIDO-ID/WG.450/7

<UNIDO pub> on options for <information service>s to <industrial enterprise>s - covers (1) the process of transferring <technical information> (2) medium and <small scale industry> as information users (3) information services through "liaison officers". <industrial extension> (4) <documentation> services to industry; <electronic data processing> and <information systems>. (5) information services within firms (6) the <role of UNIDO> and <INTIB>; <consulting>. <training assistance>. <Diagram>s.

ENGL

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Patil, S. M.

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS.
VIENNA, 1985

DEMAND AND TRENDS OF INDUSTRIAL AND TECHNOLOGICAL INFORMATION
IN DEVELOPED AND DEVELOPING COUNTRIES.

Vienna, 1985. 45 p. diagrams

UNIDO-ID/WG.450/4

<UNIDO pub> on <demand> for and <trend>s of <industrial information> in <developed countries> and <developing countries> - covers (1) information for <industrial development> (2) worldwide <information technology> and <telecommunications industry> (3) <technical information> needs of an <industrial enterprise> (4) current <information systems> in DCs (5) growth of information technology in <India> (6) developing <national level> and <global level> systems for DCs. <Diagram>s. Additional reference <INTIB>.

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Abdel-Rahman, I.H.

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS,
VIENNA, 1985

LINKING ULTIMATE USERS OF INDUSTRIAL INFORMATION TO SOURCES
OF SUPPLY.

Vienna, 1985. 4 p.

UNIDO-ID/WG.450/1

<UNIDO pub> on linking users of <industrial information>
with information sources - covers (1) the problem of
promoting demand and effective use of <information
service>s in the <developing countries>; the need for
intermediaries able to obtain and pass on appropriate
<technical information> (2) examples of information
<demand> and the supply process at various levels (3)
design of technological <information systems>; the role of
international organizations.

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Janszky, Lajos

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS,
VIENNA, 1985

ALTERNATIVE MEANS OF INFORMATION DISSEMINATION

Vienna, 1985. 18 p.

UNIDO-ID/WG.450/9

<UNIDO pub> on industrial <information service>s, based on
experience in <Hungary> - covers (1) user problems (2)
referral services; current awareness services. <industrial
inquiry service>s; <industrial extension> services.
<technical information> profiles (3) obstacles to
dissemination and use of <industrial information> (4)
ideas about relevant <training> and <education>
<Bibliography>.

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Ngaiza, E.M.
Senyagwa, A.H.

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS,
VIENNA, 1985

ANALYSIS OF DIFFERENT CATEGORIES OF INDUSTRIAL AND
TECHNOLOGICAL INFORMATION USERS' NEEDS AS WELL AS SECTORAL
INFORMATION NEEDS. (AGRICULTURE, FOOD PROCESSING SECTORS).

Vienna, 1985. 36 p. tables.

UNIDO-ID/WG 450/12

<UNIDO pub> analysing needs for <industrial information>, with special reference to <agricultural machinery> and <food industry> - covers (1) industrial and <technical information> required in <developing countries>; review of relevant <documentation>; categories of users' needs (2) <case study> of <information service> and users in <Tanzania>, <institutional framework>, <Statistics>, <bibliography>.

ENGL

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1985

Wysocki, Adam

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS,
VIENNA, 1985

INTIB FUTURE WORK - A NEED FOR AN INTERNATIONAL INDUSTRIAL
INFORMATION PROGRAMME.

Vienna, 1985. 18 p.

UNIDO-ID/WG 450/14

<UNIDO pub> on setting up an international <industrial information> programme, with special reference to <INTIB> - covers (1) background and <definition>s; the world-wide context of <economic development> (2) INTIB: the <role of UNIDO> (3) new <information technology> (4) information and <technology transfer> (5) proposals for the future work of INTIB: INTIB as a network; <information service>s; <information exchange>. <Bibliography>.

ENGL

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1985

Mareš, A.R.

UNIDO

(R) ASSISTANCE TO THE LIBYAN CEMENT FACTORY, BENGHAZI.
PROGRESS OF PROJECTS.

TF/LIB/82/002

Vienna, 1985. 28 p. tables.

UNIDO-UNIDO/IO/R.150

<UNIDO pub> <Expert report> on progress of <cement industry> projects in <Libya> - covers (1) status of three <cement> <factory>s; <technical assistance> teams (2) selection of new candidates for courses at a special <training centre> for cement and <building materials> (3) a <seminar> on <energy saving> in the cement and <lime> industries. <Recommendations>, <statistics>, <list of documents>. <Restricted>.

ENGL

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1985

Knížek, Ian

UNIDO

(R) SRI LANKA. DEVELOPMENT OF GLAZES AND COLOURS TECHNICAL REPORT.

US/SRI/78/207

Vienna, 1985. 1v. 23 p.

UNIDO-UNIDO/IO/R.175

<UNIDO pub> <Expert report> on assistance to a <ceramics> <laboratory> in <Sri Lanka>, with special reference to <glazing> - covers (1) glazes and bodies at the Ceylon Ceramics Corporation; glaze problems; the <lead> release problem; improved formulations (2) the use of eutectic fluxes in earthenware bodies (3) glaze stains (4) <handicraft> pottaries; art glazes formulation. <Recommendations>. Additional references: <pigments>, <zirconium>, <equipment>. <Restricted>.

ENGL

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14938

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Ela Evina, Ernest Roland

UNIDO

(R) CAMEROUN LA PLACE DES ATELIERS POLYVALENTS DANS
L'INDUSTRIALISATION DU MACHINISME AGRICOLE DANS LES PAYS EN
DEVELOPPEMENT
Vienna, 1985 13 p

<UNIDO pub> <Expert report> regarding the establishment of multipurpose <workshop>s for <agricultural machinery> in <developing countries> (based on experience in <Cameroon>) - covers (1) the need for <agricultural mechanization> in DCs, implementing <domestic production> on the <local level> through multipurpose workshops (2) <appropriate technology> and <equipment> required (3) construction of workshops in <rural areas>, relevant <skills>, <training> for <technicians> (4) <development potential> Additional references <small scale industry>, <maintenance and repair> <Restricted>.

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14939

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UNIDO

TRADA, United Kingdom

(R) HONDURAS DEVELOPMENT OF PREFABRICATED WOODEN BRIDGES
FINAL REPORT
- HONDURAS DESARROLLO DE PUENTES DE MADERA PREFABRICADOS
INFORME FINAL
DA/HON/81/002
Vienna, 1985 15 p

<UNIDO pub> <Final report> regarding development of <wood>en <bridges> in <Honduras> - covers (1) background and specific objectives of a relevant project (2) need for such bridges for improvement of <road transport> (3) <engineering design>, <wood technology>, <equipment> installed for <prefabricated building> of various types of bridges, <workshop> facilities <Recommendations> Additional reference: <timber> <Restricted>

ENGL SPAN

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Watts, Brian B.

UNIDO

PHILIPPINES. TECHNICAL REPORT: EFFICACY EVALUATION FOR THE PURPOSES OF PESTICIDE REGISTRATION.

DP/RAS/82/006

Vienna, 1985. 138 p tables.

UNIDO-DP/ID/SER A/595

<UNIDO pub>. <Expert report> on <pesticides> testing and <evaluation> in the <Philippines> (reference <product safety>) - covers (1) the evaluation of pesticides for efficacy and crop safety (2) factors in efficacy evaluation, the role of efficacy <testing> in registration; transportability of data (3) testing requirements in the Philippines; <organizational aspects>; the role of industry in efficacy testing; private testing companies; inclusion of registered pesticides in government <food> programmes. <labelling> guidelines <Statistics>. Additional references: <toxicity>. <pollution control>

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Herdmann, G

UNIDO

(R) ELECTROCHEMICAL INVESTMENT OPPORTUNITIES

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

<UNIDO pub>. <Expert report> on <investment> opportunities in the electro<chemicals> sector in <developing countries> - covers: electric arc processes; <hydrogen> and <oxygen> production by means of <water> <electrolysis>. <chlorine> and <caustic soda> production from sodium chloride or natural <salt water> and the production of chlorine from muriatic acid, the production of <hydrochloric acid> from chlorine and hydrogen; the electrolytic production of <sodium> chlorate and <potassium> chlorate and of <bleaching> chemicals; the electrolytic production of <aluminium> and of <magnesium> <Recommendations>. <diagram>s, <statistics> <Restricted>

ENGL FREN

35.30

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Rao, H S

UNIDO

THE COMMERCIALIZATION OF R&D RESULTS IN DEVELOPING COUNTRIES,
WITH SPECIAL REFERENCE TO THE DEMOCRATIC REPUBLIC OF SUDAN.

Vienna, 1985 64 p diagrams

UNIDO-UNIDO/IS 562

<UNIDO pub> on the <commercialization> of <research and development> results in <developing countries> with special reference to experience in <Sudan> - covers (1) <case study> on <appropriate technology>s as proposed by the National Council of Research of Sudan, medical <research>, <energy> research (<solar energy>, <>wind energy>, <biogas>); <bricks> making, <food technology> (2) the dynamics of technology transformation constraints, <import>ed technologies, <incentives> for <innovations>, <technology transfer>, <management technique>s; <marketing> of technology, "backward linkages" between laboratory stage and <engineering design> (3) development and motivation (4) relevant experiences in <India>, <Korea R>, <Philippines>, <China>, <Iraq> and <Japan> <Recommendations>

ENGL

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1985

Aizawa Minoru

UNIDO

TECHNICAL REPORT ANTIBIOTIC INDUSTRY IN JAPAN, HISTORY AND
DEVELOPMENT

RP/INT/84/016

Vienna, 1985 92 p tables

UNIDO-UNIDO/IO 618

<UNIDO pub> <Expert report> regarding the <antibiotics> industry in <Japan> - covers (1) the development of the industry since World War II (2) antibiotics currently <market>ed in Japan (3) the categories of Japanese producers, local <pharmaceutical industry>s, subsidiaries (<joint venture>s) and local industries other than pharmaceutical (4) the beta-lactam and the aminoglycoside families as major groups of antibiotics presently used (5) establishment of screening process for selection of <microorganisms> which may elaborate novel beta-lactam antibiotics as well as beta-lactamase inhibitors <Bibliography> Additional reference <chemical analysis>

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Vogl, Richard

UNIDO

(R) PAKISTAN. PREVENTIVE MAINTENANCE DEVELOPMENT CENTRE.

PMDC, LAHORE. TECHNICAL REPORT.

DP/PAK/83/002

Vienna, 1985. 13 p.

....

<UNIDO pub>. <Expert report> on assistance to a preventive
<maintenance and repair> centre in <Pakistan> - covers
<training>; proposed <equipment>; lectures on vibration
analysis, non-destructive <testing> and on industrial
radiography. <Recommendations>. <Restricted>.

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Samochin, Y.

UNIDO

(R) PAKISTAN. PREVENTIVE MAINTENANCE DEVELOPMENT CENTRE.

PMDC, LAHORE. TECHNICAL REPORT.

DP/PAK/83/002

Vienna, 1985. 33 p. diagram

....

<UNIDO pub> <Expert report> on assistance to a preventive
<maintenance and repair> centre in <Pakistan> - covers (1)
<training programmes> for <skilled workers> (2)
establishment of a safety <laboratory>; <equipment>,
relevant <regulations> (3) safety in <chemical industry>;
<toxicity>, <temperature>, <corrosion>, pressure
<testing>, <instruments>, <tools>, <machinery>; plant
inspection. <Job description>, <recommendations>.
Additional reference: <industrial safety>. <Restricted>.

ENGL

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1985

Domony, A.

UNIDO

GUIDELINES FOR PROCESSING ALUMINIUM SEMI-FABRICATED PRODUCTS.

Vienna, 1985 157 p tables, diagrams.

UNIDO-UNIDO/IO 619

<UNIDO pub> <Expert report> on processing of <aluminium> <semimanufactured products> in <developing countries> - covers (1) the metal <supply> situation with special reference to primary aluminium output, foreign <trade> in aluminium, <models> of technical development in the semimanufacturing field (2) installation or <modernization> of <equipment> for certain production phases, especially regarding DCs (3) required <quality standards> of products with view to <technological change> and <marketing> position of end-users <Recommendations>, <factory layout>, <bibliography>s. Additional references <casting>, <rolling>, <welding>, <foundry>s, <maintenance and repair>, <workers>.

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14947

1985

Forder, Dennis

UNIDO

CHINA THE USE OF MICROCOMPUTERS IN THE FIELD OF MANAGEMENT AND PROCESS CONTROL OF CANE SUGAR FACTORIES TECHNICAL REPORT

DP/CPR/82/005

Vienna, 1985 31 p

UNIDO-DP/ID/SER A/633

<UNIDO pub>. <Expert report> on the use of micro <computer>s in <management> and <process control> in cane <sugar industry> in <China> - covers (1) project objectives (2) visit to ZINI <sugar> <factory> (3) <choice of technology> (4) <computer programmes> (5) <power supply> (6) the Guangzhou <cane sugar> <research centre> (7) the project management-implementation approach <consulting> projects, systems development projects <Recommendations>. Additional references <management information system>s, <electronic data processing>

ENGL

31 30

14948

1984

Kovalenko, L. V.

Perlov, N. I.

Romenets, V. A.

UNIDO

MANPOWER AND TRAINING REQUIREMENTS IN INDUSTRY: A METHODOLOGY WITH AN APPLICATION TO THE IRON AND STEEL INDUSTRY. SECTORAL WORKING PAPER SERIES NO. 32.

Vienna, 1984. 101 p. tables, graphs.

UNIDO-UNIDO/IS.544

<UNIDO pub>. <Methodology> for assessing <training> and <manpower needs> in industry, with special reference to <iron and steel industry> - covers (1) <labour costs> and their use for estimating <manpower> requirements (2) qualification list of personnel required for iron and steel industry in <developing countries> (3) methodology of designing manpower <training programmes> (4) <evaluation> of training methods for personnel in the industry of DCs. <Recommendations>. Appends qualification and <skills> characteristics for <workers> and <engineers> in the field of iron and steel <metallurgy>.

<Bibliography>.

ENGL

35 10

14949

1985

Rao, B. E.

UNIDO

(R) AFGHANISTAN. PHARMACEUTICAL INDUSTRY ADVISER. TERMINAL REPORT.

SI/AFG/82/803

Vienna, 1985. 103 p. tables, diagrams.

UNIDO-DP/ID/SER.B/492/Rev.1

<UNIDO pub>. <Final report> on assistance to development of <pharmaceutical industry> in <Afghanistan> - covers (1) project background (2) <training programmes> for operational <staff>; <fellowships> for <managers> (3) <equipment>, process <knowhow> (4) the Aviana Pharmaceutical Institute (5) the Aliabad Parental Fluids Centre (APFC) (6) <production capacity>; <maintenance and repair>. Appends <handbook> on <raw material>; management. <Recommendations>. Additional references. <environment>. <research centre>; <Restricted>

ENGL

35 60

14950

1985

Wajenberg, S

UNIDO

THE BRAZILIAN MICROELECTRONICS INDUSTRY AND ITS RELATIONSHIP
WITH THE COMMUNICATIONS INDUSTRY

Vienna, 1985 135 p tables, graphs, diagrams.

UNIDO-UNIDO/IS 546

<UNIDO pub> <Expert report> on <microelectronics> and
<telecommunications industry> in <Brazil> - covers (1) the
<impact> of microelectronics on communication (2) the
<demand> for <semiconductor>s; relevant <supply> of the
<market>, the semiconductor industry (3) <research and
development> in microelectronics (4) Brazilian <human
resources> (5) microelectronics <government policy> (6)
the Brazilian <electronics> market and the <world market>
for electronic products <Statistics>, <diagram>s.

ENGL

38 10

14951

1985

UNIDO

PAKISTAN INDUSTRIAL DEVELOPMENT REVIEW SERIES

Vienna, 1985 xv, 85 p tables, graphs, diagrams.

UNIDO-UNIDO/IS 535

<UNIDO pub> on <industrial development> in <Pakistan> -
covers (1) the <national economy>; the <economic
structure> (2) structure and performance of the
<manufacturing> sector, <industrial growth> and
<structural change>s of <value added>; <productivity>;
<export>s and <import>s; <investment> patterns (3)
<industrial policy>, <industrial planning>, the
<institutional framework> (4) <human resources>, <raw
material>s, <energy>, <financing>; <technical assistance>
to industry <Statistics>, <bibliography>. Additional
references <investment policy>, <credit policy>,
<technology transfer>

ENGL

'4 60

14952

1985

UNIDO

INDUSTRIAL STATISTICS FOR RESEARCH PURPOSES. METHODOLOGY
APPLIED IN COMPILING UNIDO'S INTERNATIONAL DATA ON THE
NUMBER OF EMPLOYEES, WAGES AND SALARIES, GROSS OUTPUT AND
VALUE ADDED.

Vienna, 1985. 29 p

UNIDO-UNIDO/IS 558

<UNIDO pub> on industrial <statistics> and <data
collecting> for <research> purposes - covers (1) contents
and structure of the <UNIDO> <data base> regarding the
<industrial sector>s (by country) (2) detailed procedures,
<methodology> applied in compiling international data on
the number of <workers>, <wages>, gross output and <value
added>. Additional references; <employment>,
<manufacturing>, <econometrics>, <gross domestic product>,
<size of enterprise>s.

ENGL

01.30

14953

1985

Cummings, Ronald G.

UNIDO

(R) MEXICO. USE OF PLASTICS IN AGRICULTURE CONSULTANTS
REPORT.

