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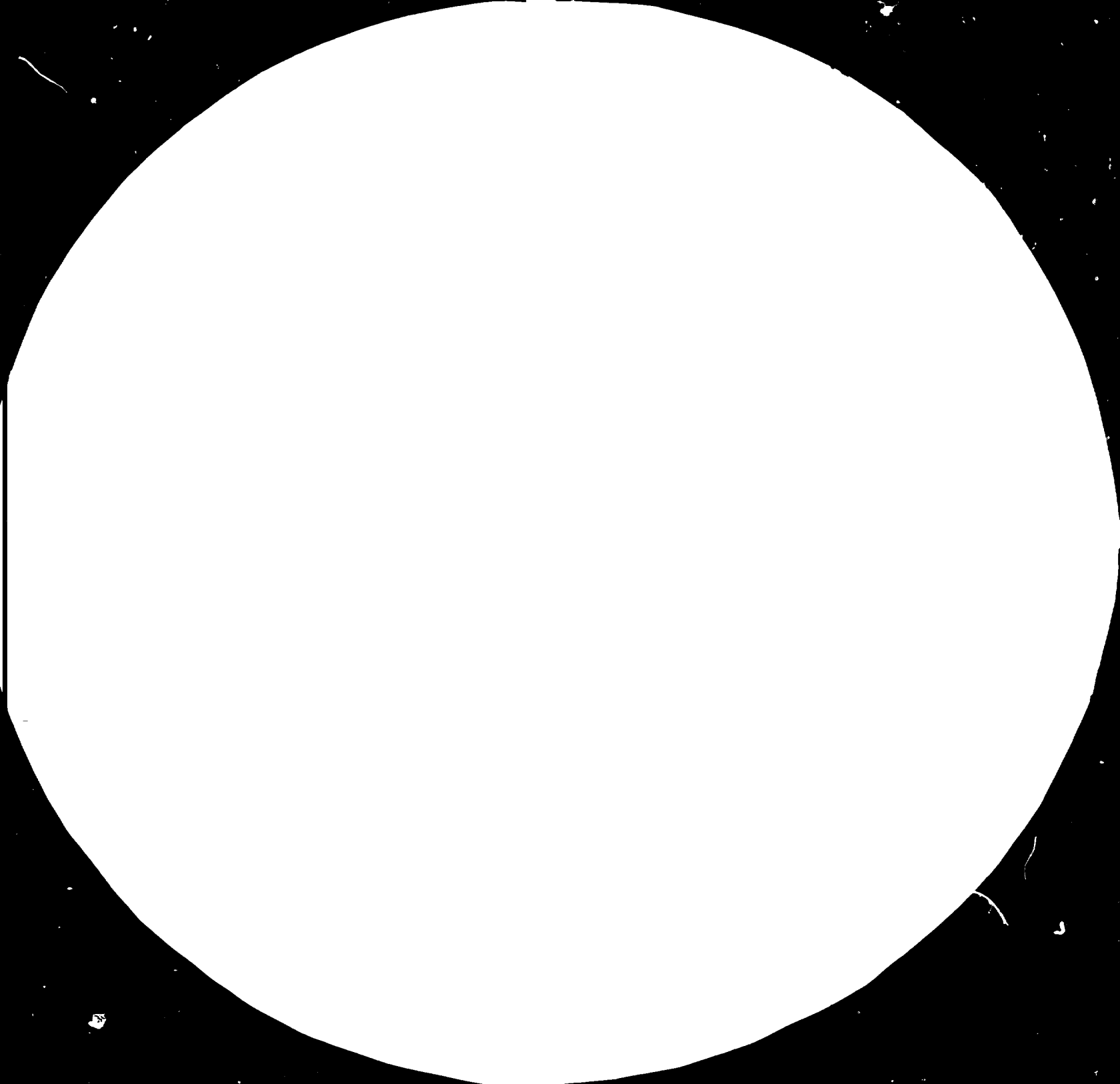
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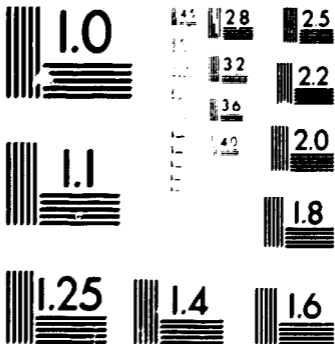
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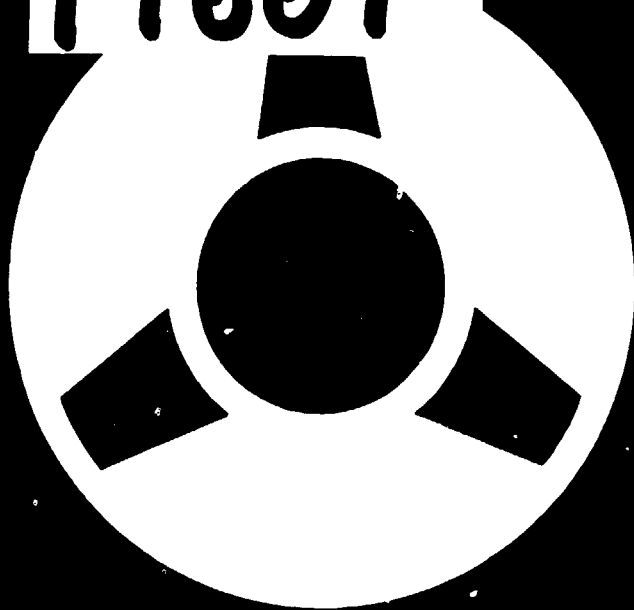
UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

INDUSTRIAL DEVELOPMENT ABSTRACTS

UNIDO Industrial Information System (INDIS)

13301-13600

14667



UNITED NATIONS

**INDUSTRIAL
DEVELOPMENT
ABSTRACTS**

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
Vienna

**INDUSTRIAL
DEVELOPMENT
ABSTRACTS**

13301-13600

UNIDO Industrial Information System (INDIS)



UNITED NATIONS
New York, 1984

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provides a specialized guide to UNIDO documentation on industrialization in developing countries, much of which is unpublished.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

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

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

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

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РЕЗЮМЕ ПО ВОПРОСАМ ПРОМЫШЛЕННОГО РАЗВИТИЯ

Введение

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

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

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

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

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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Project number	<input type="text"/>	
Source	Vienna, 1981. 9 p.	
Document number	UNIDO-ID/WG.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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13301 1983

Antoine, Jean-Claude

Boon, Jean-Albert

Gloeckl, Josef

UNIDO

SEMINAIRE SUR LA PREPARATION ET L'EVALUATION DES PROJETS
INDUSTRIELS, KINSHASA, ZAIRE, 1983

ZAIRE. SEMINAIRE SUR LA PREPARATION ET L'EVALUATION DES
PROJETS INDUSTRIELS. RAPPORT FINAL.

DP/ZAI/81/015

Vienna, 1983. 1 vol. (various pagings). tables, diagrams.

::::

<UNIDO pub>. <Report> of a <seminar> on <industrial
project> preparation, evaluation, and implementation in
<Zaire> - covers <training programmes> designed to assist
the <industrial administration> in areas of <feasibility
study>s, <preinvestment study>s, <project evaluation>,
<project design>, <financing>, <financial control>, <legal
aspects>, <location of industry>, etc. <Agenda>, <list of
participants>, <bibliography>, <questionnaire>.

FRFN

14.80

13302 1983

Hahn, Sang Joon

UNIDO

NATIONAL WORKSHOP ON TECHNOLOGY TRANSFER POLICIES AND
PLANNING, KUALA LUMPUR, MALAYSIA, 1983

INTERNAL TECHNOLOGY TRANSFER: ROLE OF RESEARCH INSTITUTE,
TECHNOLOGY TRANSFER AGENTS, AND UNIVERSITIES IN RELATION
WITH COMMERCIALIZATION OF TECHNOLOGY.

Vienna, 1984. 7 p.

UNIDO-ID/WG.410/5

<UNIDO pub> on internal <technology transfer>, based on
experience in <Korea R> - covers (1) the <institutional
framework>; the role of applied <research centre>s and
<development centre>s; steps in <commercialization> of
research results and technology (2) required <management>
skills (3) <industry and higher education>: inter-
relations, <cooperation>.

ENGL

24.30

13303

1983

Hayes, Barry J.

UNIDO

INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983
APPLICATION OF CARBON FIBRE REINFORCED POLYMERS IN AEROSPACE.
SPECIAL EXPERIENCE IN THE UNITED KINGDOM.

Vienna, 1984. 10 p.

UNIDO-ID/WG.416/9

<UNIDO pub> on use of <carbon fibres> reinforced polymers
(CFRP) in <aircraft industry> in <UK> - covers (1) history
of development and application of appropriate <synthetic
fibres> and <new materials> (2) demonstrators (3) military
demonstrators (4) early civil production (5) helicopters
(6) ancillary applications of CFRP (7) modern civil
production. Gives designations and comments for slides.
Additional reference: <space> <equipment>.

ENGL

35.30

13304

1984

Spijkermann, J.C.

UNIDO

(R) MOZAMBIQUE. STRENGTHENING THE INFORMATION CAPABILITIES OF
THE MINISTRY OF INDUSTRY AND ENERGY. FINAL REPORT.

DP/MOZ/82/008

Vienna, 1984. 1 vol. (various pagings). tables.

::::

<UNIDO pub>. <Final report> on assistance in improvement
of <information service>s for the <industrial
administration> in <Mozambique> - covers (1) <industrial
information> included in the annual industrial <survey>
(2) installation of new <equipment>, requirements for
<data collecting> and economic-statistical <documentation>
(3) creation of an <information centre> for <industrial
study>s; its purpose and structure; <work organization>;
list of documents needed; <training> of <staff>; purchase
of micro<computer>. <Recommendations>, <questionnaire>,
<bibliography>. <Restricted>.

ENGL

01.20

13305 1983

Diefendorf, Russel J.

UNIDO

INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO

JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983

A COMPARISON OF HIGH MODULUS FIBRES.

Vienna, 1984. 9 p. tables.

UNIDO-ID/WG.416/3

<UNIDO pub> on <new materials>, with special reference to high modulus fibres (reference: <manmade fibres>) - (1) defines requirements for high modulus fibres used mainly as reinforcement in <resins>, <metals> or <ceramics> matrix composites (2) covers fibre processes; <glass> melt spinning; chemical vapor deposition; <carbon fibres>, <silicon> <carbide> fibres, <alumina> fibres; organic fibres (3) compares present fibre performances within context of desired composite requirements. <Diagram>s. Additional references: <fibreglass>, polymers.

ENGL

25.30

13306 1983

Brunsch, Klaus

UNIDO

INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO

JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983

AUTOCLAVE, COMPRESSION MOULDING.

Vienna, 1984. 18 p. tables, graphs, illus.

UNIDO-ID/WG.416/7

<UNIDO pub> on <carbon fibres> composites, with special reference to <autoclave> and compression <moulding> used in fabrication of fibre composite structures - covers (1) autoclave curing of extremely thin HM CFC (high modulus carbon-fibre-composite) face skin of <space> structures (2) autoclave curing of thickness tapered HT (high tensile) CFC skin of an AC taileron (3) press curing of thick HT CFC rotorhub components (4) use of an oven for <vacuum> bag curing. <Diagram>s, illustrations. Additional references: <new materials>, <furnace>, <aggregates>.

ENGL

35.30

13307

1983

Moe, Vincent G.

UNIDO

SEMINAR/WORKSHOP ON "TECHNOLOGY TRANSFER, MANAGEMENT AND DEVELOPMENT AND THE IMPLICATIONS OF NEWLY-EMERGING ADVANCED TECHNOLOGIES", PORT-OF-SPAIN, TRINIDAD AND TOBAGO, 1983
GENETIC ENGINEERING IN VETERINARY MEDICINE.

Vienna, 1984. 6 p.

UNIDO-ID/WG.412/3

<UNIDO pub> on <genetic engineering> in the service of <livestock> medicine - covers (1) background of <research> in the field of <microbiology> (2) some genetically-engineered animal <vaccines> being developed to cope with virus diseases; biosynthesized sub-unit vaccines (3) interferons for animals; monoclonal antibody; animal growth hormones. Additional references: <pharmaceuticals>, <microorganisms>, <enzymes>, <health>.

ENGL

30.30

13308

1984

Demsic, Nenad

UNIDO

(R) ETHIOPIA. LONG-TERM PROGRAMME OF CO-OPERATION ON THE DEVELOPMENT OF AGRO-INDUSTRIES IN SELECTED AFRICAN COUNTRIES.

RP/RAF/83/003

Vienna, 1984. 13 p. diagram.

UNIDO-UNIDO/IO/R.104

<UNIDO pub>. <Expert report> on assistance in development of <grapes> processing and <wine> production in <Ethiopia> - covers (1) selection of viable opportunities for setting up integrated <agro-industry>s; drawing up proposals for <technical assistance> (2) findings regarding feasibility of starting on a project based on available grapes (3) proposed programme. <Diagram>, <recommendations>, <project document>, <job description>. Additional references: <Yugoslavia>, <food technology>. <Restricted>.

ENGL

31.60

13309

1983

Badea, Mihai
Polizu, Gheorghe
Zaharescu, Adrian
UNIDO

(R) LOW COST BUILDING MATERIALS FROM AGRICULTURAL AND
INDUSTRIAL WASTES. TERMINAL REPORT.

UC/RAF/82/078

Vienna, 1983. 24 p.