DP/MEX/78/017

Vienna, 1985. 33 p. graphs

1111

<UNIDO pub> <Expert report> on use of <plastics> in
<agriculture> in <Mexico> - covers (1) assessment of
economic and <social aspects> and <profitability> of using
plastic mulch for growing selected crops (<tomatoes>,
cantaloupes and watermelons) in a gravity <irrigation>
district (2) development of a framework for analysis of
social returns taking into account total <farming>
<costs>, <crop yields> and <foreign exchange> earnings (3)
revenue comparison based on estimated <prices>
<Recommendations>, <bibliography>, graphs <Restricted>.

ENGL

35.70

14954

1985

Charif, Hasan Ali
Gilbert, Stephen L.
UNIDO

(R) A TECHNO-ECONOMIC STUDY ON A "SILICON FOUNDRY" IN THE
WESTERN ASIA REGION.
Vienna, 1985. 49 p.

<UNIDO pub> <Expert report> on a potential <silicon>
<foundry> approach to <integrated circuits> design in some
<Arab countries> - covers (1) present level of
<electronics industry> in <Algeria>, <Egypt>, <Iraq>,
<Syria>, <Tunisia>; visits to <research centres>,
<engineering> and industrial <design centres>; <industry
and higher education> (2) promotion of self sufficiency in
<microelectronics> technology aided by <regional
cooperation>, need to foster product <marketing>
techniques; <choice of technology>. <Recommendations>.
<bibliography>. <Restricted>.

ENGL
38 20

14955

1985

Colwell, Rita R.
UNIDO

(R) MARINE BIOTECHNOLOGY.
Vienna, 1985. 36 p.

<UNIDO pub> <Expert report> on <development potential> of
<sea> based <biotechnology> - covers (1) the role of
<genetic engineering> in improving production of <fish>
and <shellfish> (2) <microbiology> techniques and
scientific <experiment>s for control of diseases in
aquaculture; production of <vaccines>; cultivation of
<seaweeds>; substances to be used by the <pharmaceutical
industry>; marine toxins to be used as <insecticides> (3)
the problem of <marine pollution> by industrial
<chemicals>; engineering of <microorganisms> added to
<industrial wastes> to provoke <biodeterioration>;
<enzymes> manipulation (4) proposals for <developing
countries> <Recommendations>, <bibliography>.
<Restricted>.

ENGL
35 50

14956

1985

Templo, Pedro T.

UNIDO

(R) REGIONAL NETWORK IN ASIA ON LOW-COST BUILDING MATERIALS TECHNOLOGIES. INFORMATION SYSTEM TECHNICAL REPORT.

DP/RAS/81/012

Vienna, 1985. 41 p. tables, diagrams.

.....

<UNIDO pub>. <Expert report> on design of an <information system> serving a regional network for <Asia> regarding low-cost <building materials> technologies and construction systems - covers (1) procedures for the establishment of the information network (2) proposed methods for <data collecting> (using the <institutional framework> of member countries) regarding <construction industry> (3) utilization of <electronic data processing> to set up a file system and for preparation of a <directory> covering building materials, <housing> construction technology, <expert>s and <consultant>s, <equipment> and <manpower needs>, a coding system and <indexing> scheme for <bibliography>s. <Restricted>.

ENGL

33.20

14957

1985

Riedel, Jurgen

UNIDO

(R) MADAGASCAR. RAPPORT TECHNIQUE POLITIQUE ET STRATEGIE POUR LA PROMOTION DE LA PETITE ET MOYENNE INDUSTRIE.

MAG/82/007

Vienna, 1985. 84 p.

.....

<UNIDO pub>. <Expert report> on policies for promoting medium and <small scale industry> in <Madagascar> - covers (1) <development potential> of the utilization of <natural resources> by the <public sector> and the <private sector> (2) <industrial promotion> in the sectors of <agro-industry>, <hand tools>, <construction industry>, <maintenance and repair> of <machinery>, production of <consumer goods> (3) design of an <industrial policy>, necessary <legislation>, <investment>s, <fiscal policy>s, <commercialization>, <prices>, <information system>, <institutional framework> <Recommendations> <Restricted>.

FREN

21.40

14958

1985

Winters, David

UNIDO

(R) BRAZIL. ASSISTANCE IN THE ESTABLISHMENT AND OPERATION OF
A PILOT AND DEMONSTRATION PLANT FOR TANNERY EFFLUENTS
TREATMENT, AT ESTANCIA VELHA. R.S

US/BRA/80/166

Vienna, 1985 29 p. tables, diagrams

<UNIDO pub> <Expert report> on assistance in setting up a
<pilot plant> for <effluent treatment> from <tanning> in
<Brazil> - covers (1) <pollution control> requirements,
installation of plant for primary and secondary treatment,
description of technical process, including the recovery
and <recycling> of <chromium> (2) <laboratory> for
analysing and <testing> the effluents of <industrial
wastes> (3) <training centre> offering <in-plant training>
and <industrial extension> services. <equipment> in use.
<factory layout> <Recommendations> <Restricted>.

ENGL

32 40

14959

1985

Szita, Eva

UNIDO

(R) THE TEXTILE AND CLOTHING INDUSTRIES IN HUNGARY

Vienna, 1985 tables

<UNIDO pub> <Expert report> on the <textile industry> and
<clothing> manufacture in <Hungary> - covers (1) the
structure of <world production> of clothing and <shoes>
industries, the pattern of production and present and
future <consumption> of <natural fibres> (2) <investment>s
and technical restructuring of the industry; <manpower>,
<employment>, <productivity>, <profitability>, foreign
<trade> and <domestic market>; <export>s; <import>s (3)
future steps of economic <management> <cooperation> with
<developing countries> <Recommendations>, <statistics>,
<bibliography>, <Restricted>

ENGL

32 30

14960

1985

Radziminski, Stanislaw

UNIDO

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

DP/IND/62/001

Vienna, 1985 170 p tables, graphs, diagrams.

<UNIDO pub> <Final report> on assistance in development and application of <methanol> <engine fuel> for two-stroke <motor vehicles> in <India> - covers (1) introduction of <engines> modifications and <testing> of <energy> consumption with different mixtures of <petrol> and <methanol> (2) air-<fuel> ration measuring techniques and <experiments>, the use of <lubricants> including <castor oil>; <in-plant training> and <training programmes> for <technical personnel> (3) need for <research and development> courses and <laboratory> activities; <technical assistance> requirements <Recommendations>, <bibliography>, graphs <Restricted>

ENGL

34 30

14961

1985

Wakim, J M.

UNIDO

(R) SYRIAN DOWN STREAM PETROCHEMICAL AND REFINING INDUSTRIES.
WORKING PAPER

Vienna, 1985 37 p tables

<UNIDO pub> <Expert report> on promotion of <petrochemical industry> and <petroleum refinery> in <Syria> - covers (1) <export> of <petroleum> and <natural gas> due to small <domestic market> for major <petrochemicals>, <import> of <ethylene> derivatives, propylene and <aromatics> derivatives (2) the <development potential> of thermoplastic processing industry producing <polyethylene> film, bags and sheets, <pipe>s, the expansion of the <fertilizer industry> (3) the integration of petrochemical facilities in <Saudi Arabia>, the technology in use, <export promotion> <industrialization policy>s and the petrochemical industry in <Iraq>, <Egypt>, <Libya> <Recommendations>, <Restricted>.

ENGL

35 10

14962

1985

Uhakrabarty, A.M.

UNIDO

(R) GENETIC ENGINEERING AND PROBLEMS OF ENVIRONMENTAL POLLUTION

Vienna, 1985. 47 p. tables, illus

<UNIDO pub> <Expert report> on <genetic engineering> and <pollution control> - covers (1) decomposition of chlorinated compounds by <microorganisms> and degradation of toxic <chemicals> in contaminated <environment> (2) the action of degradative genes on <hydrocarbons> (3) methods for conducting transposon mutagenesis and gene cloning, gene amplification and gene duplication (4) construction of strains, the results of <laboratory> <experiment>; gene manipulation techniques. <Bibliography> Additional references <microorganisms>, <biodegradation>.
<Restricted>

ENGL

35 50

14963

1985

Menjivar, Felipe

UNIDO

(R) PERUVIAN INDUSTRY AND INDUSTRIAL POLICY

Vienna, 1985. 146 p. tables, graphs

<UNIDO pub> on industry and <industrial policy> in <Peru> - covers (1) <economic development>, <productivity>, <gross domestic product> in <agriculture>, <mining>, <manufacturing>, <utilities>, <construction industry>, <commerce>, <transport> and <service industry>s between 1970 and 1982 (2) <structural change>s proposals discussing the contribution of the <public sector> to <economic growth>, consideration of <competitiveness>, <training programmes> for <workers>, <employment policy>s, <export promotion>, <production targets> in <textiles> and <clothing>, <copper>, <shoes>, <capital goods>, mining, <electrical engineering> (3) <regional cooperation>, <Recommendations>, <bibliography>, <statistics>.
<Restricted>

ENGL

14 60

14964

1985

Maraboto, Este Va
UNIDO

(R) COLOMBIA. (LA INDUSTRIA ELECTRONICA). INFORME DE LA
VISITA DE TRABAJO REALIZADA DEL 17 AL 31 MARZO DE 1985.

DP/COL/82/016

Vienna, 1985. 74 p. tables.

....

<UNIDO pub>. <Expert report> on assistance to development of <electronics industry> in <Colombia> - covers (1) the production and <domestic consumption> of <electronic equipment> consisting mainly in <assembling> <import>ed <components> for production of <television sets>, <computer>s and <telecommunications> equipment (2) visits to <enterprises>; <terminology> for relevant <documentation> (3) the experience of <Brazil>. <Recommendations>. <statistics>. <Restricted>.

SPAN

38.10

14965

1985

Choi, Hyung Sup

UNIDO

(R) SRI LANKA. REPORT ON ADVISORY SERVICES FOR THE PROMOTION
OF SCIENCE AND TECHNOLOGY.

Vienna, 1985. 27 p.

....

<UNIDO pub>. <Expert report> on steps required in promoting <science> and <technology> in <Sri Lanka> - covers (1) the experience in <Korea R> regarding <education> and <training> serving <industrialization>, <engineering> and <research> (2) draft <legislation> concerning <institutional framework>, regulation of <technology policy>s involving <technology transfer>, technical <cooperation>, <manpower> development, <research and development> projects, establishment of national network on <technical information>, implementation plan <Restricted>.

ENGL

24.30

14966

1985

Marriott, John

UNIDO

(R) SYRIA ASSISTANCE TO THE MUNICIPALITY OF DAMASCUS IN THE
CONSTRUCTION OF A COMPOST PLANT TECHNICAL REPORT.

SI/SYR/79/802

Vienna, 1985 75 p. tables, graphs.

<UNIDO pub> <Expert report> on assistance to construction
of a <composting> plant based on <urban wastes> in <Syria>
- covers (1) <location of industry> (2) evaluation and
technical assessment of 13 submitted proposals regarding
shredding, mixing, <fermentation>, maturation, <storage>;
<technical personnel> and <engineers> needed; <factory
layout>; <machinery> and <transport equipment
requirements (3) integration of <sewage treatment> and
composting projects <Recommendations>, tables, <maps>.
<Restricted>.

ENGL

35 20

14967

1985

Kennel, Lucien

UNIDO

(R) VENEZUELA DESARROLLO DE LA INDUSTRIA DE BIENES DE
CAPITAL PROYECTO PULPA DE MADERA INFORME FINAL.

DP/VEN/80/003

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

<UNIDO pub> <Final report> regarding choice of
<equipment> for a <wood> <pulp>ing project in <Venezuela> -
covers (1) project objectives, the <demand> of <capital
goods> by the <pulp and paper industry>, the national
<production capacity> (2) <specifications> of equipment
requirements, its possible <domestic production> as
<import substitution> (3) the manufacture and quality of
<machinery>, <electrical equipment>, <pipe>s, <valves> (4)
proposals for a <manufacturers association> and
cooperation with <engineering> firms; <investment
programme <Recommendations> <Restricted>.

SPAN

32 10

14988

1985

Thurn, Carl

UNIDO

(R) THE LEATHER SHOE INDUSTRY IN SWEDEN. HISTORICAL
DEVELOPMENT. DEVELOPMENT TRENDS.

Vienna, 1985 85 p tables, illus

<UNIDO pub> on <leather> <shoes> industry in <Sweden> -
covers (1) consumption and <domestic production> of <hides
and skins> and leather shoes since 1981, <import>s and
<export>s (2) technology trends, <government policy>s and
contribution towards attaining <development potential> (3)
<tanning> industries, <investment>s, number of <workers>, <labour costs>, <institutional framework> <Bibliography>, <statistics>. <Restricted>.

ENGL

32 40

14989

1985

UNIDO

INDIA. INDUSTRIAL DEVELOPMENT REVIEW SERIES

Vienna, 1985 126 p tables, graphs

UNIDO-UNIDO/IS 547

<UNIDO pub> on <industrial development> in <India> -
covers (1) the <national economy>, <economic structure>
(2) structure and performance of the <manufacturing>
sector, <industrial growth>, <productivity>, <trade>, <geographic distribution>, <size of enterprise>, ownership and <investment> patterns (3) <industrial policy>s, <industrial planning>, <institutional framework> (4) <human resources>, <raw materials>, <energy>, <financing>, <technical assistance> <Statistics>, <industrial projects>, list of leading <industrial enterprises>, <bibliography>. Additional reference <structural change>.

ENGL

14 60

14970

1985

UNIDO

THAILAND INDUSTRIAL DEVELOPMENT REVIEW SERIES

Vienna, 1985 114 p tables, graphs

UNIDO-UNIDO/IS 548

<UNIDO pub> on <industrial development> in <Thailand> - covers (1) the <national economy>, <economic structure>, <trends> (2) the <manufacturing> sector: growth and <structural change>, <productivity>, <exports> and <imports>, ownership and <investment> patterns, distribution and <size of enterprises>, <development potential> (3) <industrialization policy>, <industrial planning>, <raw material>s, <manpower>, <financing>, <banking>, <institutional framework>, <technical assistance> <Statistics>, <bibliography>, list of <industrial projects> Additional references <energy>, <investment promotion>, <training>

ENGL

14 60

14971

1985

Hoglander, Borje

UNIDO

(R) BENTONITE DEPOSITS IN AFRICA

UC/INT/83/268

Vienna, 1985 1 vol (various pagings), tables

<UNIDO pub> <Final report> regarding <bentonite> deposits in <Africa> - covers bentonite <world production>, African deposits as determined from surveys of literature Annexes several relevant articles <Statistics> Additional reference <mineral resources> <Restricted>

ENGL

33 30

14972

1985

UNIDO

ALKO LTD., FINLAND

WORKSHOP ON FERMENTATION ETHANOL PRODUCTION FOR USE AS FUEL
AND CHEMICAL FEEDSTOCK IN DEVELOPING COUNTRIES, RAJAMAEMI,
FINLAND, 1984

(R) FINAL REPORT. (WORKSHOP ON FERMENTATION ETHANOL
PRODUCTION)

US/INT/83/037

Vienna, 1985. 46 p.

<UNIDO pub> <Final report> on a <meeting> on production
of <fermentation> <ethanol> in <developing countries> -
covers (1) background and organization of the workshop (2)
evaluation and follow-up (3) short term <consulting>
projects identified (4) promoting production of
fermentation ethanol in DCs for use as <fuel> and as
<chemicals> feedstock, discussion of problems and
prospects; country papers <Recommendations>,
<bibliography>, <list of participants>, <agenda>
Additional reference: <biotechnology>, <Restricted>.

ENGL

35 30

14973

1985

Boretti, P.

UNIDO

VIETNAM. PRODUCTION OF WOODEN TEXTILE INDUSTRY ACCESSORIES.
PROJECT FORMULATION MISSION

DP/VIE/80/027

Vienna, 1985. 51 p. diagrams, map

UNIDO-DP/ID/SER A/632

<UNIDO pub> <Expert report> on assistance toward
production of loom shuttles and picking sticks (<wood
products>) used in <textile industry> in <Vietnam> -
covers (1) types, consumption and origin of such
<equipment>; shuttle blocks, <wood processing> of shuttles
<timber> <supply>, <tree species> hardware and milling
<tools> supply (2) main problems identified
<Recommendations>, <diagrams>, <project document>

ENGL

32 10

14974

1985

Giulietti, A.M.

UNIDO

(R) THE USE OF AZOTOBACTER STRAINS FOR THE BIODEGRADATION OF RECALCITRANT COMPOUNDS.

Vienna, 1985. 19 p. diagrams.

....

<UNIDO pub>. <Expert report> on the use of Azotobacter <microorganisms> for biodegradation of recalcitrant compound <chemicals> (reference: <pollution control>) - covers (1) general aspects of such biodegradation; <pollutants> to be dealt with on a priority basis (2) <effluent treatment> by means of Azotobacter microbial strains <Diagram>s, <bibliography>. Additional references: <biochemistry>, <enzymes>, <pesticides> <DDT>, <phenol>, <aromatics>, <waste disposal>, <biodegradation>. <Restricted>.

ENGL

35.50

14975

1985

UNIDO

TELECOMPUTING PLC, UK

(R) CZECHOSLOVAKIA. THE NATIONAL TECHNICAL CONSULTANCY AND TRAINING CENTRE (NTCTC), PRAGUE. FINAL REPORT.

DP/CZE/82/006

Vienna, 1985. 14 p.

....

<UNIDO pub>. <Final report> on assistance to a <technological institute> in <Czechoslovakia> in the field of <computer programmes> serving <production control> - covers: installation of a software package at the NTCTC site in Pilsen; related <training assistance> and <consulting> services; initial systems set up; <systems design>. <Recommendations>. Additional reference: <computer-aided manufacture>. <Restricted>.