::::

<UNIDO pub>. <Final report> regarding development of low-
<costs> <building materials> from industrial and
<agricultural wastes> in <Africa> - covers (1)
<classification> of main agricultural wastes in
<Tanzania>, <Rwanda>, <Ghana> and <Mauritania>; suggested
technology involving <waste utilization>, non-conventional
<energy source>s, local <small scale industry>, locally
manufactured <equipment> (2) <training> requirements for
<technical personnel> (3) the role of the building
<research centre> in Tanzania in relation to <housing> in
<developing countries>. <Recommendations>, <job
description>s. <Restricted>.

ENGL

33.20

13310

1984

Griffith-Jones, Stephany
Steward, Frances
UNIDO

PROPOSALS FOR REFORM OF THE INTERNATIONAL FINANCIAL SYSTEM:
IMPLICATIONS FOR INDUSTRIAL FINANCING. SECTORAL WORKING
PAPER SERIES.

Vienna, 1984. v, 77 p.

UNIDO-UNIDO/IS.432

<UNIDO pub> on industrial <financing> (reference: <capital
market>) - covers (1) general considerations on industrial
finance (2) types of proposed schemes for reform of the
international financial system (3) proposals for <South-
South> <cooperation> (4) <global level> stability and
<economic growth>. Additional references: <investment>,
<cost of capital>, <banking>, <institutional framework>,
<debt>, <deficits>, <least developed countries>, <new
international economic order>, <ECDC>, <North-South>,
<developing countries>.

ENGL

29.10

13311 1982
UNIDO
ILO
UNESCO
THE STRENGTHENING OF NATIONAL TRAINING SYSTEMS AND THE
REQUIRED INTERNATIONAL CO-OPERATION. A BACKGROUND PAPER FOR
THE FIRST CONSULTATION ON THE TRAINING OF INDUSTRIAL
MANPOWER.
Vienna, 1984. 205 p.
UNIDO-UNIDO/PC.94
UNIDO-ID/WG.381/2
<UNIDO pub> on issues in <training> for industrial
<manpower> - reprint of paper issued in 1982. For contents
see abstract 11815.
ENGL
12.40

13312 1983
Hayes, Barry J.
UNIDO
INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983
REVIEW OF FABRICATION PROCESSES FOR HIGH PERFORMANCE CARBON
COMPOSITES WITH SPECIAL EMPHASIS ON THE TECHNOLOGY OF
PREPREGS (WET WINDING AND PREPEG TECHNOLOGIES).
Vienna, 1984. 19 p. tables.
UNIDO-ID/WG.416/4
<UNIDO pub> on fabrication of high performance <carbon
fibres> composites - covers (1) principal fabrication
processes (2) <moulding>: injection, <vacuum>-bag, press,
expansion and <autoclave>; pultrusion, wet lay-up, wet
winding (3) working with carbon fibres in a pre-
impregnated form (prepregs) (4) processing aspects of
matrix <resins>; <specifications>, <equipment>, <costs>,
curing systems, viscosity.
ENGL
35.30

13313 1983
Brunsch, Klaus
UNIDO
INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983
SURVEY LECTURE AND SPECIAL EXPERIENCES IN F.R.G. (CARBON
FIBRES APPLICATION).
Vienna, 1984. 38 p. graphs, diagrams, illus.
UNIDO-ID/WG.416/5
<UNIDO pub> on <carbon fibres> application in the
<aircraft industry> in <Germany FR> - covers (1)
development and use of carbon fibre composites (2)
experience with <space> application, <transport> and
military aircraft and with helicopters (3) <choice of
technology>; <quality control>. Process <statistics>,
illustrations. Additional references: <new materials>,
<resins>.
ENGL
35.30

13314 1983
Kalnin, Ilmar L.
UNIDO
INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983
INDUSTRIAL, MARINE, AND RECREATIONAL APPLICATIONS OF CARBON
FIBRES AND THEIR COMPOSITES.
Vienna, 1984. 21 p. tables.
UNIDO-ID/WG.416/8
<UNIDO pub> on applications of <carbon fibres> and their
composites - covers (1) <industrial application>s in
structures and parts (2) application in (a) <medical
equipment> and surgery (b) in <electrical equipment> (c)
in <ships> and <sports goods>, loudspeakers and musical
<instruments>. Tables. Additional references: <corrosion>,
<electrodes>, <radio sets>.
ENGL
35.30

13315

1983

Hayes, Barry J.

UNIDO

INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983
INDUSTRIAL AND FURTHER APPLICATIONS OF CARBON FIBRES. SPECIAL
EXPERIENCE IN EUROPE.

Vienna, 1984. 8 p.

UNIDO-ID/WG.416/10

<UNIDO pub> on <industrial application>s of <carbon
fibres> in <Europe> - covers (1) use of carbon fibre
composites in <automobiles>, torque tubes and drive
shafts; development in the field of robot construction;
use in <sports goods> (2) application in <aircraft
industry> and boat components. Additional references:
injection <moulding>, <ships>, <bicycles>, <choice of
technology>, prepreg system.

ENGL

35.30

13316

1983

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983
ENERGY CONSERVATION IN SINGAPORE.

Vienna, 1984. 7 p.

UNIDO-ID/WG.417/3

<UNIDO pub> on promotion of industrial <energy saving> in
<Singapore> - covers (1) the energy situation, marked by
dependence on imported <petroleum>; <energy conservation>
measures (2) <case study>s of conservation by an
industrial <gas> manufacturer and in a <shipbuilding>
yard; use of improved <equipment> and <factory
organization>.

ENGL

34.10

13317

1984

Bourke, Bernard J.

UNIDO

(R) CHINA. DESIGN AND APPLICATION OF ELECTROSTATIC
PRECIPITATORS. TECHNICAL REPORT.

DP/CPR/80/077

Vienna, 1984. 23 p.

UNIDO-DP/ID/SER.A/490

<UNIDO pub>. <Expert report> on assistance in design and application of <electrical equipment> used in control of industrial <air pollution> in <China> - covers (1) assistance to a <research centre> and <laboratory> concerned with development of improved electrostatic precipitators (2) discussions held on application techniques and on relevant <computer programmes> (3) mathematical model of electrostatic precipitation; curves for estimating precipitation rate parameter from <sulphur> content of <coal> burned in pulverized coal fired <boilers>. <Recommendations>, <bibliography>. Additional references: <instruments>, <filtering>. <Restricted>.

ENGL

38.20

13318

1983

Sirivadhanakul, Tammachart

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983

ENERGY CONSERVATION IN THAILAND.

Vienna, 1984. 9 p.

UNIDO-ID/WG.417/1

<UNIDO pub> on <energy conservation> in <Thailand> - covers (1) <institutional framework> of relevant programme (2) the Energy Conservation Centre (ECC); activities of energy auditing teams in <factory>s with a view to improving <energy saving>; <information service>s, <training>, <industrial extension> (3) relevant <regulations> for <road transport>, the <industrial sector> and <electric power> supply; <legal aspects> and <incentives>.

ENGL

34.10

13319 1983

Phasukavanich, Chakramon

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983

INDUSTRIAL ENERGY CONSERVATION POLICIES AND MEASURES: A CASE
OF THAILAND.

Vienna, 1984. 8 p.