ENGL

22.10

14976

1984

Soininen, Pekka J.

UNIDO

(R) EGYPT. ENERGY CONSERVATION MEASUREMENT SYSTEMS FOR PILOT PLANTS AND AT SITE TRAINING

Vienna, 1984. 52 p. diagrams.

....

<UNIDO pub>. <Expert report> on assistance in <energy saving> in <factory>s in <Egypt> - covers (1) guidance given to staff at a <development centre> for <iron and steel industry> regarding use of relevant <measuring instruments> (2) <testing> <equipment>; <pilot plant> instrumentation (3) factory visits. <Recommendations>, <diagram>s, <job description>, list of equipment and of suppliers. Additional reference: <textile industry>. <Restricted>.

ENGL

34.10

14977

1985

Williams, Robert O.

UNIDO

(R) PHILIPPINES. ASSISTANCE TO ENERGY PRODUCTION FROM BIOMASS WASTE MATERIALS. TECHNICAL REPORT.

DP/PHI/78/022

Vienna, 1985. 30 p. diagrams, illus.

....

<UNIDO pub>. <Expert report> on assistance in using <agricultural wastes> as an <energy source> in the <Philippines>, with special reference to <gasification> of <rice husks> - covers (1) installation of a rice hull gasifier system, required modifications; system design; <chemical reactors> (2) <furnace> conversion and design of low BTU <gas> <burners> (3) on-site monitoring programme. <Diagram>s, illustrations. Additional reference: <biomass>. <Restricted>.

ENGL

34.10

14978

1985

Pearce, Joan

UNIDO

(R) DEVELOPMENTS IN THE FINANCING OF INDUSTRIAL PROJECTS IN
DEVELOPING COUNTRIES SINCE 1982
Vienna, 1985 37 p tables

<UNIDO pub> on the <financing> of <industrial projects> in
<developing countries> - covers (1) <debt>, recession and
the response of <export> <credit> agencies (2)
developments in relevant <OECD> arrangements since 1982
(3) developments in mixed credit (4) country perspectives:
<France>, <Germany FR>, <Japan>, <UK>, <USA> Additional
references <credit policy>, <banking> <Restricted>

ENGL

29 10

14979

1984

Heden, Carl-Göran

UNIDO

(R) CULTIVATION TECHNOLOGY FOR THE BENEFIT OF RURAL
DEVELOPMENT A BIOMASS-BASED STRATEGY DISCUSSION PAPER 2.
Vienna, 1984 9 p

<UNIDO pub> <Expert report> on <biotechnology>, with
special reference to a <biomass> based cultivation
technology serving <rural development> - covers (1) plant
tissue cell culture, <genetic engineering> applicable on
crops in <developing countries>, required <research> work
and <quality control> (2) mushroom cultivation,
<fermentation> <foods> (3) <cooperation> in research, the
<role of UNIDO> Additional references <microbiology>,
<agriculture> <Restricted>.

ENGL

35 50

14980

1985

Croft, Mervyn J.

UNIDO

(R) LIBERIA. TECHNICAL EVALUATION OF PRINTING INDUSTRY FOR A
JOINT VENTURE. TERMINAL REPORT.

SI/LIB/85/801

Vienna, 1985. 19 p. diagram.

...:

<UNIDO pub>. <Final report> on assistance to <printing>
industry in <Liberia> - covers (1) <evaluation> of two
<joint venture> proposals for re-establishment of a
government owned medium-sized printing industry with the
participation of <private investment> (2) present state of
the <factory>; facilities, <equipment> and <machinery>;
type of printing to be done. <Factory layout>.
<Restricted>.

ENGL

39.10

14981

1985

Hallet, Robert M.

UNIDO

(R) CHILE. DEVELOPMENT OF TIMBER CONSTRUCTION. MISSION REPORT.

SI/CHI/84/803

Vienna, 1985. 11 p.

UNIDO-UNIDO/10/R.188

<UNIDO pub>. <Mission report> regarding <timber>
application in <construction industry> in <Chile> - covers
(1) <sawmills> and <wood processing> factories visited;
<tree species> used for <housing> construction; various
<wood products>; <wood technology> (2) <development
potential> of sawmilling industry (3) progress of a wooden
<bridges> project. <Restricted>.

ENGL

32.10

14982

1985

UNIDO

SALT CONSULTANCY SERVICES, INDIA

(R) GAMBIA. ESTABLISHMENT OF A VILLAGE-TYPE SOLAR SEA SALT
PRODUCTION. FINAL REPORT.

SI/GAM/84/801

Vienna, 1985. 6 p.

.....

<UNIDO pub>. <Final report> on a small scale <village>
level <solar salt> project for <Gambia> - covers: details
of work done; technical aspects; construction of units;
<training>; scraping of <salt>; salt harvesting; <social
aspects>; supply of <tools>; materials required.
<Recommendations>. Additional reference: <salt water>.
<Restricted>.

ENGL

35.30

14983

1985

UNIDO

MEETING OF THE WORKING GROUP ON TRAINING IN AGRO-MACHINERY
AND MULTI-PURPOSE PLANTS, ROSARIO, ARGENTINA, 1985

SOME CONSIDERATIONS CONCERNING INDUSTRIAL TRAINING.

Vienna, 1985. 14 p. tables.

UNIDO-ID/WG.451/2

<UNIDO pub> concerning industrial <training>, with special
reference to <agro-industry> and the <role of UNIDO> -
covers (1) <definition> of industrial training (2) most
common <UN> approaches within the framework of <technical
assistance> (3) lessons of experience with past training
projects for <developing countries>; problems;
prerequisites for making training activities more
effective (4) training applicable in agro-industry.
Additional references: <planning>, <training centres>.
<TCDC>.

ENGL

12.40

14984

1985

Hanneschlaeger, H.

Reichel, E.

UNIDO

ARAB IRON AND STEEL UNION

(R) REPORT OF THE AISU SEMINAR ON PERSONNEL MANAGEMENT.

DP/RAB/81/005

Vienna, 1985. 3 p.

....

<UNIDO pub>. <Report> on a <seminar> regarding
<management> for <iron and steel industry> in <Arab
countries> - gives brief information on participants and
content of a programme for <management development>
Conclusions. <Restricted>.

ENGL

36.10

14985

1985

Prammer, F.

UNIDO

ARAB IRON AND STEEL UNION

(R) REPORT OF THE AISU SEMINAR ON EDP APPLICATIONS IN IRON
AND STEEL INDUSTRY.

DP/RAB/81/005

Vienna, 1985. 6 p.

....

<UNIDO pub>. <Report> on a <seminar> regarding use of
<electronic data processing> in <iron and steel industry>
in <Arab countries> - covers: participants; areas in which
information was sought; problems discussed with
participants; content of <training programmes>;
conclusions. Additional references: <automation>, <process
control>, <production control>, <information system>.
<Restricted>.

ENGL

36.10

14986

1985

E1-Kholy, D.A.

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS,
VIENNA, 1985

THE DEVELOPMENT OF INDUSTRIAL INFORMATION SYSTEMS IN THE ARAB
REGION. A REVIEW OF PAST EXPERIENCES, NEEDS AND TRENDS.

Vienna, 1985. 19 p diagrams

UNIDO-ID/WG.450/2

<UNIDO pub> on development of industrial <information
systems> in <Arab countries> - covers (1) particular
features and characteristics of <industrial information>
in areas of <technology> (2) efforts made over the past
fifteen years to develop information systems and
<information exchange> in the Arab region (3) needs and
<demand> relevant to <INTIB> operations, suggestions for
future INTIB development. <Diagram>s Additional
reference <IDCAS>

ENGL

01 20

14987

1985

Roch, Kenneth M

UNIDO

(R) CHINA. PREPARATION OF THE FINAL PROJECT DOCUMENT FOR
"DEVELOPMENT AND APPLICATION OF SILICONES". REPORT.

DP/CPR/85/022

Vienna, 1985. 29 p

<UNIDO pub> <Expert report> on assistance to development
of silicones (organo-<silicon> compounds) in <China> -
covers (1) visit to the Chenguang <research centre> for
<chemical industry> (2) revision and finalization of a
<project document> regarding establishment of a centre for
silicone <research and development>, silicone products and
their <industrial applications>; project <financial
aspects>; <equipment> requirements <Restricted>.

ENGL

35 30

14988

1985

Heughan, Donald M.

UNIDO

ARGENTINA. ASSISTANCE IN ESTABLISHMENT OF A FURNITURE
MANUFACTURING ASSOCIATION. TECHNICAL REPORT.

SI/ARG/85/801

Vienna, 1985. 24 p.

UNIDO-DP/ID/SER. A/640

<UNIDO pub>. <Expert report> on assistance in setting up a
<furniture> <manufacturers association> for <Latin
America> - covers (1) relevant agreement achieved at a
<meeting> in <Argentina>; items to be included in the
constitution (2) visit to a furniture <trade fair> in
<Brazil> (3) the Argentine furniture industry; visits to
<factory>s; discussions (4) <development potential> of the
industry in Latin America. <Job description>. Annexes
draft by-laws of the association (in Spanish). Additional
references: <product design>, <training>.

ENGL SPAN

32.20

14989

1985

Spanic, Ivan-Kresimir

UNIDO

EGYPT. PRODUCTION OF POLYESTER FIBRE. TECHNICAL REPORT.

DP/EGY/77/008

Vienna, 1985. 53 p.

UNIDO-DP/ID/SER. A/641

<UNIDO pub>. <Expert report> on assistance to <polyester>
<synthetic fibres> production in <Egypt> - covers (1)
findings and advice given regarding operations at a
<factory>; polymerization, <spinning>, drawing,
<chemicals> and <textiles> <testing> and <quality
control>, technical service, production of black spun dyed
W-type PES (2) visits to <textile industry>s; work at the
textile <development centre>; a <seminar>. Annexes,
<recommendations>, <definitions>.

ENGL

32.30

14990

1985

UNIDO

MICROELECTRONICS MONITOR. ISSUE NO. 14.

Vienna, 1985. 67 p.

||||

<UNIDO pub> containing information on <microelectronics> - covers: events; <innovation>s; <research and development>; <market> <trend>s and company news; <industrial application>s; <computer programmes>; <robots>; country reports; <standardization> and <legislation>; <social aspects>; <economic implications>; <government policy>s; recent publications. Additional references: <computer>s; <semiconductor>s.

ENGL

38.10

14991

1985

UNIDO

GENETIC ENGINEERING AND BIOTECHNOLOGY MONITOR. ISSUE NO. 11.

Vienna, 1985. 101 p.

||||

<UNIDO pub> reporting on developments in the fields of <biotechnology> and <genetic engineering> - covers (1) relevant <technology policy>; <social aspects>; <industrial application>s; events (2) country news (3) <research>; <health> aspects; <vaccines>; <livestock>; <agriculture>; <food>; <energy>; <environment> (4) <patents> and intellectual property issues (5) bio-informatics (6) meetings, <documentation>. <Bibliography>.

ENGL

35.50

14992

1985

Chattarjee, Saurin
Danninger, Herbert
Epremier, Edward
Jangg, Gerhard
Knovicka, Heinz
UNIDO

ADVANCES IN MATERIALS TECHNOLOGY: MONITOR. ISSUE NO. 4.
Vienna, 1985. 93 p., diagrams.

||||

<UNIDO pub> giving information on <new materials>, with special reference to <powder metallurgy> - covers (1) developments and <market> trends in this field, country news (2) hot isotatic pressuring; <advanced technology> and <development potential> of powder <metallurgy>; relevant experience in <India>. <Diagram>s, <bibliography>. Additional references: <metal products>, <sinter>.

ENGL
36 30

14993

1984

Hong-shu, Liu
Wan-jun, Wang
UNIDO

EXPERT GROUP MEETING ON THE DEVELOPMENT OF MULTI-PURPOSE
AGRICULTURAL MACHINERY PLANTS, GUANGZHOU, CHINA, 1984
EXPERIENCES IN THE DEVELOPMENT OF MULTI-PURPOSE AGRICULTURAL
MACHINERY PLANTS.
- RESULTATS OBTENUS EN MATIERE DE CREATION D'USINES
POLYVALENTES DE MACHINES AGRICOLES

Vienna, 1985. 19 p.

UNIDO-ID/WG 449/3

<UNIDO pub> on the development of multi-purpose
<agricultural machinery> <factory>s, based on experience
in <China> - covers (1) situation in China (2) affects of
recent <government policy>s (3) coping with problems
caused by seasonal fluctuations of agricultural machinery
<market> (4) <management> ability and service quality (5)
<product design> and <standardization>; <quality control>;
<maintenance and repair> (6) <location of industry> (7)
<training> of <staff>.

ENGL FREN
37 20

14994

1985

Gordon, John

UNIDO

SYRIA TECHNICAL ASSISTANCE TO THE PUBLIC UNDERWEAR INDUSTRY.
TECHNICAL REPORT.

SI/SYR/84/801

Vienna, 1985 42 p tables

UNIDO-DP/ID/SER A/630

<UNIDO pub>. <Expert report> on assistance to two <cotton> <knitting> factories producing underwear in <Syria> - covers (1) background of project, wet processing technology; a <seminar> held (2) enterprises visited, <equipment> and <factory organization>, <drying> and <dyeing>; processing trials. <Recommendstions>, process <statistics>. Additional references. <yarns>, <bleaching>.

ENGL

32.30

14995

1985

Thomas, Dewi G.B.

UNIDO

SYRIA TECHNICAL ASSISTANCE TO THE PUBLIC UNDERWEAR INDUSTRY.
TECHNICAL REPORT.

Vienna, 1985 118 p tables

UNIDO-DP/ID/SER A/646

<UNIDO pub>. <Expert report> on assistance to a <cotton> <clothing> factory producing underwear in Aleppo, <Syria> - covers (1) assessment of performance, <product design>, <quality standards>, and <quality control> at the factory (2) technical and <economic aspects>, improvements required for promoting <export> chances to European market (3) styling, <textile finishing>. <Recommendations>, <specifications>, tabulation of sewing sequences.

ENGL

32.30

14996

1985

Erikson, Hanne

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS.
VIENNA, 1985

TOWARDS A EUROPEAN INFRASTRUCTURE FOR TECHNOLOGY TRANSFER.

Vienna, 1985. 23 p. diagrams, maps.

UNIDO-ID/WG.450/5

<UNIDO pub> on the infrastructure in <Western Europe> for
<technology transfer> (TT) - covers (1) <development
potential> of a European network and <information
exchange> for <technology>; <market> aspects;
<institutional framework> on the <national level> and the
<regional level> (2) typical activity pattern for national
TT centres; an example from <Denmark> (3) the present
process for transnational TT in the <EEC> region; (4)
proposals for an EEC <pilot project> to improve relevant
<infrastructure> in Europe <Diagram>s, <maps>.

ENGL

24 30

14997

1985

Melrose, Enrique

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS.
VIENNA, 1985

A NEW CONCEPT OF NETWORK: THE IBINET PROJECT.

Vienna, 1985. 10 p.

UNIDO-ID/WG.450/6

<UNIDO pub> on the IBINET <information system> as a
project in the field of <telecommunications> - covers (1)
background of transformation in the <informatics> industry
(2) the physical network of IBINET; potential applications
for <developing countries>; operational network
<Bibliography> Additional references <data bank>.
<advanced technology>; <microelectronics>; <INTIB>

ENGL

01 20

14998

1985

Haynes, Frederick

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS.

VIENNA, 1985

PERSPECTIVES ON INFORMATION DELIVERY.

Vienna, 1985 27 p. table, diagram.

UNIDO-ID/WG 450/8

<UNIDO pub> on industrial <information service>s and ways to promote information delivery - covers (1) relevant differences between needs in <market economy> and <planned economy> countries (2) the information delivery process, sources, <data recording>, conversion into retrievable formats, types of output (3) the <market> for <industrial information>, identifying <demand> (4) the delivery system, <development potential>, prospects <Bibliography> Additional references <electronic data processing>, <information system>s.

ENGL

01 20

14999

1985

Lafond, Renald

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS.

VIENNA, 1985

USERS OF INDUSTRIAL INFORMATION AND THEIR NEEDS.

Vienna, 1985 9 p.

UNIDO-ID/WG 450/10

<UNIDO pub> on the users of <industrial information> - covers (1) <definition> of industrial information (2) users needs at the level of <industrial enterprise>s and of <industrial institutions>, problems encountered (3) typical subjects on which information is required (4) <engineering> information (5) sources of information: <documentation> and <information centre>s.

ENGL

24 20

15000

1985

Hahn, Sang Joon

Lee, Ho Il

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS,
VIENNA, 1985

CASE STUDY ON DIFFERENT CATEGORIES OF TECHNOLOGICAL
INFORMATION USERS' NEEDS AND SECTORAL INFORMATION NEEDS.
EXPERIENCES IN THE REPUBLIC OF KOREA.

Vienna, 1985. 41 p

UNIDO-ID/WG 450/11

<UNIDO pub> on the need for <industrial information> at various levels, based on experience in <Korea R> - presents <case study>s of (1) <technical information> required by government, <research centre>s, <industrial enterprise>s, <development bank>s and <engineering> <consultant>s (2) sectoral information needs, considering <food industry>, <electrical industry>, <machinery industry> and <chemical industry>.

ENGL

24 20

15001

1985

UNIDO

ROUND TABLE DISCUSSION OF AN ADVISORY GROUP OF INTIB USERS,
VIENNA, 1985

THE ROLE OF THE INDUSTRIAL AND TECHNOLOGICAL INFORMATION BANK
(INTIB).