UNIDO-ID/WG.417/2

<UNIDO pub> on <industrial policy>s and measures relating
to <energy saving> in <Thailand> - covers (1) background;
problems relating to <petroleum> <import>s, <fuel> use and
<pricing>, and the <energy> <management> system (2)
conservation measures and <regulations> (3) the role of
the <public sector> and the <private sector> in industrial
<energy conservation>.

ENGL

34.10

13320 1982

Cavalchini, Antoniotto G.

UNIDO

(R) ARGENTINA. CAPACITACION EN EL DISEÑO, ENSAYO Y CONTROL DE
LAS MAQUINARIAS AGRICOLAS. INFORME FINAL.

DP/ARG/81/004

Vienna, 1982. 151 p. tables, graphs, diagrams, illus.

::::

<UNIDO pub>. <Final report> on assistance to <agricultural
machinery> industry in Santa Fe, <Argentina> - covers (1)
technical details concerning operation and monitoring of
<harvesting> and threshing machines regarding <humidity>,
<wheat> separation and grain loss (2) advantages of
<automation> in <agricultural mechanization>; <electronic
equipment> (3) <engineering design> for better structures
with finite elements methods; strain gage selection (4)
<choice of technology> in use of <solar energy> for
<drying> of <agricultural products>; <maize> drying;
effect of <temperature> and humidity on <storage>;
<economic aspects> (5) <training assistance> in use of
<laboratory> <instruments>. <Recommendations>,
<bibliography>, <diagram>s. <Restricted>.

SPAN

37.20

13321

1983

Marei, A.R.

UNIDO

(R) LIBYA. MISSION REPORT: FEASIBILITY STUDY ON PLANT FOR
READY-MIXED CONCRETE AND PREFABRICATED CONCRETE PRODUCTS.

TF/LIB/82/002

Vienna, 1983. 57 p. tables.

UNIDO-UNIDO/IO/R.85

<UNIDO pub>. <Expert report> on the feasibility of setting up <concrete> production in <Libya> - covers (1) the ready-mixed concrete industry (2) opening and development of the <limestone> quarry and <mining> at Al Ablar (3) <loading> <equipment> required (4) <transport> requirements (5) the crushing and screening plant (6) plants for ready-mixed concrete and concrete products; <manpower needs>; <economic aspects>. Findings, <statistics>, <list of documents>. Additional references: <prefabricated building>, <capital costs>, <production costs>. <Restricted>.

ENGL

33.20

13322

1983

Chung Van Qua

UNIDO

(R) TCHAD. ASSISTANCE TECHNIQUE AUX ENTREPRISES POUR LA
REPARATION ET L'ENTRETIEN DES EQUIPEMENTS. RAPPORT FINAL.

UC/CHD/82/069

Vienna, 1983. 61 p.

UNIDO-UNIDO/IO/R.100

<UNIDO pub>. <Final report> on assistance to <maintenance and repair> activities in <Chad> - covers (1) repair of <electric power> <equipment>, <machinery> in <workshop>s, <agricultural equipment> and <electrical equipment> (2) organization of a central <repair shop>; <technical personnel> needed (3) assistance to enterprises producing <rice>, <wood products>, <dairy products> (4) <training> requirements in utilization of <tools>; equipment on hand for creation of <small scale industry>s. <Recommendations>. <Restricted>.

FREN

25.20

13323

1983

Davila, Juan Sancho

UNIDO

SIMPOSIO REGIONAL SOBRE EL DESARROLLO DE LA INDUSTRIA

PETROQUIMICA, BAHIA BLANCA, ARGENTINA, 1983

LA INDUSTRIA PETROQUIMICA EN EL PERU.

Vienna, 1983. 21 p. tables.

UNIDO-ID/WG.396/8

<UNIDO pub> on <petrochemical industry> in <Peru> - covers (1) <institutional framework>; national production of <plastics>, <resins>, <synthetic fibres> <fertilizer>s, <synthetic rubber>, <detergents>, <alcohol>, <chemicals>, etc. (2) <export>s and <import>s; <trade>; <regional cooperation>; the share of the <public sector> and <private sector> in the production of basic <petrochemicals>. <Statistics>.

SPAN

35.10

13324

1982

Forney, Albert J.

Schlesinger, M.D.

UNIDO

INTERNATIONAL FORUM ON NEW TECHNOLOGIES OF COAL UTILIZATION,

ESSEN, FRG, 1982

COAL UTILIZATION IN DEVELOPING COUNTRIES.

Vienna, 1982. 74 p. tables, diagrams.

::::

<UNIDO pub>. <Expert report> on utilization of <coal> in <developing countries> - covers (1) technologies presently in use, the situation in selected DCs; <economic aspects>; <pilot plant>s in <China>, <India>, <Poland> (2) the <development potential> of <renewable energy>; coal production and <trade>; <research and development> on <advanced technology>s for coal conversion processes (3) <environment>al problems, <costs> of <transport>, the increasing share of coal in future <energy source>s. <Recommendations>, <bibliography>, <statistics>. Additional references: liquefaction, <gasification>, <electric power>.