Vienna, 1985. 11 p.

UNIDO-ID/WG 450/13

<UNIDO pub> on industrial <information service>s, with special reference to the role of <INTIB> - covers (1) establishment of the industrial and technological information bank (INTIB); its functions and development (2) INTIB activities 1982 to 1985; analysis of INTIB; plans for 1986 and 1987; concept of networking; <UNIDO> <data base>s. Additional references: <information exchange>, <technical information>.

ENGL

01 20

15002

1985

UNIDO

PROCUREMENT OF EQUIPMENT AND SERVICES FOR UNIDO FIELD PROJECTS.

Vienna, 1985. 12 p. tables

UNIDO-PI/19/Rev.7

<UNIDO pub> outlining <UNIDO> procedures for procurement of <equipment> and services for <industrial projects> - covers (1) <purchasing> procedures (2) <contracts>, timing <administrative aspects> and evaluation of contractors' performance; <consulting> services; <subcontracting>. <Statistics>. Additional reference: <role of UNIDO>.

ENGL

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15003

1985

Scodrov, O

UNIDO

(R) ALGERIA. AVAILABILITY AND UTILIZATION OF ANIMAL ORGANS IN THE PRODUCTION OF BIOACTIVE SUBSTANCES. TECHNICAL REPORT

UC/ALG/85/062

Vienna, 1985. 34 p. tables.

UNIDO-UNIDO/IO/R.178

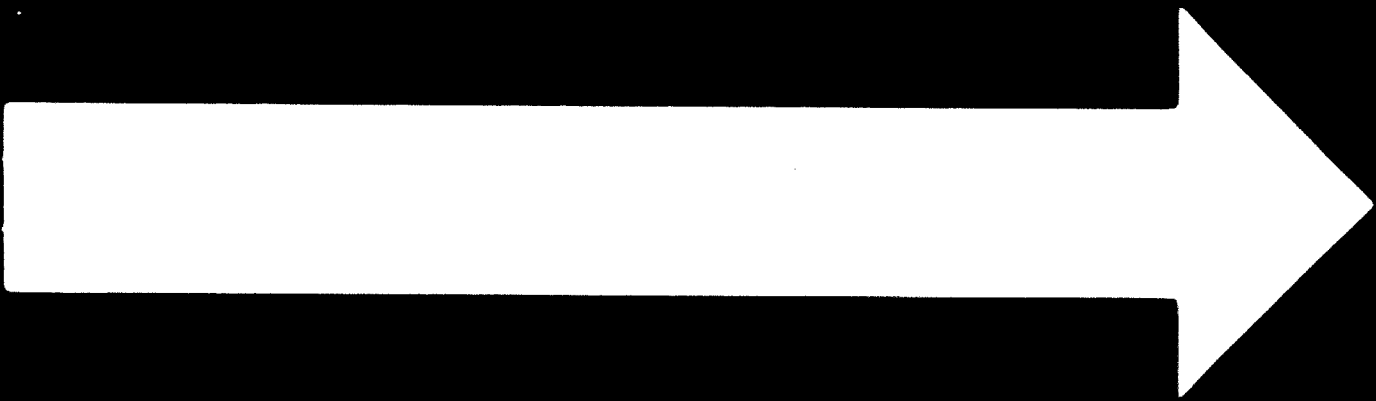
<UNIDO pub>. <Expert report> on assistance to production of opotherapeutic <pharmaceuticals> in <Algeria> (reference: <animal products>) - covers (1) planned development of the opotherapeutics industry based on utilization of <slaughtering> <by-products> within the context of <import substitution> (2) visits to (a) the ministries of public <health>, of agriculture and <fishery> (b) slaughterhouses, <laboratory>s and a university <research centre> (3) findings and discussion <Recommendations>, <statistics>. Additional references <livestock>, insulin, <blood> <Restricted>

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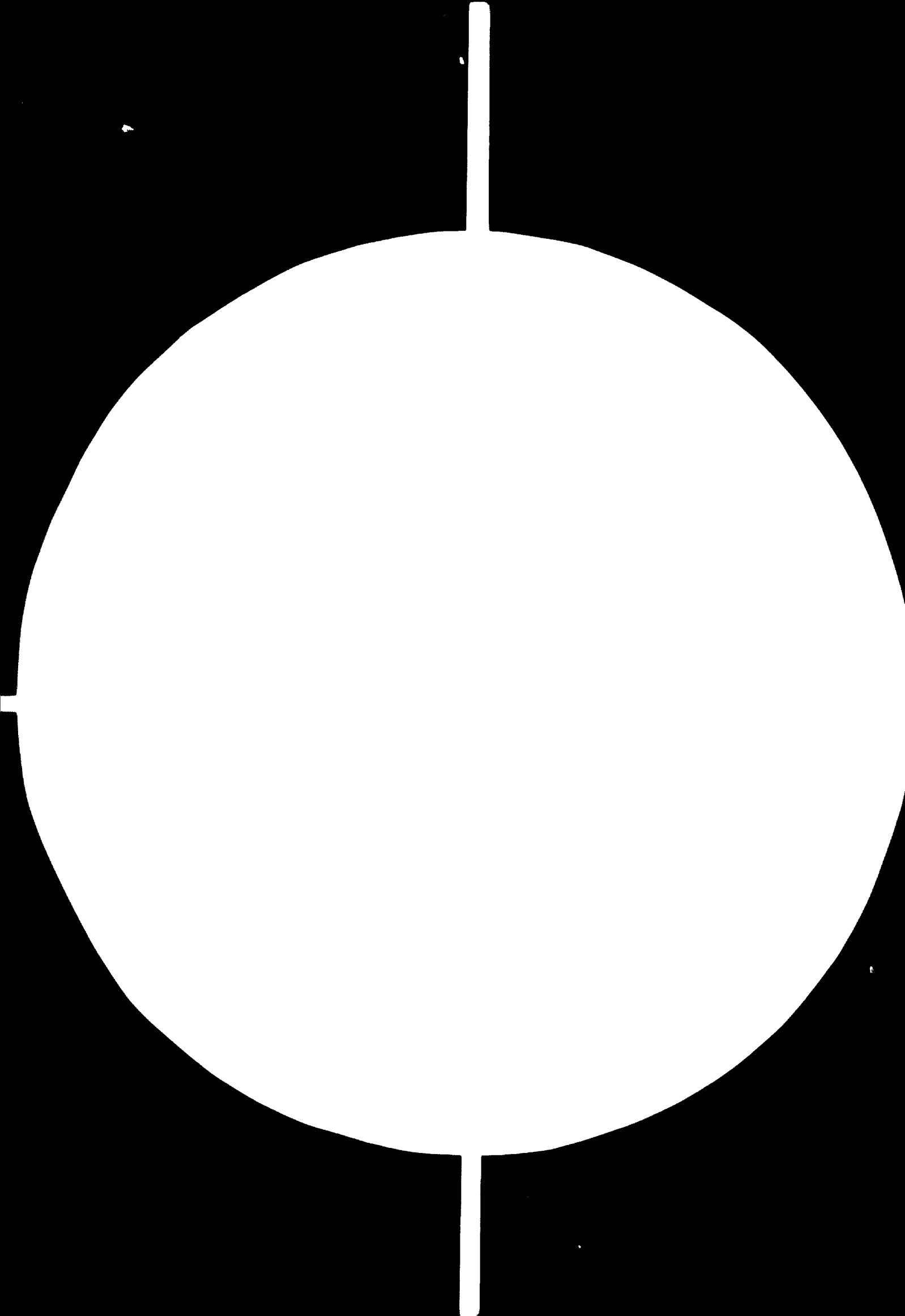
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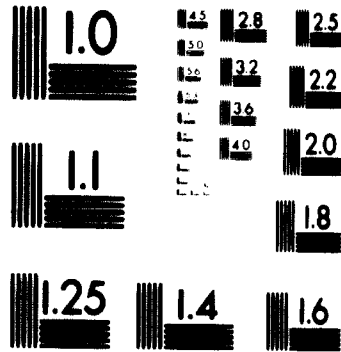
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS
STANDARD REFERENCE MATERIAL 1010a
(ANSI and ISO TEST CHART No. 2)

15004

1985

Sensi, P.

UNIDO

(R) ALGERIA. PRODUCTION OF BULK ANTIBIOTICS. TECHNICAL REPORT.

UC/ALG/85/062

Vienna, 1985. 18 p. tables.

UNIDO-UNIDO/IO/R.180

<UNIDO pub>. <Expert report> on potential production of <antibiotics> in <Algeria> - covers (1) development of antibiotics and recent <trends>; important new products; use of <fermentation> process and of <synthetic> products (2) the use of antibiotics in Algeria (3) an antibiotics industry based on <biotechnology> (4) possibilities for production of antibiotics in a plant at Medea; requirements (5) a programme for bulk production to meet Algerian needs. <Recommendations>. Additional reference: <microbiology>. <Restricted>.

ENGL

35.60

15005

1985

Fujita, S.

UNIDO

(R) ALGERIA. OPPORTUNITIES FOR PRODUCTION OF CONDOMS. TECHNICAL REPORT.

UC/ALG/85/062

Vienna, 1985. 22 p. tables, diagrams.

UNIDO-UNIDO/IO/R.181

<UNIDO pub>. <Expert report> on <development potential> of <contraceptives> production (condoms made from natural <rubber> <latex>) in <Algeria> - covers (1) <import> and <distribution> of condoms (2) problems and <capital costs> of condom production (3) <packaging> of condoms (4) request and receipt of condoms from <aid institutions>; <quality control>. <testing> (5) international <standards>. <Statistics>. <specifications>. <recommendations>. Additional references <family planning>. <population>. <Restricted>.

ENGL

35.60

15006

1985

UNIDO

BALDO AND CO., MILAN

MEETING OF THE WORKING GROUP ON TRAINING IN AGRO-MACHINERY
AND MULTI-PURPOSE PLANTS, ROSARIO, ARGENTINA, 1985
REPORT OF A SURVEY OF TRAINING NEEDS AND CAPABILITIES IN
SELECTED DEVELOPING COUNTRIES.

Vienne, 1985. 33 p. tables.

UNIDO-ID/WG 451/1

<UNIDO pub> on <training> needs and capabilities in
<agricultural machinery> industries in selected
<developing countries> - covers (1) <survey> conducted;
<survey method> (2) training needs with regard to:
<engineering design>, <machinery> <testing>, <maintenance
and repair> of <equipment>; <quality control>; <technical
personnel> and <skilled workers> (3) <training centres>
and programmes available in <Argentina>, <Bangladesh>,
<Syria>, <Sudan> and <Tanzania>. <Recommendations>.

ENGL

37.20

15007

1985

Jacobsson, Staffan

UNIDO

INTERNATIONAL TRENDS IN THE MACHINE TOOL INDUSTRY -
IMPLICATIONS FOR ARGENTINA.

Vienne, 1985. 49 p. tables, graphs.

UNIDO-UNIDO/IS 565

<UNIDO pub> on <structural change> in the <machine tool
industry>, with special reference to implications for
<Argentina> - covers (1) size and structure of the
industry (internationally); <world production> and <trade>
in <machine tools> (2) recent <trends>; <product mix>; the
barriers to entry (3) the case of CNC <lathes> (4) the
industries in Taiwan and in <Korea R>; <government
policy>s (5) <industrial policy> for the <automatic
control> machine tool industry in Argentina; conventional
machine tools <Statistics>, <bibliography>.

ENGL

37.10

15008

1985

Gitopadmojo, Ismingsih

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES BEIJING, 1985

THE DEVELOPMENT OF THE MAN-MADE FIBRES MANUFACTURED IN
INDONESIA.

Vienna, 1985. 15 p. tables.

UNIDO-ID/WG.445/3

<UNIDO pub> on the development of <manmade fibres> in
<Indonesia> - covers: fibre <consumption> on the basis of
Five Year Development Plans, beginning in 1969; the
<synthetic fibres> manufacturing; <research and
development>; activities of a <research centre> for
<textile industry>; <technical assistance>. <Statistics>.
<bibliography>.

ENGL

32.30

15009

1985

El Shazly, Abdel M.Y.

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BEIJING, 1985

POLYESTER INDUSTRY IN EGYPT.

Vienna, 1985. 6 p.

UNIDO-ID/WG.445/4

<UNIDO pub> on <polyester> industry in <Egypt> - covers
<production capacity>; <spinning>; <dyeing>
characteristics of <yarns>; <capital costs>; <quality
control>. Additional references: <synthetic fibres>.
<blending>.

ENGL

32.30

15010

1985

Chaudhry, M.H.

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BEIJING, 1985
MAN-MADE FIBRE INDUSTRY IN PAKISTAN.

Vienna, 1985. 10 p.

UNIDO-ID/WG 445/5

<UNIDO pub> on <manmade fibres> industry in <Pakistan> - covers background of synthetic fibres development; the <synthetic fibres> industry; the use of <polyester>-viscose blends; establishing polyester-<cotton> blends, plans for a synthetic fibres <development centre>. Additional references: <market>, <employment>, <textile industry>, <blending>.

ENGL

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15011

1985

Earthayapan, Manus

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BEIJING, 1985
THE SITUATION OF THE MAN-MADE FIBRE INDUSTRY IN THAILAND

Vienna, 1985. 7 p. tables.

UNIDO-ID/WG 445/6

<UNIDO pub> on <manmade fibres> industry in <Thailand> - covers <production capacity>; the <demand> for man-made fibre products; the major <export> <market>, <textile industry>'s' problems. Production <statistics>.

ENGL

32 30

15012

1985

Hajisharifi, M.

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BEIJING, 1985
A REVIEW OF THE DEVELOPMENT OF MAN-MADE FIBRE PRODUCTION IN
IRAN

Vienna, 1985. 10 p. tables, graphs.

UNIDO-ID/WG 445/7

<UNIDO pub> on the development of <manmade fibres> production in <Iran> - covers: the <consumption> of <synthetic fibres> in Iran; the Aliaf and the the Polyacril Companies as main producers of synthetic fibres. Production <statistics>. Additional reference: <yarns>.

ENGL

32 30

15013

1985

Cortopassi, Mario Gilberto

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BEIJING, 1985
WORLD AND BRAZILIAN MARKET OF TEXTILE FIBRES EMPHASIZING THE
DEVELOPMENT OF MAN-MADE FIBRES AND POLYESTER.

Vienna, 1985. 34 p. tables, graphs, diagrams.

UNIDO-ID/WG 445/8

<UNIDO pub> on the <Brazil>ian and the <world market> of
textile fibres with special reference to <manmade fibres>
and <polyester> - covers (1) the <world consumption> of
textile fibres; the relevant development curve (2) the
world <synthetic fibres> production development; the fibre
<demand> <forecast> (3) the Brazilian textile fibres
<market> (4) Brazilian synthetic fibre <production
capacity> (5) textile polyester fibres in Brazil (6)
polyester <raw material>. Production <statistics>.
<Bibliography>.

ENGL

32.30

15014

1985

Bront, K.J.

UNIDO

(R) CHINA. MISSION TO THE SHENYANG INSTITUTE OF CHEMICAL
INDUSTRY. PESTICIDE DIVISION. TECHNICAL REPORT.

US/CPR/83/286

Vienna, 1985. 27 p.

UNIDO-UNIDO/IO/R.194

<UNIDO pub>. <Expert report> regarding assistance to a
<pesticides> <research centre> in <China> - covers (1)
progress in <research programmes> dealing with (a)
toxicology and pesticide synthesis (b) biological
screening and evaluation (2) experimental <chemicals> and
formulations (3) bioassay of <fungicides>, <insecticides>,
<herbicides> and plant growth regulators (4)
<fellowships>, <equipment>, buildings, <management> (5)
visit to an <agriculture> college. <Recommendations>.
Additional references: <toxicity>, <product safety>.
<Restricted>.

ENGL

35.40

15015

1985

UNIDO

TIMBER RESEARCH AND DEVELOPMENT ASSN., UK
EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985
TIMBER STRESS GRADING: RECOMMENDATIONS FOR NATIONAL TRAINING
PROGRAMMES AND QUALITY ASSURANCE.

Vienna, 1985. 9 p.

UNIDO-ID/WG 447/1

<UNIDO pub> on <training programmes> and <quality control>
for <timber> stress <grading> - covers: establishment of
an inspection agency; <training>; internal quality
control; surveillance of visual stress grading. Additional
reference: <wood technology>, <construction industry>.

ENGL

32 10

15016

1985

UNIDO

CONSULTATION ON THE PETROCHEMICAL INDUSTRY, 3RD, VIENNA, 1985
RESEARCH AND DEVELOPMENT IN THE PETROCHEMICAL INDUSTRY IN
DEVELOPING COUNTRIES. ISSUE NO. 3.

- LA INVESTIGACION Y EL DESARROLLO EN LA INDUSTRIA
PETROQUIMICA DE LOS PAISES EN DESARROLLO TEMA NUM. 3.

Vienna, 1985. 23 p.

UNIDO-ID/WG 448/1

<UNIDO pub> on <research and development> in the
<petrochemical industry> in <developing countries> -
covers (1) background; <organizational aspects> of R & D
(2) development pattern of <technological change> and
<diversification>; <location of industry>; the role of the
<public sector>; additional R & D expenditures with a view
to increasing <energy saving> and <raw material>s
efficiency (3) reorientation of corporate R & D strategies
in the <chemical industry>; (5) DCs' autonomous technology
in <petrochemicals>; options; issues.

ENGL FREN SPAN CHIN

35 10

15017

1985

UNIDO

CONSULTATION ON THE PETROCHEMICAL INDUSTRY, 3RD, VIENNA, 1985
LONG TERM ARRANGEMENTS FOR THE DEVELOPMENT OF THE

- PETROCHEMICAL INDUSTRY IN DEVELOPING COUNTRIES. ISSUE NO. 1.
- ARRANGEMENTS A LONG TERME POUR L'EXPANSION DE L'INDUSTRIE
PETROCHIMIQUE DANS LES PAYS EN DEVELOPPEMENT. DOCUMENT
THEMATIQUE, QUESTION NO. 1.
- DISPOSICIONES A LARGO PLAZO PARA EL DESARROLLO DE LA
INDUSTRIA PETROQUIMICA EN LOS PAISES EN DESARROLLO.
DOCUMENTO DE DEBATE, CUESTION NUM. 1.

Vienna, 1985. 10 p.

UNIDO-ID/WG. 448/2

<UNIDO pub> on <petrochemical industry> in <developing
countries> - covers (1) background (2) world <supply> and
<demand> of <petrochemicals> (3) <survey> of <joint
venture> arrangements in the petrochemical industry (4)
<ECDC>; <global level> <cooperation> in petrochemicals.

ENGL FREN SPAN RUSS

35.10

15018

1985

Monkiewicz, Jan

UNIDO

MULTINATIONAL PRODUCTION ENTERPRISES: A PRELIMINARY OVERVIEW.

Vienna, 1985. 145 p. tables.

UNIDO-UNIDO/PC. 121

<UNIDO pub>. <Expert report> on multinational <industrial
enterprise>s (reference: <transnational corporations>) -
covers (1) the concept of multinational enterprise;
polycentric control of economic activity (as opposed to
polycentric organization) (2) direct <foreign investment>
flows among <developing countries> (3) the multinational
production enterprises of DCs (MPEDCs): the role of the
<public sector>; <technology>; <labour intensive>;
<market> orientation; <legal aspects>; <organizational
aspects> (4) internationalization of production process of
DCs: <investment promotion>; comparative advantages;
barriers (5) <regional level> potentials for MPEDs with
special reference to projects in <East> <Asia>n countries.
Additional reference: <ECDC>. <Statistics>.

ENGL

21.30

15019

1985

Wroe, Ivan

UNIDO

BANGLADESH. VISIT TO THE COLLEGE OF TEXTILE TECHNOLOGY,
DHAKA. TECHNICAL REPORT.

DP/BGD/82/047

Vienna, 1985. 52 p. tables.

UNIDO-DP/ID/SER A/647

<UNIDO pub>. <Expert report> on assistance to a
<technological institute> serving the <textile industry>
in <Bangladesh> - covers (1) administration and
organization of the College of Textile Technology (2)
college-industry relationships (3) development of
<training programmes>; <staffing policy and <training>
(4) <equipment> and <machinery>; the college library (5)
inter-college <cooperation>. <Recommendations>. <job
description>. <project document>. lists of required
equipment and <documentation>. Additional reference:
<industry and higher education>.

ENGL

32.30

15020

1985

Sulc, V.K.

UNIDO

MECHANICAL PROPERTIES OF COCONUT PALM WOOD. TECHNICAL REPORT.
DU/RAS/81/110

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

UNIDO-DP/ID/SER A/648

<UNIDO pub>. <Expert report> on the mechanical properties
of <coconut palms> wood (reference: <wood technology>) -
covers (1) <testing> conducted on the <tree species> cocos
nucifera at a <coconuts> <research centre> in the
<Philippines> to determine mechanical properties of such
<wood> for use in <construction industry> and with an aim
to develop stress <grading> <classification> (2) details
of tests regarding standard small specimen, full size
specimen and full size joint specimen. Process
<statistics>. <bibliography>. <diagram>.

ENGL

32.10

15021

1985

Sulc, V.K.

UNIDO

THE GRADING OF COCONUT PALM SAWN WOOD. TECHNICAL REPORT.

DU/RAS/B1/110

Vienna, 1985. vii, 29 p. tables.

UNIDO-DP/ID/SER.A/649

<UNIDO pub>. <Expert report> on the <grading> of sawn <wood> from <coconut palms> - covers (1) strength grouping and stress grading of such wood for potential utilization by the <construction industry> (2) existing strength grouping systems in <Australia> and <Philippines> (3) coconut palm wood <classification>; <classification for joint design. Process <statistics>, <bibliography>. Additional reference: <wood technology>.

ENGL

32.10

15022

1985

Sulc, V.K.

UNIDO

GRADING RULES FOR COCONUT PALM SAWN WOOD. TECHNICAL REPORT.

DU/RAS/B1/110

Vienna, 1985. vii, 44 p. tables, graph, diagrams.

UNIDO-DP/ID/SER.A/650

<UNIDO pub>. <Expert report> containing <methodology> for <grading> of sawn <wood> from <coconut palms> - covers (1) grading rules and methods of density grouping (2) visual grading for defects in wood intended for structural use; sizes and tolerances for unseasoned wood; <definition>s and measurement of defects; grade limits; sawn boards; durability; <wood preserving>, etc. (3) illustrations and measurement of defects. <Bibliography>, <diagram>s, process <statistics>. Additional references: <building materials>, <pest control>, <joinery>.

ENGL

32.10

15023

1985

UNIDO

EXPERT GROUP MEETING ON INTERNATIONAL CO-OPERATION ON
PETROCHEMICALS, VIENNA, 1985

REPORT (CO-OPERATION ON PETROCHEMICALS)

Vienna, 1985 20 p tables

UNIDO-UNIDO/PC 124

<UNIDO pub> <Report> of a <meeting> on international
<cooperation> with regard to <petrochemical industry> -
covers (1) co-operation at the <enterprise> level;
<marketing> of <petrochemicals>; <technical assistance>
and <industrial services>; <technology transfer>; <joint
venture>s (2) co-operation at the <national level> and the
international level; <government policy>s.
<Recommendations>. <list of participants>. tables.

ENGL

35.10

15024

1985

UNIDO

CONSULTATION ON THE PETROCHEMICAL INDUSTRY, 3RD, VIENNA, 1985
DEVELOPING COUNTRIES' TECHNOLOGICAL CAPABILITIES IN
PETROCHEMICALS.

Vienna, 1985 42 p tables.

UNIDO-UNIDO/PC 125

<UNIDO pub> regarding work on a <directory> of
<technology> capabilities in <developing countries> in the
field of <petrochemical industry> - gives information on a
<UNIDO> project, its status, proposed future work.
Annexes: <questionnaire> used for <data collecting>;
sample country data sheets, sample lists of <supply> firms.

ENGL

35.10

15025

1985

Kumar, Suresh

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BEIJING, CHINA,
1985

MAN-MADE FIBRE INDUSTRY IN INDIA.

Vienna, 1985. 7 p. tables.

UNIDO-ID/WG 445/9

<UNIDO pub> on <manmade fibres> <textile industry> in
<India> - covers (1) art <silk> <weaving>; <spinning>
units; <cellulose> fibres and <yarns> <production
capacity>; <synthetic fibres> (2) <import>s; <knitting>
units; yarn processing units; relevant <industrial policy>
(3) <research centre>s (4) import <tariffs>; market
<prices>. <Statistics>. Additional reference: <clothing>

ENGL

32 30

15026

1985

UNIDO

TIMBER RESEARCH AND DEVELOPMENT ASSOCIATION

EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985

TIMBER STRESS GRADING. ANALYSIS OF EXISTING TIMBER STRENGTH
GROUPING AND STRENGTH CLASSIFICATION SYSTEMS.

Vienna, 1985. 27 p. tables, graphs

UNIDO-ID/WG 447/2

<UNIDO pub> on <timber> stress <grading> - covers (1)
strength grouping according to <tree species> involved (2)
existing strength grouping systems and <standards> in
<Australia>, <UK>, <Philippines> and <South America> (3)
<classification> into grade classes <Statistics>,
<recommendations>, <bibliography> Additional references,
<tropical timber>, soft<wood>, hardwood

ENGL

32 10

15027

1985

UNIDO

WORKSHOP ON MAINTENANCE AND PLANT INSPECTION IN PETROLEUM
REFINERIES, VIENNA, AUSTRIA

REPORT (WORKSHOP ON MAINTENANCE IN PETROLEUM REFINERIES)

Vienna, 1985 23 p

UNIDO-UNIDO/IO 622

<UNIDO pub> <Report> of a <meeting> on <maintenance and
repair> in <petroleum refinery>s - covers (1) background
of the workshop (2) programme and summaries of lectures
(3) proceedings of an experience exchange group <List of
participants>, <recommendations> Additional references
<equipment>, plant inspection, <instruments>, <corrosion>

ENGL

34 40

15028

1985

Alauddin, M.

UNIDO

(R) ZAMBIA. PRODUCTION OF ORAL REHYDRATION SALTS. GENERAL
PHARMACEUTICAL LIMITED. TERMINAL REPORT

US/ZAM/82/137

Vienna, 1985 47 p tables, diagrams

UNIDO-UNIDO/IO/R 196

<UNIDO pub> <Final report> regarding planned production
of oral rehydration <salt>s (ORS) by <pharmaceutical
industry> in <Zambia> - covers (1) a project to make ORS
available at a reasonable price in order to improve
primary <health service> programmes (2) <technical
assistance> given with regard to <factory> design,
<equipment>, <packaging> <raw material>s, <costs>,
<training>, preparation of a <handbook>, etc
<Recommendations>, <factory layout>, <project document>
Additional references <glucose>, <sodium> <chloride>,
<potassium> chloride <warehouse> <Restricted>

ENGL

35 60

15029

1985

Larsen, Hans J

UNIDO

EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985
INTERNATIONAL STANDARDS RELATED TO TIMBER CONSTRUCTION
(ISO/TC 165)

Vienna, 1985, 10 p, tables, diagram.

UNIDO-ID/WG 447/3

<UNIDO pub> on international <standards> related to
<timber> used in <construction industry> - covers (1)
<testing> standards (2) material and product standards
structural grouping, <grading> and finger-jointing;
standards for glued laminated timber (3) design standards
(4) standards for <developing countries>. Annexes list of
contents of a draft for an <ISO> standard on design of
timber structures. <Diagram>. Additional references. <wood
technology>. <building design>.

ENGL

32 10

15030

1985

UNIDO

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 10TH,
CAIRO, 1985

ANNOTATED PROVISIONAL AGENDA. (MEETING ON TECHNOLOGY TRANSFER
REGISTRIES)

- PROGRAMA PROVISIONAL ANOTADO. (REUNION SOBRE REGISTRO DE
TRANSFERENCIA DE TECNOLOGIA)

Vienna, 1985, 7 p.

UNIDO-ID/WG 454/1

<UNIDO pub> Annotated <agenda> for a <meeting> regarding
<technology transfer> registries - covers items to be
discussed with reference i.a. to <TIES>. <information
system>s. <information exchange>. <contract> arrangements,
and <training>

ENGL SPAN

24 30

15031

1985

UNIDO

(R) INFORMATION PAPER COMPUTERIZED REGISTRY INFORMATION SYSTEM (CORIS)

Vienna, 1985 77 p.

UNIDO-UNIDO/IS/R 18

<UNIDO pub> on a computerized <information system> serving <technology transfer> registries in providing access to <contract>s - (1) describes the CORIS system and its components (2) covers main functions: <evaluation> of agreements, generation of statistics, monitoring of implementation, and <information exchange> through <TIES> (3) provides information on hardware and <computer programmes> <Restricted>.

ENGL

24 30

15032

1985

Middlebrooks, E Joe

UNIDO

ENVIRONMENTAL STUDY OF THE PETROCHEMICALS INDUSTRY.

Vienna, 1985 157 p tables, diagrams.

UNIDO-UNIDO/IS 568

<UNIDO pub> on <environment>al implications of the <petrochemical industry> - covers (1) the industry, its processes and <industrial wastes> (2) <air pollution> (3) <water pollution>, wastewater streams and characteristics, <effluent treatment>; <case study>s; <economic aspects> (4) solid <waste disposal> (5) disposal of hazardous wastes (6) the industry in <developing countries> (7) <energy saving> and <pollution control>. <Flow chart>s, <statistics>, <glossary>, extensive <bibliography>.

ENGL

35 10

15033

1985

Metzsch, F von

UNIDO

(R) SRI LANKA ESTABLISHMENT OF A CERAMIC RESEARCH AND
DEVELOPMENT LABORATORY CURRENT STATUS OF PROJECT
ACTIVITIES

US/SRL/78/207

Vienna, 1985 56 p

UNIDO-UNIDC/IO/R 197

<UNIDO pub> <Expert report> on assistance to a <ceramics>
<laboratory> in <Sri Lanka> - covers (1) <equipment>
installation and use, <research and development>
activities, <industrial services> provided (2)
<maintenance and repair>, <training assistance>,
<organizational aspects> <Restricted>

ENGL

33 30

15034

1985

Dean, D A

UNIDO

(R) ALGERIA OPPORTUNITIES FOR PLASTIC MATERIALS IN THE
ALGERIAN PHARMACEUTICAL INDUSTRY. TECHNICAL REPORT

UC/ALG/85/062

Vienna, 1985 113 p, tables

UNIDO-UNIDO/IO/R 179

<UNIDO pub>. <Expert report> on potential production of
<plastics> <packaging> materials for <pharmaceutical
industry> in <Algeria> - covers (1) background
information; physical and chemical properties of plastics,
<supply> aspects (2) <development potential> in Algeria;
pharmaceutical products; types of plastic packaging; shelf
life (3) amounts of plastics required; production of
<containers>, required <capital investment>; <economic
aspects> (4) pharmaceutical clearance and <quality
control> for plastic packaging. <Bibliography>,
<specifications>, <standards>. <Restricted>.

ENGL

27 30

15035

1985

Eriksson, S A

UNIDO

(R) ALGERIA OPPORTUNITIES FOR PRODUCTION OF INTRAUTERINE DEVICES (IUDs) TECHNICAL REPORT

UC/ALG/85/062

Vienna, 1985 27 p tables graphs diagrams

UNIDO-UNIDO/IO/R 182

<UNIDO pub> <Expert report> on setting up production of intrauterine <contraceptives> devices (IUD) in <Algeria> - covers (1) background information, implications of IUDs (made of <polyethylene> and <copper> wire) for <family planning> (2) facilities for production of IUD, <factory>, <equipment>, estimated <costs> for setting up a production unit (3) <raw materials>, <quality control> <Diagram>s, <statistics> Additional references <health>, <plastics>, <packaging> <Restricted>

ENGL

35 60

15036

1985

Anand, Nitya

UNIDO

(R) ALGERIA RESEARCH AND DEVELOPMENT OF PHARMACEUTICALS TECHNICAL REPORT

UC/ALG/85/062

Vienna, 1985 46 p

UNIDO-UNIDO/IO/R 183

<UNIDO pub> <Expert report> regarding <research and development> for the <pharmaceutical industry> in <Algeria> - covers (1) pharmaceutical policy and <planning> (2) existing R & D, <laboratory>s, the Medea <factory> producing <antibiotics> and <vaccines> (3) availability of scientists and <technical personnel> (4) <pharmaceuticals> production (5) proposed <research centre>s (6) phasing of the R & D programme Lists required <instruments>, <staff>, <equipment> and <documentation> <Bibliography> <Restricted>

ENGL

35 60

15037

1985

Mesáros, O.

UNIDO

(R) INTEGRATED DEVELOPMENT OF THE IRON AND STEEL INDUSTRY AND THE CAPITAL GOODS INDUSTRIES. CASE STUDY CZECHOSLOVAKIA
Vienna, 1985. 21 p. tables, graph.

....

<UNIDO pub>. <Expert report> regarding integrated development of the <iron and steel industry> and the <capital goods> industries in <Czechoslovakia> - covers (1) historical background (2) present state, <development potential> and special features of the iron and steel industry (3) <interindustry relations> (with other sectors) (4) relevant foreign <trade> (5) integrational <industrial policy>s (6) alternative <choice of technology>. <Recommendations>. <statistics> Additional references: <metal products>, <export> <Restricted>

ENGL

36.10

15038

1985

UNIDO

INDUSTRY IN THE 1980s. STRUCTURAL CHANGE AND INTERDEPENDENCE

- L'INDUSTRIE DANS LES ANNEES 80: CHANGEMENT STRUCTUREL ET INTERDEPENDANCE.

- LA INDUSTRIA EN EL DECENIO DE 1980: CAMBIOS ESTRUCTURALES E INTERDEPENDENCIA.

Vienna, 1985. xii, 231 p. tables, graphs

UNIDO-ID/331

UN-E.85.II.B.8

<UNIDO pub>. <Industrial development survey> with special reference to <structural change> and interdependence - covers (1) global distribution of <manufacturing>; the degree of <industrialization>; manufacturing <value added> (2) world <trade> and <consumption> patterns in manufactures patterns of comparative advantage <technology> and <north-south> trade, <employment> and <productivity>, <skills> intensity in <developed countries> and <developing countries> (3) industrial conditions in the <least developed countries> (4) the evolution of <agriculture> and <food> systems in developed <market economy>s and in DCs. <Statistics>

ENGL FREN SPAN

14.60

15039

1985

Bulka, D
Gado, P
Solyman, K
Tomcsanyi, L

UNIDO

BAUXITE TESTING LABORATORIES

Vienna, 1985 xi, 71 p tables, diagrams, illus

UNIDO-ID/316

<UNIDO pub> on <bauxite> <testing> <laboratory>s - covers (1) world reserves and utilization (2) functions and establishment of bauxite testing laboratories, required units (3) <equipment> and <staff> requirements, laboratory layouts, <training>, <costs>. Annexes <technical information> on various types of tests and <chemical analysis> and tests Process <statistics>, <diagram>s, <flow chart>s, illustrations. Additional references: <mineral resources>, <mining>, <research>, <pilot plant>.