ENGL

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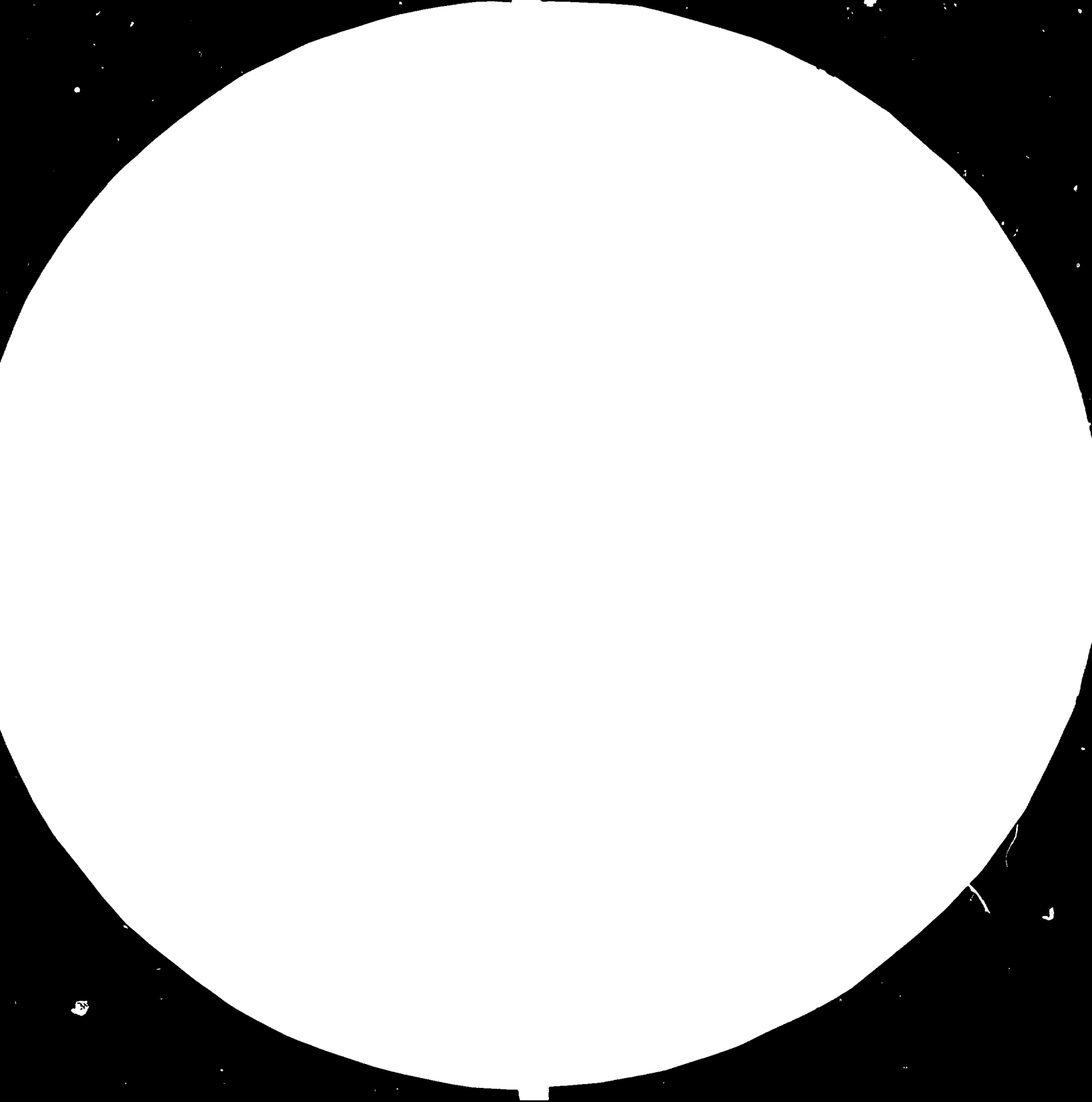
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MICROCOPY RESOLUTION TEST CHART

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

13325

1983

Fournot, Jacques L.

UNIDO

(R) TANZANIA. EVALUATION OF PROJECT "CONSOLIDATION OF VILLAGE PRODUCTION OF AGRICULTURAL IMPLEMENTS BY LOCAL BLACKSMITHS".

RP/URT/82/002

Vienna, 1983. 41 p. tables, maps, illus.

::::

<UNIDO pub>. <Final report> on assistance to village-level <forging> of <agricultural equipment> in <Tanzania> (reference: <rural industry>) - covers (1) forging <tools>, <metal scrap>, <workshop>s provided to nine <village> blacksmiths groups (2) <fellowships> and <training programmes> in <product design>, <welding>, <metal cutting>, <metal sheet> work, manufacture of forging tools (3) budget draft; <government contribution>; <equipment> requirements; <demand> for <animal power> implements; evaluation of blacksmith groups visited. <Statistics>, <job description>, <maps>, illustrations. <Restricted>.

ENGL

37.20

13326

1984

UNIDO

CONSULTATION ON THE LEATHER AND LEATHER PRODUCTS INDUSTRY, 3RD, INNSBRUCK, AUSTRIA, 1984

ISSUE NO. 1: MEASURES TO MAXIMIZE THE POTENTIAL OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY IN DEVELOPING COUNTRIES.

- PUNTO NO. 1: MEDIDAS PARA MAXIMIZAR EL POTENCIAL DE LA INDUSTRIA DEL CUERO Y LOS PRODUCTOS DE CUERO EN LOS PAISES EN DESARROLLO.

- QUESTION NO. 1: MESURES VISANT A PERMETTRE AUX PAYS EN DEVELOPPEMENT D'EXPLOITER AU MAXIMUM LE POTENTIEL DE L'INDUSTRIE DU CUIR ET DES ARTICLES EN CUIR.

Vienna, 1984. 18 p. tables.

UNIDO-ID/WG.411/5

<UNIDO pub> on maximizing the <development potential> of <leather industry> in <developing countries> - covers (1) <trend>s in the sector (2) integrated development of the <leather> and <leather goods> industry (3) <industrial enterprise> level <cooperation>; the <tanning> sector, the <shoes> sector (4) shares in <global level> <export volume> and <export value> 1961-65 and 1979-81 (5) world trends in footwear production and exports. <Statistics>.

ENGL SPAN FREN CHIN

32.40

13327

1984

UNIDO

ECA

OAU

SUBREGIONAL MEETING ON THE PROMOTION OF INTRA-AFRICAN INDUSTRIAL CO-OPERATION WITHIN THE FRAMEWORK OF THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA, TUNIS, 1984 INITIAL INTEGRATED INDUSTRIAL PROMOTION PROGRAMME FOR THE NORTH AFRICAN SUBREGION.

- PROGRAMME INITIAL POUR LA PROMOTION INDUSTRIELLE DE LA SOUS-REGION DE L'AFRIQUE DU NORD.

Vienna, 1984. 59 p. tables.

UNIDO-ID/WG.415/3/Rev.1

<UNIDO pub> on an <industrial promotion> programme for <North Africa> - covers (1) <regional> <economic conditions> and the <industrial development> decade for <Africa> (2) <industrialization> in the subregion (3) strategic core industrial subsectors and areas (4) initial integrated industrial promotion programme (5) <planning> for the implementation of the programme (6) criteria for multinational subregional industrial core <project selection>. Additional references: <multinational project>s, <regional cooperation>.

ENGL FREN

14.70

13328

1984

Chatterji, B.K.

UNIDO

(R) BACKGROUND PAPER ON FINANCIAL ASPECTS OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY.

Vienna, 1984. 72 p. tables.

::::

<UNIDO pub>. <Expert report> on <financing> aspects of <leather industry> in <developing countries> - covers (1) need for collection of primary statistics and survey of <supply> of <hides and skins> and <chemicals> (2) <loan>s by <banks> to <small scale industry>; the refinancing scheme in <India> for <handicraft>s in <rural area>s; term loans for <import>s of hides and skins; <slaughtering> assistance (3) the situation in the DCs in <Africa> and <Latin America> (4) <equipment> <leasing>, <technology transfer>, <technical assistance> needs for <tanning> and <shoes> making; <export promotion>, <credit insurance>. <Recommendations>, tables. Additional reference: <leather goods>. <Restricted>.

ENGL

32.40

13329

1983

Gustafsson, H.G.

UNIDO

(R) NICARAGUA. PROPUESTA DE UNA METODOLOGIA PARA ESTUDIO DEL COMPONENTE MECANIZACION AGRICOLA ORIENTADO A LA RAMA METALMECANICA. INFORME FINAL.

DP/NIC/82/008

Vienna, 1983. 93 p. tables.