ENGL

36 20

15040

1985

Szava, I.

UNIDO

VIETNAM PILOT PRODUCTION OF MEDICINES LAYOUT AND BUILDING REQUIREMENTS FOR THE PILOT PLANT TECHNICAL REPORT

DP/VIE/80/032

Vienna, 1985 20 p diagrams

UNIDO-DP/ID/SER A/653

<UNIDO pub> <Expert report> on a <pilot plant> for production of <pharmaceuticals> in <Vietnam> - covers (1) background information, existing buildings and facilities of a <research centre> in Hanoi (2) layout and building requirements for the proposed pilot plant, including <laboratory>s <Recommendations>, <factory layout>

ENGL

35 60

15041

1985

Cody, D.

Laakso, T.

UNIDO

(R) ARGENTINA FIRST LATIN AMERICAN CONGRESS OF FURNITURE
PRODUCTION AND DESIGN. TERMINAL REPORT.

SI/ARG/85/801

Vienna, 1985. 10 p.

UNIDO-DP/ID/SER.B/511

<UNIDO pub> <Final report> regarding <meeting> on
<furniture> production and design in <Latin America> -
covers (1) background of the conference held in Buenos
Aires (2) working groups; lectures delivered (3) an
Argentine furniture <trade fair> (4) the current status of
the industry in <Argentina> (5) <product design>
<training> (6) need for a <regional> <manufacturers
association>. <Job description>s <Restricted>

ENGL

32.20

15042

1985

UNIDO

CONSULTATION ON THE PETROCHEMICAL INDUSTRY. 3RD. VIENNA, 1985
CURRENT WORLD SITUATION IN PETROCHEMICALS

Vienna, 1985. vi, 94 p. tables, graphs.

UNIDO-UNIDO/PC.126

<UNIDO pub> <Global study> of <petrochemical industry> -
covers (1) <trends> in <developed countries> and
<developing countries>; <feedstocks>; <basic
<petrochemicals>; <plastics>; <synthetic fibres>;
<synthetic rubber> (2) <supply and demand> (3) <production
capacity>s in <Africa>, <Asia>, <Latin America>, and the
<Middle East>. <Statistics>. notes. Additional references
<ethylene>, <propylene>, <benzene>, <methanol>;
<polyethylene>, <polyvinyl chloride>, <polypropylene>;
<polystyrene>.

ENGL

35.10

15043

1985

Schindlbauer, H.

UNIDO

NEW TRENDS IN PETROCHEMICAL RESEARCH AND DEVELOPMENT

SECTORAL WORKING PAPER SERIES NO 38

Vienna, 1985 v. 53 p diagrams

UNIDO-UNIDO/IS 576

<UNIDO pub> on new <trends in research and development> concerning <petrochemicals> - covers (1) background information (2) process and product R & D regarding (a) <hydrocarbons> and other feedstocks (b) primary petrochemicals (3) reactions and reactors, <catalyst>s, separation techniques (4) technical background <process control>, prefabrication (5) R & D strategies for various categories of <developing countries> <Diagram>s, <flow chart>s Additional references <coal>, <biomass>, <ethanol>, <methane>, <aromatics>, <plastics>, <synthetic fibres>

ENGL

35 30

15044

1985

Cieslik Jerzy

UNIDO

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 10th, CAIRO, 1985

GUIDELINES FOR THE EVALUATION OF CONTRACTUAL ARRANGEMENTS IN THE HOTEL INDUSTRY IN DEVELOPING COUNTRIES

Vienna, 1985 11, 43 p tables

UNIDO-UNIDO/IS 578

<UNIDO pub> <Expert report> containing guidelines for <evaluation> of <contracts> in the <hotel> industry in <developing countries> - covers (1) a <survey> of contractual arrangements, an approach to <classification> (2) scope of services rendered by the foreign partner (3) control of hotel operations (4) remuneration to the foreign partner (5) duration and extension of <management> agreements in the industry Additional references: <technology, transfer>, <technical assistance>, <profit sharing>

ENGL

39 30

15045

1985

UNIDO

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 10TH,
CAIRO, 1985

TRENDS IN TECHNOLOGY TRANSFER FLOW. PRELIMINARY VERSION

Vienna, 1985. 44 p. tables, graphs.

UNIDO-ID/WG.454/5

<UNIDO pub> on <trend>s in <technology transfer> flow - covers (1) <technology> (2) concept and process of technology transfer (3) transfer channels as reflected in existing <legislation> (4) technology transfer: aspects of <competition>, <regulations> and unpackaging (5) intellectual property legislation, <taxation>, technology transfer flows. <Statistics>, <bibliography>. Additional references: <knowhow>, <innovation>.

ENGL

24.30

15046

1985

Mead, Donald C.

UNIDO

(R) SUBCONTRACTING SYSTEMS IN BANGLADESH.

Vienna, 1985. 51 p.

....

<UNIDO pub>. <Expert report> on <subcontracting> in <Bangladesh> - covers (1) current practices in the fields of <metal products>, <clothing> and <leather> <shoes>; reasons for engaging in subcontracting, problems (2) relevant <industrial policy> issues (3) implications of various <industrial projects>; arranging for linkages between <industrial enterprises>; <technical assistance>, <financing>. Additional reference: <small scale industry>. <Restricted>.

21.50

15047

1985

Gutkowski, Richard M

UNIDO

EXPERT GROUP MEETING ON TIMBER CONSTRUCTION, VIENNA, 1985

INITIATIVES TO REINTRODUCE TIMBER BRIDGES IN THE UNITED STATES OF AMERICA.

Vienna, 1985 13 p

UNIDO-ID/WG 447/5

<UNIDO pub> on reintroduction of <timber> <bridges> in the <USA> - covers (1) the national bridge inventory process (2) condition of timber bridges on national <roads> and in national forests (3) inspection, <maintenance and repair> activities (4) <technology transfer> in this field (5) Pennsylvania standard low-cost bridges (6) bridge requirements in <rural areas>. <Bibliography> Additional references. <costs>, <construction industry>

ENGL

39 20

15048

1985

Hague, Don A.

UNIDO

CHINA GARMENT TECHNOLOGY DEVELOPMENT CENTRE. PREPARATORY

ASSISTANCE MISSION TECHNICAL REPORT

DP/CPR/85/055

Vienna, 1985 10 p

UNIDO-DP/ID/SER A/656

<UNIDO pub> <Expert report> on assistance to <clothing> technology <development centre> in <China> - covers: project background; <factory> visits; major problems encountered with regard to <factory organization>, production lines, <equipment>, quality, <waste utilization>, <product design>, etc <Recommendations>.

ENGL

32 30

15049

1985

McCusker, Karen

UNIDO

UNCTAD

TARIFF AND NON-TARIFF MEASURES IN THE WORLD TRADE OF
PETROCHEMICAL PRODUCTS. SECTORAL WORKING PAPER SERIES NO.
37.

Vienna, 1985 iv, 23 p. tables

UNIDO-UNIDO/IS 573

<UNIDO pub> on world <trade> in <petrochemicals> - covers
(1) recent changes in such trade (2) <trade barriers> in
the <petrochemical industry>, considering <tariffs> and
non-tariff measures (3) potential trade expansion effects
from <trade liberalization> (4) <UNCTAD> <trade policy>
simulation <models> Conclusions. <statistics>.

ENGL

35 10

15050

1985

UNIDO

SYMPOSIUM ON BLOOD AND ITS DERIVATIVES, CARTAGENA, COLOMBIA,
1984

REPORT (SYMPOSIUM ON BLOOD AND ITS DERIVATIVES).

Vienna, 1985 19 p.

UNIDO-UNIDO/IO 620

<UNIDO pub>. <Report> of a <meeting> on <blood> and its
derivatives with special reference in <Latin America> -
covers (1) blood transfusion situation, ethical aspects
(2) industrial aspects of blood transfusion (3) plasma
fractionation and use of blood derivatives (4) <social
aspects> and <economic aspects> of blood transfusion (5)
the Cartagena plan of action. Gives summaries of
discussions. Additional references. <pharmaceutical
industry>. <vaccines>. <health service>

ENGL

35 60

15051

1985

Falaschi, Arturo

UNIDO

(R) THE ROLE OF THE NATIONAL RESEARCH COUNCIL OF ITALY IN
GENETIC ENGINEERING AND BIOTECHNOLOGY

Vienna, 1985 12 p.

<UNIDO pub> <Expert report> on the role of a national
<research centre> in <Italy> in the field of <genetic
engineering> - briefly describes (1) <administrative
aspects> and <organizational aspects> of the National
Research Council, its activities in promotion of projects
(2) recent and current <research programmes>. Additional
reference: <biotechnology>. <Restricted>.

ENGL

35 50

15052

1985

UNIDO

INDUSTRIAL CO-OPERATION THROUGH THE SOUTHERN AFRICAN
DEVELOPMENT COORDINATION CONFERENCE (SADCC).

Vienna, 1985 354 p tables.

UNIDO-UNIDO/IS 570

<UNIDO pub> on <regional cooperation> and <industrial
development> among Southern <Africa>n countries - covers
(1) the industrial structures in member countries (2)
primary and <manufacturing> resources; <trends> in
<industrial growth>, <supply and demand> and <trade> in
<consumer goods> (3) <raw material>s, <mineral resources>,
<agriculture>, <fish>, <energy>, <water> (4) <development
potential> through regional co-operation and co-ordination
of <information exchange> and services; <manpower>
<training>, <small scale industry>s, <foreign
investment>s, problems of <foreign exchange>; strategies
and <industrialization policy>s <Statistics>.

ENGL

15 20

15053

1985

Edwards, D.
Mallik, E.H.
UNIDO

(R) ETHIOPIA. HANDICRAFT AND SMALL SCALE INDUSTRY PROJECT
SECOND PHASE TERMINAL REPORT

DP/ETH/83/012

Vienna, 1985. tables

....

<UNIDO pub>. <Final report> on assistance to <handicraft> and <small scale industry> in <Ethiopia> - covers (1) assessment of <methodology> for <project selection> at handicraft and small scale industry <development centre> (Hasida); review of pertinent <documentation>, the <institutional framework> (2) preparation of project profiles in the context of <choice of product>, <market> potential, <production capacity>, processing methods, <raw materials>, <machinery> and <equipment>, <development personnel>, <location of industry>, <capital investment>; <computer> requirements <Recommendations>, <statistics> <Restricted>.

ENGL

21 40

15054

1985

Atkinson, R.R.
UNIDO

BANGLADESH. A MANUAL OF PROCESS QUALITY CONTROL IN JUTE
MANUFACTURE

DP/BGD/79/030

Vienna, 1985. 200 p tables, graphs, diagrams

UNIDO-DP/ID/SER A/644

<UNIDO pub> <Handbook> on development of <quality control> methods in <jute> manufacturing in <Bangladesh> - covers (1) manual on establishment of <quality standards> regarding <yarns>, cloth processing systems, <machinery> used (2) level of <workers> and <training> needs, <testing> and evaluation techniques, <laboratory> requirements and <equipment> (3) choice of <natural fibres> <process control> methods in carding, drawing, <spinning>, winding, <weaving>, <textile finishing>, quality assessment <Recommendations>, <statistics> Additional references: <bags and sacks>, waste control

ENGL

32 30

15055

1985

Barbier, Dominique

UNIDO

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

RAF/83/001

Vienna, 1985 3 vol (various pagings), tables

<UNIDO pub>. <Final report> on assistance to <West Africa>n <Development Bank> for <project evaluation> and promotion - covers (1) objectives and organization of the bank (2) <industrial promotion> and <financing> of <industrial study>s involving <rural development>, <regional cooperation> and utilization of <natural resources> (3) analysis of <methodology> for project identification, <feasibility study>s, study of <market>, <profitability>, <expert>s needed for <industrial programming> of an <industrial project>
<Recommendations>. <job description>s <Restricted>.

FREN

29 30

15056

1985

Hamid, Djurzan

UNIDO

(R) THE SITUATION OF THE ELECTRIC POWER EQUIPMENT INDUSTRY IN
INDONESIA

Vienna, 1985 57 p tables

<UNIDO pub>. <Expert report> on development of <domestic production> of <electric power> equipment in <Indonesia> - covers (1) historical background, existing power <equipment>, domestic <demand> supplied mainly by foreign products or by <assembling> of <imported components> (2) <government policy>s favouring <joint ventures>, <loan>s from <development bank>s and <developed countries>, <training programmes>, <technology transfer>, <standardization>, <tariffs>, <subcontracting>, linkages with <capital goods> industries, role of foreign and domestic <consultant>, electrification of <rural area>s <Recommendations>, <statistics> <Restricted>

ENGL

34 20

15057

1985

Afchain, Jean Paul

UNIDO

(R) HONGRIE. ETUDE SUR LA FABRICATION DES FILS CHIRURGICAUX, OBJETS DE PANSEMENT, PRODUITS DU COTON. RAPPORT TECHNIQUE. TF/HUN/84/001

Vienna, 1985 130 p. tables.

UNIDO-UNIDO/10/R 187

<UNIDO pub> <Expert report> on production of <cotton> gauze and surgical thread by <public enterprise> in <Hungary> (reference: <medical equipment>) - covers (1) the technology of production of <sheep> catgut, according to <standards> set by the <pharmaceutical industry>; modernization of an enterprise for <synthetic fibres>, <silk> and <linen> thread; <sterilization> problems and <equipment> requirements (2) guidelines for production of various kinds of hydrophilic cotton gauze; <quality control>, <raw materials>, <technical personnel>, <location of industry>, <packaging>; <development potential> and <export promotion>. <Recommendations>, <statistics>. <Restricted>.

FREN

37 50

15058

1985

Hoft, R G

UNIDO

(R) INDIA. EVALUATION OF SOLID STATE VARIABLE FREQUENCY AC MOTOR DRIVES FOR TRANSPORTATION TECHNICAL REPORT.

DP/IND/84/015

Vienna, 1985 40 p. graphs, diagrams.

UNIDO-DP/ID/SER A/634

<UNIDO pub> <Expert report> on the <evaluation> of solid state variable frequency motor drives for <transport> in <India> (reference: <motor vehicles>) - covers (1) lectures presented on topics relevant to variable frequency motor drives (2) the regenerative braking techniques for a 40 Kw <mining> <locomotives> inverter (3) harmonic currents and losses in inverter fed induction motors (4) the optimum scheme for transportation inverter-induction motor drives <Recommendations>. Additional references: <electric motors>, <electrical machinery>, <electrical engineering>, <mathematical analysis>. <Restricted>.

ENGL

38 20

15059

1985

Dewan, Satish

UNIDO

(R) RELIABILITY AND PROTECTION SYSTEMS FOR SMALL
HYDROELECTRIC POWER PLANTS. TERMINAL PAPER

Vienna, 1985. 116 p. diagrams, illus

<UNIDO pub>. <Expert report> on manufacture of protection systems for <hydroelectric power> equipment in <developing countries> - covers (1) basic circuit <diagram> of electrical and mechanical protection relay systems for small generators, protection <equipment> for <turbines>, generators, <transformers>, earthing systems for electrical installations (2) manufacturing in developing countries, <appropriate technology>, <choice of technology>, <machinery> requirements, <human resources> and <training programmes>, the importance of small power stations for <rural areas>, social and economic benefits with low <capital investment>, <standards>, international <specifications>, <standardization>, <Recommendations>, <bibliography>, <diagrams>, <glossary> <Restricted>.

ENGL

34 20

15060

1985

Sung, Jin Choi

UNIDO

GUIDELINES FOR THE FORMULATION OF NATIONAL INDUSTRIAL AND
TECHNOLOGICAL INFORMATION POLICIES

Vienna, 1985. 92 p.

<UNIDO pub> on guidelines for the formulation of national technological and <industrial information> policies with special reference to <developing countries> - covers (1) the role of information in industrial activities (2) the need for an industrial and technological information (ITI) policy <definition>, users, impact <legal aspects>, the present situation in DCs (3) formulation and implementation of ITI policy (4) problems of establishing an ITI-network (5) <training programmes>, <Bibliography>. Additional reference <industrial development>, <industrial services>, <technology transfer>.

ENGL

24.20

15061

1985

Ndlela, Daniel B.

UNIDO

PROSPECTS FOR AN INTEGRATED DEVELOPMENT OF THE IRON AND STEEL
INDUSTRY AND CAPITAL GOODS: EAST AND SOUTHERN AFRICAN
COUNTRIES.

Vienna, 1985 53 p tables

....

<UNIDO pub> on development of the <iron and steel
industry> and of <capital goods> in <East Africa> and
<Africa South of Sahara> - covers (1) the present state of
the industry in the said regions: production and
<production capacity>, <raw material>s, <coal> reserves,
<production statistics> (2) the <market> and <demand>
pattern of <iron> and <steel> products (3) factors
favouring the development of an iron and steel industry in
the region (4) the capital goods sector in the ESADC
countries, <transport> <equipment>, <motor vehicles> (5)
<planning> and co-ordination. Brief <bibliography>

ENGL

36 10

15062

1985

UNIDO

WORKSHOP ON THE PHARMACEUTICAL INDUSTRY FOR PROMOTING
TECHNICAL CO-OPERATION AMONG THE DEVELOPING COUNTRIES.
BEIJING AND HANG IOU, 1982

TECHNICAL PAPERS. PART TWO. (WORKSHOP ON THE PHARMACEUTICAL
INDUSTRY).