:::

<UNIDO pub>. <Final report> on <demand> for <agricultural machinery> and equipment in <Nicaragua> - covers (1) <forecast> models based on analysis of <natural resources>, <economic structure>, <technology> aspects, <economic aspects>, <incentives>, <credit>s (2) ratio between demand and <productivity> of the <metalworking industry> (3) <methodology> for the inquiry; <survey method> (4) <agricultural mechanization>, <manpower>, services, <irrigation>, <harvesting> involved in production of <tobacco>, <coffee>, <cotton>, <rice>, <maize>, <sorghum>, <beans>, etc.; conventional <agricultural equipment> needed. <Recommendations>, <statistics>. <Restricted>.

SPAN

37.20

13330

1983

Zawada, E.H.

UNIDO

(R) CAMEROUN. INDUSTRIE PETROCHIMIQUE. PHASE PREPARATOIRE DU PLAN DIRECTEUR INDUSTRIEL. RAPPORT FINAL.

DP/CMR/81/007

Vienna, 1983. 56 p. tables.

UNIDO-DP/ID/SER.B/392

<UNIDO pub>. <Final report> on the <development potential> of <petrochemical industry> in <Cameroon> - covers (1) general information on <productivity> and <costs> of <petrochemicals> and <petroleum products> (2) <hydrocarbons> resources and their optimum utilization (3) the production of <methane>, <petroleum>, <ammonia>, <fertilizer>s, <methanol>, <naphtha>, <ethylene>, <polyvinyl chloride>, <synthetic fibres> (4) <infrastructure> requirements, <financial aspects>; <capital costs> of proposed projects; <training programmes> for <technical personnel>; <management development>. <Recommendations>. <Restricted>.

FREN

35.10

13331

1984

Bataiev, V.
Viktorov, German V.

UNIDO

(R) CUBA. ASISTENCIA PARA EL DISEÑO DE TURBINAS HIDRAULICAS
EN AMERICA LATINA. INFORME TECNICO.

SI/RLA/81/801

Vienna, 1984. 69 p. tables, diagrams.

::::

<UNIDO pub>. <Expert report> on assistance in design of
<turbines> for <hydroelectric power> generation in <Cuba> -
covers (1) <electric power> installation of low potency;
need for <equipment> consisting of hydraulic turbines,
electric generators, <automatic control>, multipliers
(2) calculations for <engineering design> of axial flow
<water> turbines; need for <technical assistance>,
<training programmes>; <standardization> requirements in
production of <components> and of a <prototype>.
<Recommendations>, tables, <diagram>s, <bibliography>.
<Restricted>.

SPAN

34.20

13332

1983

Pruzan, Gregorio

UNIDO

(R) EGYPT. PLASTICS DEVELOPMENT CENTRE FOR AGRICULTURAL
PURPOSES. TECHNICAL REPORT: TRAINING PROGRAMMES AND
PROMOTIONAL ACTIVITIES.

DP/EGY/81/029

Vienna, 1983. 77 p. tables, diagrams.

::::

<UNIDO pub>. <Expert report> on assistance to development
and promotion of <plastics> use in <agriculture> in
<Egypt> - covers (1) <training programmes> at a plastics
<development centre> on plastics technology and <water
management> (2) study of <raw material>s, <moulds> and
dies; <technical information> services, <training>;
<laboratory> requirements (3) calculation of <demand> for
<polyethylene> <plastic film> for <greenhouses>; use of
<polyvinyl chloride> for <pipe> and drip <irrigation>
systems; <maintenance and repair> of trickle systems;
clogging; <water> <consumption> and conservation; <energy>
needs, mulch <planting>, water <harvesting> system.
<Recommendations>, <bibliography>. <Restricted>.

ENGL

35.70

13333

1983

UNIDO

GROUP MEETING ON PROMOTING APPROPRIATE COMPUTER AIDED DESIGN (CAD) AND COMPUTER AIDED MANUFACTURING (CAM) TECHNOLOGY IN DEVELOPING COUNTRIES, CORDOBA, ARGENTINA, 1983
REPORT AND SUMMARY OF DOCUMENTS. (MEETING ON COMPUTER-AIDED DESIGN AND COMPUTER-AIDED MANUFACTURING).

Vienna, 1984. 30 p.

UNIDO-UNIDO/IO.575

<UNIDO pub>. <Report> of a <meeting> on <computer-aided design> (CAD) and <computer-aided manufacture> (CAM) in <developing countries> - covers (1) objectives and functions of CAD/CAM organization: direct support; information and publications; co-ordination; organizational structure (2) <survey> of C/D/CAM <technology> in <Argentina>, <Brazil>, <Bu.garia>, <China>, <Egypt>, <Korea R>, <India>, <Mexico> and the <Philippines>. <Recommerdations>, <list of participants>, result of <questionnaire>.

ENGL

26.10

13334

1983

Mueller, Thomas

UNIDO

(R) BRAZIL. CARBON FIBRE PROJECT IN SAO JOSE DOS CAMPOS.

ST/BRA/81/001

Vienna, 1983. 4 p.

::::

<UNIDO pub>. <Expert report> on progress of a <carbon fibres> project in <Brazil> - covers (1) performance of two-step oxidation <experiment>s with varied amounts of forced air (2) relevant analytical methods; <testing>; planning for basic <research programmes>. Additional references: fibre density, tensile strength. <Restricted>.

ENGL

35.30

13335

1984

UNIDO

GENERAL CONFERENCE OF UNIDO, 4TH, VIENNA, 1984

INDUSTRY IN A CHANGING WORLD. SPECIAL ISSUE OF THE INDUSTRIAL DEVELOPMENT SURVEY FOR THE FOURTH GENERAL CONFERENCE OF UNIDO.

- L'INDUSTRIE DANS UN MONDE EN MUTATION. NUMERO SPECIAL DE L'ETUDE DU DEVELOPPEMENT INDUSTRIEL, DESTINE A LA QUATRIEME CONFERENCE GENERALE DE L'ONUDI.

- LA INDUSTRIA EN UN MUNDO EN CAMBIO. VOLUMEN ESPECIAL DEL ESTUDIO DEL DESARROLLO INDUSTRIAL, PREPARADO PARA LA CUARTA CONFERENCIA GENERAL DE LA ONUDI.

Vienna, 1984. xvii, 369 p. tables.

UNIDO-ID/304

UNIDO-ID/CONF.5/2

UN-E.83.II.B.6

<UNIDO pub>. <Industrial development survey> - covers (1) world <industry> in transition; changing <geographic distribution> of <manufacturing> (2) <structural change>s in manufacturing and their impact on other sectors; change at the sectoral level (3) industrial strategies and policies: <regional> perspectives; <trend>s in <developed countries> (4) <trade> in manufactures and the <industrialization> process (5) <comparative study> of <wages> (6) <agri-product processing> and <food industry> in <developing countries> (7) <industrial policy>; <iron and steel industry>, <machine tool industry>, consumer <electronics industry>, <petrochemical industry> (8) measuring comparative advantage in selected industries. <Statistics>. Additional references: <industrial growth>, <employment>, <value added>, <wood products>.

ENGL FREN RUSS SPAN ARAB CHIN

14.60

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13336

1983

Kohli, Bai Raj

UNIDO

(R) INDONESIA. ASSISTANCE TO THE DEVELOPMENT OF SMALL
INDUSTRY. FINAL REPORT.

DP/INS/78/078

Vienna, 1983. 56 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> regarding development of
industrial <information service>s for <small scale
industry> in <Indonesia> - covers (1) project background
(2) existing situation of <industrial information> and
<documentation> services in the Directorate General of
Small Industry and eight provinces (3) government
<development plan> (4) visits to organizations and
<research centre>s (5) development of linkages with
national, local and international sources of information
and documentation (6) <role of UNIDO>, <FAO>, <UNCTAD> (7)
pilot information and documentation centres required
<financing>, <equipment> and supplies (9) <training
programmes>, <industrial extension>, <technology
transfer>. <Job description>, <list of documents>.
<Restricted>.

ENGL

01.20

13337

1984

Wijesingha, Dissanayake

UNIDO

(R) PHILIPPINES. TECHNICAL REPORT: LEATHER GOODS DESIGN AND
SAMPLE MAKING.

US/PHI/79/109

Vienna, 1982. 45 p.

UNIDO-UNIDO/IO/R.106

<UNIDO pub>. <Expert report> on assistance in <leather
goods> design and sample making in the <Philippines> -
covers (1) activities of a <training centre>: counterpart
<training>, <product development>, <industrial services>
(2) <industrial extension> and training for <factory>s (3)
<skilled workers>; <hides and skins>, <raw material>,
accessories, <product design>. <Recommendations>, outline
of <training programmes>. <Restricted>.

ENGL

32.40

13338 1984
Karlsen, Jan
UNIDO
(R) NEPAL. STRENGTHENING THE ROYAL DRUGS RESEARCH LABORATORY.
TERMINAL REPORT.
DP/NEP/80/003
Vienna, 1984. 64 p. tables, diagrams.
UNIDO-DP/ID/SER.B/446

<UNIDO pub>. <Final report> on assistance to a
<laboratory> serving <pharmaceutical industry> in <Nepal> -
covers (1) improvement of <instruments> and <equipment> to
meet requirements of <research>, <distilling>, screening
and <chemical analysis> (2) <training assistance> (3) work
plan regarding <essential oils>, <medicinal plants> and
<quality control>. <Recommendations>, <job description>,
tables, list of plants growing in Nepal. <Restricted>.

ENGL
35.60

13339 1983
UNIDO
MICROELECTRONICS MONITOR. NO. 8.
Vienna, 1983. 102 p. tables.

::::
<UNIDO pub> containing information on development and use
of micro<electronics> - covers: news and events; recent
developments; <market> <trend>s; <industrial
application>s; <computer programmes>; robotics; country
reports; <legislation> and <standards>; <social aspects>
and <economic implications>; <informatics>; recent
publications. Additional references: <computer>s,
<automation>, <process control>, <integrated circuits>,
<research and development>, <advanced technology>.

ENGL
38.10

13340 1983
Nespoulous-Neuville, Andre
UNIDO
(R) GUINEE. SEMINAIRE SUR L'EVALUATION DES PROJETS.
AR/GUI/82/001
Vienna, 1983. 54 p.

::::

<UNIDO pub>. <Report> on a <seminar> regarding <project evaluation> in <Guinea> - covers: venue, level of participants coming from <public administration> organizations concerned principally with <small scale industry>, <medium scale industry> and <handicraft promotion> projects; <training programmes>, <documentation>, methodology of the meetings; evaluation of the seminar. <List of participants>, <questionnaire>. <Restricted>.

FREN
14.80

13341 1983
Jackson, Basil T.B.
UNIDO
(R) BANGLADESH. TECHNICAL REPORT: ASSISTANCE TO THE SPINNING SECTOR.
DP/BGD/82/006
Vienna, 1983. 34 p. tables.

::::

<UNIDO pub>. <Expert report> on assistance to the <spinning> sector in <Bangladesh> - covers (1) <domestic production> of <cotton> <yarns> and cloth, improvement in <quality control>, <maintenance and repair> of <machinery>; <productivity>; <testing> of <raw material>; use of <manmade fibres> (2) <training assistance>, <organizational aspects>, rationalization, <transport> difficulties; evaluation of individual <factory> performances. <Recommendations>, <statistics>. <Restricted>.

ENGL
32.30

13342 1984
Zantvliet, G.F. van
UNIDO
(R) BANGLADESH. TEXTILE INDUSTRY DEVELOPMENT PROGRAMME.
DHAKA. FINAL REPORT. WORKSHOP ENGINEERING ASSIGNMENT 1981-
1984.
DP/BGD/82/006
Vienna, 1984. 12 p. tables.
::::
<UNIDO pub>. <Final report> regarding assistance to
<textile industry> in <Bangladesh> - covers (1) visit to
<development centre>, survey of <engineering> and
<workshop> facilities to determine <equipment> and
<machine tools> needed for the manufacture of <spare
parts>; introduction of preventive <maintenance and
repair> system, upgrading of workers <skills> (2)
<training programmes>. <Recommendations>, tables.
Additional references: <spinning>, <weaving>, <textile
finishing>. <Restricted>.
ENGL
32.30

13343 1983
Wanjun, Wang
UNIDO
(R) ECONOMIC AND TECHNICAL CO-OPERATION AMONG DEVELOPING
COUNTRIES FOR PROMOTING AGRICULTURAL MACHINERY INDUSTRY.
(FIRST DRAFT).
Vienna, 1983. 22 p.
::::
<UNIDO pub>. <Expert report> on <ECDC> and <TCDC> for
promotion of <agricultural machinery> industry (based on
experience in <China>) - covers (1) potential contribution
of China to <information exchange>; <training programmes>
in <research centres>, <technological institute>s and
<machinery industry> (2) the manufacturing of
<prototype>s, the utilization of <expert>s; production
<cooperation>, supply of <equipment> and <components>;
<technology transfer> (3) list of Chinese projects in DCs,
setting up of international <development centre> for
<agricultural mechanization>, the <role of UNIDO>.
<Recommendations>. <Restricted>.
ENGL
37.20

13344

1984

Vermes, L.

UNIDO

(R) TURKEY. TRAINING IN REPAIR AND MAINTENANCE OF ELECTRONIC EQUIPMENT. TERMINAL REPORT.

DP/TUR/76/048

Vienna, 1984. 22 p.

::::

<UNIDO pub>. <Final report> on training in <maintenance and repair> of <electronic equipment> (<medical equipment>) in <Turkey> - covers (1) setting up of two <training centre>s providing <training programmes> in <electronics> for <technical personnel> in <hospital>s and <health service> (2) establishment of three <laboratory>s and purchase of <instruments> (3) <audiovisual aids>, <water supply>, <humidity>, <power supply>; importance of maintenance; <administrative aspects>. <Recommendations>. <Restricted>.

ENGL

38.20

13345

1983

Uhart, Edmond

UNIDO

(R) PARAGUAY. LA CARBONIZACION DE LA PALMA ROJA EN EL CHACO. INFORME.