Vienna, 1985 70 p tables

UNIDO-UNIDO/IO 615

<UNIDO pub> on <TCDC> relating to traditional <medicinal
plants> and modern <pharmaceuticals> - covers (1) the
development of traditional medicine and its potential (2)
<government policy>s relating to national <health service>
(3) <research and development> on plant-derived
pharmaceuticals. Relevant country reports on <Bangladesh>,
<Burundi>, <Kenya>, <Malaysia>, <Nepal>, <Romania>, <Sri
Lanka>, <Tanzania>, <Turkey> and <Zambia>, including lists
of medicinal plants and related pharmaceuticals.
Conclusions. Additional references, <raw material>s,
<pharmaceutical industry>, <laboratory>s, <chemical
analysis>, <research>.

ENGL

35 60

15063

1985

Sparks, Donald L

UNIDO

THE WESTERN INDIAN OCEAN ISLAND STATES PROBLEMS AND PROSPECTS FOR UTILIZING MARINE RESOURCES AS A BASE FOR INDUSTRIAL DEVELOPMENT

Vienna, 1985 193 p tables maps

UNIDO-UNIDO/IS/REG/TMR

<UNIDO pub> <Expert report> on the utilization of marine <natural resources> in the Western Indian Ocean islands - covers (1) the importance of such resources in <island> development (2) <mineral resources>, <fishery>, <agriculture>, <energy>, shipping and <ports>, <tourism> (3) <economic structure>, <population> and <employment> (4) <development planning> and <government policy>s (5) prospects for better resource utilization Individual country reports on <Madagascar>, <Mauritius>, the <Comoro islands> the <Maldives> and <Seychelles> Extensive <bibliography>, <statistics>, <maps>

ENGL

11 20

15064

1985

Shah, Surendra P

UNIDO

(R) CHINA ASSISTANCE TO THE SHANGHAI RESEARCH INSTITUTE OF BUILDING SCIENCES FINAL REPORT

DP/CPR/81/026

Vienna, 1985 30 p

<UNIDO pub> <Final report> on assistance to a <research centre> for <building materials> in <China> with special reference to <concrete> - (1) presents general findings (2) appends summaries of lectures given. <Recommendations>. Additional reference <cement>, <aggregates> <Restricted>

ENGL

33 20

15065

1985

UNIDO

FLUOR ENGINEERS, USA

(R) INDIA. PREFEASIBILITY STUDY FOR THE PRODUCTION OF
SYNTHETIC OIL FROM COAL. FINAL REPORT

DP/IND/82/040

Vienna, 1985. 20 p. tables.

....

<UNIDO pub>. <Final report> on the feasibility of producing liquid <fuel>s from <coal> in <India> - covers (1) background of a project relevant to setting up a plant for production of diesel oil and <kerosene> based on coal <gasification> and synthesis of liquid products (2) project activities (3) study findings with regard to coal feedstock, process configuration, product quality and estimated <capital costs>. <Recommendations>. tables. <Restricted>.

ENGL

34.30

15066

1985

Kaufman, Steven

UNIDO

(R) SALES OF GENERIC DRUGS IN THE USA.

Vienna, 1985. 31 p. tables

....

<UNIDO pub>. <Expert report> on the <market> for generic <pharmaceuticals> in the <USA> - (1) describes background of medical and commercial problems in manufacture and use of generic drugs (2) relevant <regulations>. <marketing> (3) <import>s of pharmaceuticals (4) the top fifteen prescribed generic drugs in the US: brand name versus generic drugs; sales volume of generic drugs; retail and wholesale <prices> (5) <packaging> of pharmaceuticals <Statistics>. <bibliography>. <Restricted>.

ENGL

35.60

15067

1985

Leal da Silva, J.M.

UNIDO

(R) INTERRELATIONSHIP PAYMENTS AND GUARANTEES IN ENGINEERING AND CONSULTANCY AGREEMENTS.

Vienna, 1985 11, 17 p

<UNIDO pub>. <Expert report> on payments and guarantees in <engineering> and <consulting> <contracts> - covers (1) <definition> of engineering and consultancy <industrial services> provided within the context of <technology transfer>, the contractual framework (2) forms and methods of payments, <pricing> methods, the structure of <costs> (3) evaluation of personnel fees (4) evaluation of out of pocket expenses (subsistence, travel) Additional references <consultants>, <technical personnel> <Restricted>.

ENGL

13 30

15068

1985

Blackman, Susan

UNIDO

THE PRESENT SITUATION OF THE AGRICULTURAL MACHINERY INDUSTRY IN LATIN AMERICA

Vienna, 1985 v, 43 p tables

UNIDO-UNIDO/IS 581

<UNIDO pub> regarding the <agricultural machinery> industry in <Latin America> - covers (1) latest <structural change>s, domestic sales, foreign <trade> (2) exogenous factors, manufacturers response (3) outlook and <development potential> in the region with special reference to <Argentina>, <Brazil> and <Mexico> <Statistics> Additional references <government policy>, <tractors>

ENGL

37 20

15069

1985

UNIDO

TESCO, HUNGARY

(R) ETHIOPIA. TECHNICAL ASSISTANCE IN ELECTRIC ARC FURNACE
STEELMAKING. FINAL REPORT.

SI/ETH/84/801

Vienna, 1985. 90 p. diagrams.

.....

<UNIDO pub>. <Final report> regarding assistance to electric arc <steel> making in <Ethiopia> - covers (1) <metal scrap> <handling> practice (2) technology of steelmaking in the electric arc <furnace> (3) teeming of <ingots> (4) <refractory materials>, linings, <graphite> <electrodes> (5) operation of the furnace: <maintenance and repair> (6) <quality control> (7) <training> (8) establishment of a <metallurgy> <laboratory>. <Recommendations>, <diagram>s, <factory layout>. Additional references: <equipment>, <smelting>, <moulds>. <Restricted>.

ENGL

36.20

15070

1985

Lacey, James J.

UNIDO

(R) POLAND. LIQUEFACTION OF COAL. TECHNICAL REPORT

DP/POL/82/002

Vienna, 1985. 19 p.

.....

<UNIDO pub>. <Expert report> on assistance to production of liquid <fuel> from <coal> in <Poland> - covers (1) work done at a mining institute and a carbo-<chemistry> <research centre>, including advice given on technical problems of experimental units for direct coal <hydrogenation> (2) construction progress regarding coal <grinding>, slurry preparation, solids separation, etc <Recommendations>. Additional references: <equipment>, <pumps>. <Restricted>.

ENGL

34.30

15071

1986

Pugnire, R.J.

UNIDO

(R) CHINA. TECHNOLOGIES OF DIRECT COAL LIQUEFACTION.

TECHNICAL REPORT.

DP/CPR/80/048

Vienna, 1986. 10 p

.....

<UNIDO pub>. <Expert report> on assistance to a programme for producing liquid <fuel>s from <coal> in <China> - covers (1) visit to a national <research centre> and <laboratory>s; discussions held (2) lectures given regarding coal liquefaction technology with special reference to application of spectroscopy techniques. <Recommendations>. <Restricted>.

ENGL

34 30

15072

1985

Rastogi, Lakshmi N.

UNIDO

(R) DATA BASE OF COUNTRY INDUSTRIAL DEVELOPMENT REVIEW SERIES.

Vienna, 1985. 56 p. tables.

.....

<UNIDO pub>. <Expert report> regarding a proposed <data base> for <UNIDO>'s country <industrial development> review series - covers (1) features to be included; variables; <statistics>; period to be covered; currency of valuation; concept of <prices>, etc. (2) sources of data; international <data bank>s of relevance (3) <organizational aspects>. Annexes statistical tables of the data base. <Restricted>.

ENGL

01 30

15073

1985

Gal, A.

Lugosi, L.

UNIDO

(R) MADAGASCAR. PROGRAMME DE PRODUCTION DE VACCINS. RAPPORT
TECHNIQUE.

UC/RAF/83/088

Vienna, 1985. 41 p. tables, diagrams.

UNIDO-UNIDO/IO/R.202

<UNIDO pub>. <Expert report> regarding production of
<vaccines> in <Madagascar> - covers (1) <medium term>
programme for vaccine production and <quality control> (2)
the public <health> programme for vaccination; vaccines
required and in current use; possibilities of <domestic
production> in various <laboratory>s (3) epidemiological
data. <Recommendations>, <statistics>, <diagram>s,
<factory layout>. Additional references: <institutional
framework>, <import volume>, <immunization>. <Restricted>.

FREN

35 60

15074

1985

Szentpeteri, I.

UNIDO

(R) ALGERIE. CONCEPTION ET REALISATION D'UNITES DE PRODUCTION
PHARMACEUTIQUE. RAPPORT TECHNIQUE.

UC/ALG/85/062

Vienna, 1985. 46 p. tables, diagrams, illus.

UNIDO-UNIDO/IO/R.191

<UNIDO pub>. <Expert report> on establishing
<pharmaceutical industry> units in <Algeria> - covers (1)
project <engineering> aspects of plans for setting up
units, with special reference to standard modular
<factory>s and related facilities (2) detailed plans,
estimated <costs> of buildings and <equipment> (3)
<domestic consumption> of drugs; <supply and demand> (4)
visits to some <industrial enterprise>s. <Statistics>,
<factory layout>, <flow chart>s. Additional references:
<site assessment>, <quality control>, <factory
organization>. <Restricted>.

FREN

35 60

15075

1985

Ivanov, K.
Trannoy, R.

UNIDO

(R) ALGERIE. ETABLISSEMENT D'UN PLAN DIRECTEUR DE
DEVELOPPEMENT DE L'INDUSTRIE PHARMACEUTIQUE RAPPORT FINAL.
SOMMAIRE.

UC/ALG/85/062

Vienna, 1985. 72 p. tables, graphs, diagrams

UNIDO-UNIDO/IO/R.200

<UNIDO pub>. Summary of a <final report> regarding
development of the <pharmaceutical industry> in <Algeria> -
covers (1) <development plan> for an integrated
pharmaceutical industry for the next twenty years (2) the
existing situation in Algeria (3) measures required to
establish a national industry, <administrative aspects>,
<research and development>, project <engineering>,
<training> (4) <choice of products> (5) <factory layout>,
<choice of technology>, <production capacity>, ways to
meet <demand> for drugs (6) <economic analysis>, required
<capital investment>. Conclusions and <recommendations>,
<statistics>, <diagrams>. <Restricted>

FREN

35.60

15076

1985

Nestvold, Magne

UNIDO

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

RP/RAF/85/610

Vienna, 1985 29 p tables.

....

<UNIDO pub>. <Expert report> on the <leather industry> in
<Burkina Faso> - covers (1) estimated <livestock>, <hides
and skins> produced annually, <export> of various skins
(2) conditions in the leather sector, <tanning>
operations; <equipment> (3) manufacture of <shoes> and
other <leather goods> (4) problems of <raw materials>,
measures required for improvement of <leather> processing
<Recommendations>, <statistics>, <job description>
Additional references <cattle>, <sheep>, goats
<Restricted>.

FREN

32.40

15077

1986

Sayeed, M.

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

RP/RAF/85/627

Vienna, 1986 39 p tables, diagram

...:

<UNIDO pub> <Expert report> on assistance in setting up
<workshop>s required for production of <biomass> based
<renewable energy> in <Ethiopia> - covers <equipment>,
<machinery>, <tools> and <raw material>s required for
establishing workshops serving the <energy> sector.
<Recommendations>, <specifications>, <job description>,
<manning table>, list of equipment, <equipment costs>
Additional references: <measuring instruments>, <training
abroad>, <Restricted>

ENGL

25 10

15078

1985

Harrison, J. A.

UNIDO

(R) POLAND LIQUEFACTION OF COAL. TECHNICAL REPORT.

DP/POL/82/002

Vienna, 1985 27 p.

...:

<UNIDO pub> <Expert report> on assistance in the
production of liquid <fuel> based on <coal> in <Poland>,
with special reference to <measuring instruments> and
<process control> - covers (1) visits to a mining
institute and a <research centre> for carbo-<chemistry>
(2) discussions relating to instrumentation and control
(3) <industrial safety> aspects <Recommendations>
Additional references: <training>, <data recording>,
<valves> <Restricted>.

ENGL

34.30

15079

1985

Ben-Gera, I.

UNIDO

(R) CAPITAL GOODS IN FOOD-PROCESSING INDUSTRY. SELECTED MACHINERY AND EQUIPMENT APPROPRIATE TO DEVELOPING COUNTRIES IN THE GRAIN MILLING AND OILSEED PROCESSING SUBSECTORS. Vienna, 1985. 54 p.

<UNIDO pub> <Expert report> on <food technology> for <grain processing> and <vegetable oils> industry in <developing countries> - covers (1) <appropriate technology>s (a) for various stages in <oils and fats> processing (b) for <milling industry> with special reference to <wheat>, <rice> and <maize> (2) <factory> size, <energy saving>; types of <equipment> (3) problems affecting development of relevant <capital goods> industry. <Recommendations>. Additional references: <cereals>, <oilseeds>, <drying>, <storage>, <solvent>s, <training>, <knowhow> <Restricted>

ENGL

31 40

15080

1985

Zorge, Albert

UNIDO

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

RP/RAF/85/627

Vienna, 1985. 68 p. diagrams, illus.

<UNIDO pub> <Expert report> on assistance in development of <kiln>s suitable for obtaining <biomass>-based <renewable energy> in <Sudan> - covers (1) choice of required <equipment> (2) construction of a <prototype> and of the kiln itself (3) analysis of <cotton> stalks feedstock for the manufacture of <charcoal> (4) <testing> and demonstrations. <Recommendations>, <diagrams>, <bibliography>, illustrations. Additional references: <carbonization>, <stoves>, <agricultural wastes>. <Restricted>

ENGL

34 10

15081

1985

UNIDO

ESCWA

SILICON FOUNDRY AND DESIGN CENTRES IN THE ARAB REGION: ISSUES AND APPROACHES

Vienna, 1985. 58 p.

UNIDO-UNIDO/IS. 583

<UNIDO pub> on <development potential> of <integrated circuits> design and production in the <Arab countries> - covers (1) <microelectronics> facilities and capabilities in the <ECWA> (<ESCWA>) region (2) relevant <institutional framework> in nine countries; assessment of <factory>s and <research centre>s (3) <engineering design> and fabrication of customized integrated circuits; the <silicon> <foundry> approach (4) strengthening <knowhow> and technological capabilities. Additional references: <design centre>, <regional cooperation>, <semiconductor>s.

ENGL

38.20

15082

1985

UNIDO

BOLIVIA. INDUSTRIAL DEVELOPMENT REVIEW SERIES.

Vienna, 1985. 56 p. tables, graphs.

UNIDO-UNIDO/IS. 564

<UNIDO pub> on <industrial development> in <Bolivia> - covers (1) recent <trend>s; the <economic structure> (2) the <manufacturing> sector; <structural change>; <export> and <import>s; ownership and <investment> patterns (3) <industrial policy>s, <development planning>, <institutional framework> (4) <manpower>, <natural resources>, <energy>; problems of <financing>; <technical assistance> <Statistics>, <bibliography>, list of <industrial project>s.

ENGL

14.60

15083

1985

Dar, V.K.

UNIDO

WORKSHOP ON ACCELERATING GROWTH THROUGH CO-OPERATION IN
SELECTED INDUSTRIAL SECTORS IN THE DEVELOPING COUNTRIES OF
THE ESCAP REGION. BANGKOK, 1985
THE SITUATION OF SELECTED INDUSTRIAL SECTORS IN THE
DEVELOPING COUNTRIES OF THE ESCAP REGION. A SYNTHESIS PAPER.
Vienna, 1985. v. 101 p. tables.
UNIDO-UNIDO/IS 577

<UNIDO pub> regarding development in the sectors of
<capital goods>, <iron and steel industry>, <petrochemical
industry> and <wood processing> in the <ESCAP> region -
summarizes (1) main issues at the sectoral and <global
level> (2) relevant UNIDO studies (3) discussions held at
the Bangkok <meeting>. <Statistics>. Additional
references: <regional cooperation>, <production capacity>,
<trade>.

ENGL

14 60

15084

1985

Williams, Theodore J.

UNIDO

(R) INDIA. TECHNICAL REPORT: REVIEW OF THE APPROPRIATE
AUTOMATION PROMOTION PROGRAMME AND RELATED AUTOMATION
DEVELOPMENT ACTIVITIES IN INDIA.

DP/IND/82/034

Vienna, 1985. 46 p. tables.

<<UNIDO pub>. <Expert report> on an <automation> promotion
programme in <India> with special reference to <iron and
steel industry> - covers (1) the present status of the
<steel> industry project: the integrated control system
for steel <factory> (2) phased <project implementation>.
<Recommendations>. <bibliography>. <project document>.
Additional references <staff>. required <training>.
mathematical <models>. <information processing>.
<regulations>. <Restricted>.

ENGL

24 30

15085

1984

UNIDO

(R) MALAYSIAN INDUSTRIAL MASTER PLAN. FINAL REPORT
(ENGINEERING/MACHINERY INDUSTRIES, SHIPBUILDING INDUSTRY).
Vienna, 1984 3 vol (various pagings) tables.

<UNIDO pub> <Final report> on assistance to the
development of the <manufacturing> sector in <Malaysia>
(reference <machinery industry>, <shipbuilding>) - covers
(1) study background and objectives (2) <iron and steel
industry>s, <foundry>s, <metal products>, <cans>, <wire>
products, industrial <equipment>, <chemicals>, <transport>
equipment (3) <production costs> components of
<ships>yards, <bilateral agreement>s with foreign
companies and international <trend>s, offshore
<engineering> (4) <marketing> issues, <employment> impact,
<demand> analysis, <development potential>, <appropriate
technology>, <choice of product>, <government policy>s,
<investment> and <manpower> requirements.
<Recommendations>, <statistics> <Restricted>.

ENGL

37 20

15086

1985

Zangalmi Bueno Antonio Celso

UNIDO

(R) EL SALVADOR INFORME FINAL DE LA CONSULTORIA EN
PROCESAMIENTO INDUSTRIAL DE ALIMENTOS.

DEP/ELS/82/006

Vienna, 1985 142 p. tables, diagrams, illus.

<UNIDO pub> <Final report> on assistance to <agri-product
processing> in <El Salvador> - covers (1) <seminar>s and
<training programmes> on <citrus fruit>, <fruit juice>,
<tomatoes>, <soybeans> <milk> processing (2) <choice of
technology>, <laboratory> and <quality control>
requirements, strengthening of agricultural development
centres (ENA and CENTA) <Recommendations>, <statistics>,
<bibliography> <Restricted>.

SPAN

29 30

15087

1985

UNIDO

APACE, AUSTRALIA

(R) BLENDING OF ALCOHOL WITH DIESEL FUELS. REPORT.

US/GLO/83/039

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

....

<UNIDO pub>. <Final report> on use of <alcohol>s as extruders for <fuel>s for <diesel engines> in <developing countries> - covers (1) <research and development> efforts towards <domestic production> of surplus <ethanol> as <import substitution> for <petroleum products> (2) technology descriptions of blended fuel approach, alcohol production from <agricultural wastes> (<biomass>) seen as a <labour intensive> industry, non-producer of <pollutants> (3) <development potential> for industrial and commercial application; engine performance <testing>, test <equipment> and <measuring instruments> requirements, conclusions, <Recommendations>, graphs <Restricted>

ENGL

37.30

15088

1985

UNIDO

GEM, SOCIETE D'ETUDES POUR LE MARKETING, L'ENGINEERING ET LA GESTION, PARIS

(R) DJIBOUTI. ETUDE DE FAISABILITE D'UNE USINE DE BISCUITS ET PATES ALIMENTAIRES. RAPPORT DEFINITIF

DP/DJI/84/003

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

....

<UNIDO pub>. <Final report> concerning a <feasibility study> for a <factory> manufacturing <bakery products> and <food pastes> in <Djibouti> - covers (1) present <demand>, production and <commercialization> <prices> policies, <protectionism> measures needed to insure <profitability>; <choice of products> (2) <organizational aspects>, <production capacity>, <raw materials>, <packaging> materials, <costs> of <utilities>, <location of industry> depending on <infrastructure>, <equipment> requirements; <financial aspects>, <economic implications>, <Recommendations>, <statistics>, <maps>, <Restricted>.

FREN

31.30

15089

1985

Sandberg, F.

UNIDO

(R) MALI ASSISTANCE PRELIMINAIRE AU CENTRE NATIONAL DE
RECHERCHES SUR LA PHARMACOPÉE ET LA MÉDECINE TRADITIONNELLE
A BAMAKO RAPPORT FINAL

RP/MLI/84/001

Vienna, 1985 23 p tables, diagrams

UNIDO-UNIDO/10/R 185

<UNIDO pub> <Final report> on assistance to <research
centre> on traditional medicine in <Mali> - covers (1)
<site assessment> and description of new institute for the
study of <processing> <medicinal plants> (including
<drying>, extraction, <storage>) and clinical utilization
in attached hospital (2) <budget> and <financing>,
building <costs> <Diagrams> <Recommendations>.
<Restricted>

FREN

35 60

15090

1985

Araoz, Alberto

UNIDO

(R) TRANSFERENCIA DE TECNOLOGIA EN GUATEMALA

Vienna, 1985 46 p tables.

<UNIDO pub> <Expert report> on the impact of <technology
transfer> on the technical, industrial and <economic
development> of <Guatemala> - covers (1) <institutional
framework> connected with a technology transfer centre
(UTT), <organizational aspects> (2) present <economic
conditions>, the <manufacturing> sector, the targets of
the <national plan> involving promotion of <small scale
industry>, of <science> and technology, the introduction
of <appropriate technology>, <training> of <technical
personnel> (3) the management of <import>ed technology
Recommendations <Statistics> <Restricted>

SPAN

24 30

15091

1985

Petritsch, M

UNIDO

(R) PROPOSALS FOR GUIDELINES ON THE INTEGRATION OF WOMEN IN
UNIDO TECHNICAL CO-OPERATION PROJECTS

Vienna, 1985 20 p

<UNIDO pub> on the integration of <women> in <industrial development> - covers the major objectives of the integration of women in specific technical co-operation activities and <national planning> processes. collection of socio-economic data in regional, country and sectoral studies to be taken into consideration in connection with <project selection> and <project design> and to make possible an assessment of women's situation as affected by a project <Restricted>

ENGL

23 30

15092

1985

Patil, S M

UNIDO

TECHNOLOGICAL PERSPECTIVES IN THE MACHINE-TOOL INDUSTRY AND
THEIR IMPLICATIONS FOR DEVELOPING COUNTRIES. DEVELOPMENT
AND TRANSFER OF TECHNOLOGY SERIES NO 19

Vienna, 1985 90 p tables, graphs

UNIDO-ID/312

<UNIDO pub> <Expert report> on assistance to <developing countries> in the selection of <appropriate technology> for the <machine tool industry> - covers (1) <world production> and <trade> in leading machine-tool producing <developed countries> and in some developing countries (2) <case study> of <India>, production, <import>s and <export>s (3) present <computer-aided manufacture>, relevance of <engineering design>, materials (<metals> and non-metals, cast <alloys>), <microelectronics>, <machine tools> control systems, new <machining> methods, cutting-tool materials and design, computer control, <automation>, guidelines for the future <Recommendations>, <statistics>, <bibliography>

ENGL

37 10

15093

1985

UNIDO

EXPERT GROUP MEETING ON THE DEVELOPMENT OF MULTI-PURPOSE
AGRICULTURAL MACHINERY PLANTS, GUANGZHOU, CHINA, 1984
CONCEPTUAL FRAMEWORK AND ASPECTS OF MULTI-PURPOSE PRODUCTION
OF ENGINEERING AND AGRICULTURAL MACHINERY PRODUCTS: SOME
PROPOSALS BY UNIDO

- CADRE CONCEPTUEL ET ASPECTS DE LA PRODUCTION POLYVALENTE DE
BIENS D'EQUIPEMENT ET DE MACHINES AGRICOLES. PROPOSITIONS
DE L'ONUDI

Vienna, 1985. 19 p. diagrams

UNIDO-ID/WG 449/1

<UNIDO pub> on multi-purpose production of <engineering>
and <agricultural machinery> products with special
reference to the <role of UNIDO> - covers (1) background
<(2) manufacture of agricultural machinery in <developing
countries> <rural development> needs, <industrialization>
of DCs, <production capacity>, <diversification> (3)
conceptual framework of multi-purpose production techno-
economical constraints, <finished products> and
<semimanufactured products>, external <knowhow> and
<standardization>, <size of enterprise> <Diagrams>.
Additional references: <machine tools>, <equipment>,
<training>, <capital goods>.

ENGL FREN

37.20

15094

1985

UNIDO

EXPERT GROUP MEETING ON INTERNATIONAL CO-OPERATION ON
PETROCHEMICALS, VIENNA, 1984

WORLD CHANGES IN THE STRUCTURE OF THE PETROCHEMICAL INDUSTRY
1980-1983

Vienna, 1985. 28 p. tables, graphs

UNIDO-UNIDO/PC 123

<UNIDO pub> on <long term> developments within the
<petrochemical industry> - covers (1) major trends with
special reference to <developing countries>, present
<world production>, <consumption> and <production
capacity> (2) the regional shares of the world capacity
and the problems of <excess capacity>, the emerging
producers of <ethylene>, <polyvinyl chloride> and low-
density <polyethylene> (3) the situation in <Western
Europe>, <Japan>, <USA>, <Canada>, international co-
operation. <Statistics>.

ENGL

35.10

15095

1985

Sternicha, F.

UNIDO

(R) ZAIRE. ASSISTANCE A LA ZONE FRANCHE D'INGA. RAPPORT
COMPLEMENTAIRE

DP/ZA/81/015

Vienna, 1985. 11 p.

....

<UNIDO pub> <Expert report> on exploitation of
<phosphate> deposits in the <free zone> of Inga in <Zaire>
- covers (1) extent of <mineral resources> sufficient for
medium size <fertilizer industry> for indigenous
<agriculture> needs (2) <evaluation> of the possibility of
constructing a thermal <processing> plant for production
of <phosphoric acid>, its non-<competitiveness> due to
product's damage to <environment> and <transport> and
<energy> <costs>. <Recommendations>. Additional
references: <ecology>, industrial <chemicals>.
<Restricted>.

FREN

35 30

15096

1985

UNIDO

(R) MAROC. ASSISTANCE A L'USINE DE TRAITEMENT ET DE
CONDITIONNEMENT DES DATTES ET DE PRODUCTION D'ALIMENTS POUR
BETAIL. RAPPORT DE LA MISSION D'EVALUATION.

DP/MOR/80/005

Vienna, 1985. 59 p. tables.

UNIDO-UNIDO/PC/R. 13

<UNIDO pub> on evaluation of assistance to <data
processing> and <feed production> in <Morocco> - covers
(1) history and objectives of project; production,
<domestic consumption>, <imports> and <exports>; the
performance of the Zagora <factory>, activities connected
with <project implementation>, <financial aspects>,
<budget>s (2) <factory layout>, <technology>, <equipment>
on hand, its condition, <productivity>,
<commercialization> problems, <marketing> and <staff>
<training> requirements; <technical assistance> needs.
<Recommendations>. Additional references: <drought>,
<sweets and candy>, <feed production>. <Restricted>.

FREN

31 10

15097

1985

Wong, John

UNIDO

UNIDO/ESCAP WORKSHOP ON ACCELERATING GROWTH THROUGH CO-OPERATION IN SELECTED INDUSTRIAL SECTORS IN THE DEVELOPING COUNTRIES OF THE ESCAP REGION, BANGKOK, 1985

(R) ISSUES AND PROBLEMS OF THE DEVELOPMENT OF THE WOOD, PETROCHEMICAL AND CHEMICAL INDUSTRIES IN THE DEVELOPING ESCAP REGION

Vienna, 1985 44 p tables

...:

<UNIDO pub> <Expert report> on the development of resource based industries in the <ESCAP> region (reference: <wood>, <petrochemicals>, <chemicals>) - covers (1) the role of <natural resources> for <industrial development> (2) <forestry>, <forest product processing> and <export> of <timber> and <wood products>, danger of depletion (3) the production of <plastics>, <synthetic fibres>, <synthetic rubber>, <detergents>, <excess capacity> problems (4) <chemical industry>, <pharmaceuticals> and <fertilizer industry>, the role of the <transnational corporations>, need for <regional cooperation>, <Recommendations>, <statistics>, <Restricted>.

ENGL

11.20

15098

1978

UNIDO

SHANNON FREE AIRPORT DEVELOPMENT CO

(R) SRI LANKA, ADVISORY PLANNING SERVICES FOR THE ESTABLISHMENT OF AN INDUSTRIAL FREE ZONE FINAL REPORT, Vienna, 1978, 2 vol. (various pagings).

...:

<UNIDO pub> <Final report> on assistance in the establishment of an industrial <free zone> in <Sri Lanka> - covers (1) <location of industry>s, planning of <infrastructure> facilities (<housing>, <transport> and <roads> system, sewage), <site assessment> for additional units (2) relevant <legislation>, <organizational aspects> <incentives>, <tax exemption>, free <import>s, <export>s (3) <capital costs>, <market information>, <training programmes>, guidelines for <investment>s <Diagrams>, <statistics>. Additional reference: <export processing zone>, <Restricted>.

ENGL

21.80

15099

1985

Buekens, Alfons G.

Patfoort, Georges

UNIDO

(R) CHINA RECYCLING SYSTEM FOR PLASTICS WASTE.

US/CPR/83/245

Vienna, 1985. 41 p. tables.

1111

<UNIDO pub> <Expert report> on <recycling> of <plastics> wastes in <China> - covers (1) the present methods of collection, separation and <processing> of <urban wastes>; visits to existing plants (2) proposals for the establishment of a <pilot plant> for <waste utilization> with special emphasis on recycling of <synthetic fibres>, <choice of technology>, <appropriate technology>; acquisition of necessary <equipment>. <Recommendations>, <bibliography>. Additional references <environment>, <pollution>. <Restricted>

ENGL

24 30

15100

1985

Jaggi, T.N

UNIDO

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

GAUSA, TUNISIA, 1985

EXPLOITATION AND USE OF LOW GRADE PHOSPHATE ROCK INDIAN EXPERIENCE.

Vienna, 1985. 47 p. tables, map, graphs, diagrams, illus

UNIDO-ID/WG.453/13

<UNIDO pub> on exploitation and use of low grade <phosphate> rock <mineral resources>. based on experience in <India> - covers (1) requirements of phosphate for <fertilizer industry> (2) Indian resources of rock phosphate; <ore processing> and beneficiation from various deposits (3) direct application of rock phosphate, their suitability for fertilizing various <soils> (4) producing modified phosphatic <fertilizer>s. <research and development>, results of studies (5) agronomic studies; <laboratory>, <greenhouses> and field <testing>. <economic aspects> <Statistics>, <flow charts>, <bibliography>, illustrations. Additional reference <agriculture>.

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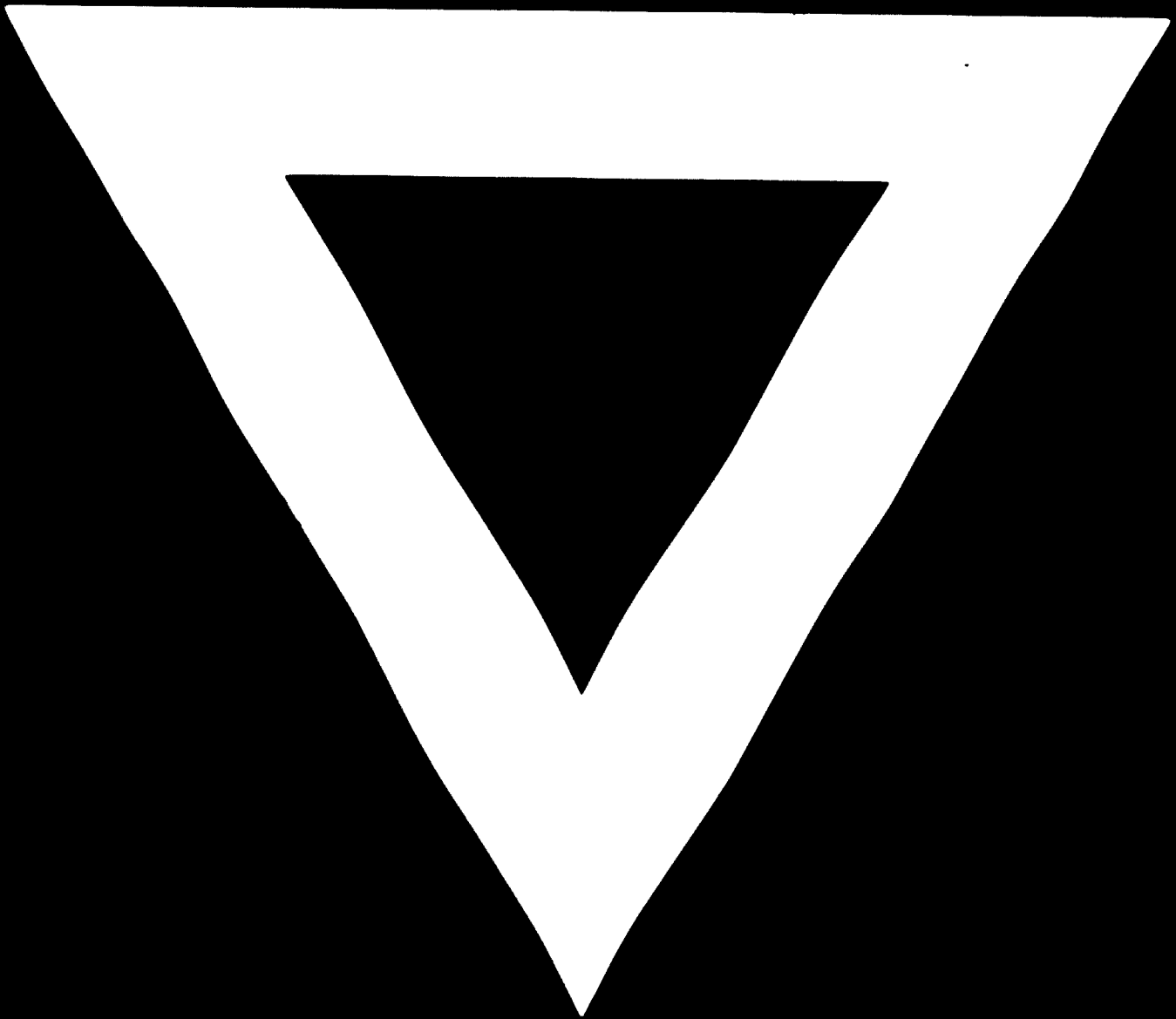
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