DP/PAR/82/004

Vienna, 1983. 37 p. tables, illus.

::::

<UNIDO pub>. <Expert report> on assistance to <carbonization> of palm <wood> in <Paraguay> - covers (1) <laboratory> <experiment>s for production of <charcoal>; technology employed, results according to varying <temperature> in different type <kiln>s (2) the utilization of existing <timber> resources (3) <energy> requirements and the use of coal; technology of <bricks> kilns and portable metallic kilns (4) <economic aspects>, <capital costs>, <amortization>, <wages>. <Recommendations>, <statistics>, illustrations. <Restricted>.

SPAN

35.20

13346

1983

Lenaers, M.L.

UNIDO

(R) TUNISIE. ASSISTANCE AU CENTRE NATIONAL DU CUIR ET DE LA
CHAUSSURE. RAPPORT TECHNIQUE.

DP/TUN/77/001

Vienna, 1983. 21 p.

::::

<UNIDO pub>. <Expert report> concerning assistance to
<shoes> manufacture in <Tunisia> - covers (1) objectives
and organization of <training programmes> at a <leather>
<development centre> to improve <product design>, development of <prototype>s (2) visits to <factory>s,
checking on <quality control> and on utilization of
existing <machinery>; technology, <training> (3) <economic
aspects>, need for participation in <trade fair>s and
fashion events. <Recommendations>. <Restricted>.

FREN

32.40

13347

1983

Hadzeriga, P.

UNIDO

(R) ZIMBABWE. PRODUCTION OF LITHIUM CHEMICALS. TERMINAL
REPORT.

SI/ZIM/82/801

Vienna, 1983. 20 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> regarding potential for
<lithium> <chemicals> production in <Zimbabwe> - covers
(1) <ore processing> from <tin> concentrate <waste
utilization>; extent and location of <mineral resources>;
<market> potential, processing technology (2) <world
production> and <world consumption>; utilization of
mineral for production of <aluminium>, <ceramics>,
<glass>, <pharmaceuticals>; <production costs>.
<Recommendations>, tables, <bibliography>, <diagram>s.
<Restricted>.

ENGL

36.20

13346

1983

Widhani, N.K.

UNIDO

(R) SAUDI ARABIA. INDUSTRIAL ADVISORY SERVICES. FINAL REPORT.

DP/SAU/81/008

Vienna, 1983. 14 p.

::::

<UNIDO pub>. <Final report> on promotion of <metalworking industry> and establishment of required <workshop>s in <Saudi Arabia> - covers (1) design and manufacture of special precision <tools> and <spare parts> for <industrial services> and as a prerequisite for industrial development; <public financing> for installation of <engineering> <machinery> and <equipment> (2) <recruitment> and assignment of <technical personnel>, planning for procurement of materials for standard <components> and <machine tools> <steel>; requirements of <engineers> and <skilled workers>; <management> problems; <costs> of <import substitution>. <Recommendations>. <Restricted>.

ENGL

37.10

13349

1983

Orfaly, Talaat

UNIDO

(R) ZAIRE. ETUDE D'OPPORTUNITE POUR L'IMPLANTATION D'UNE USINE DE CARBURE DE SILICIUM.

DP/ZAI/81/015

Vienna, 1983. 131 p. tables, diagrams, maps, illus.

::::

<UNIDO pub>. <Expert report> regarding feasibility of setting up a <silicon> <carbide> (carborundum) plant in <Zaire> - covers (1) <raw material>s needed: <sand> and <wood wastes> locally available; <coke>, <salt>, <caustic soda> and <sulphuric acid> to be imported; <location of industry> in Inga <Free Zone> utilizing <hydroelectric power> (2) <world production> and <demand>, <export>s, <import>s, <prices>; <production capacity>, <production costs>, <maintenance and repair>, <wages>, <transport>; production technology employing electric <furnace>s; <equipment>, <machinery>, <manpower>, <financing>. <Recommendations>, <statistics>, <maps>, <job description>, illustrations, <bibliography>. <Restricted>.

FREN

35.30

13350

1983

Antinori, Ubaldo

UNIDO

(R) HONDURAS. PROPUESTAS PARA LA IMPLEMENTACION DE UN PROGRAMA DE DESARROLLO INTEGRAL AGROINDUSTRIAL.

DP/HON/82/019

Vienna, 1984. 112 p. tables, diagrams.

::::

<UNIDO pub>. <Expert report> on a programme for <agro-industry> in <Honduras> - covers (1) <institutional framework> for the development of short and long term models; <organizational aspects> (2) study of <food> requirements, priorities, survey of <development potential> (3) integration of <agri-product processing> of <vegetable oils>, <soybeans>, <sugar>, <beans>, <maize>, <rice>, <wheat>, <meat>, <fruit>, <vegetables>, <cocoa>, <tropical fruit>, <cashew nuts> (4) <technical personnel> requirements, <food technology>, <financial aspects>, <technical assistance>, <market>s. <Recommendations>, <job description>, tables, <diagram>s. <Restricted>.

SPAN

31.30

13351

1984

Miles, David, J.

UNIDO

(R) SYRIA. ASSISTANCE TO THE MUNICIPALITY OF DAMASCUS IN THE CONSTRUCTION OF A COMPOST PLANT. TECHNICAL REPORT. (MISSION OCTOBER 1983).

SI/SYR/79/802

Vienna, 1984. 6 p.

::::

<UNIDO pub>. <Expert report> on assistance in setting up a <composting> plant based on <urban wastes> in Damascus, <Syria> - covers (1) recommendations for the preparation of tender documents for the construction of a <waste utilization> plant, to include all necessary <specifications> and control measures (2) <site assessment>, <utilities>, <transport> <vehicles> (3) compost for <fertilizer> purposes; its effect on the <soil>, <chemical analysis> of its content. <Restricted>.

ENGL

35.20

13352

1983

Krishnamachar, B.S.

UNIDO

(R) STEEL RATIONALIZATION IN BRAZIL. FINAL REPORT.

- (R) RACIONALIZACION DE ACEROS EN BRASIL. INFORME FINAL.

DP/BRA/75/003

Vienna, 1983. 4 vol. (various pagings). tables, graphs.

::::

<UNIDO pub>. <Final report> on assistance to <iron and steel industry> in <Brazil> - covers (1) general considerations (2) <planning> for rationalization of <iron> and <steel> products (3) <pilot project> for the rationalization of (a) mechanical construction steel (by chemical composition) (b) <metals> and mechanical construction steel (by mechanical characteristics). <Statistics>, standard forms, <classification>, <definition>s, <questionnaire>. Additional references: <metal products>, <product mix>, <standards>, <chemical analysis>, <import>. <Restricted>.

ENGL SPAN

36.10

13353

1984

Lothian, Niall

UNIDO

FINANCIAL MANAGEMENT AND INDUSTRIAL ACCOUNTING PRACTICES. AN

OVERVIEW FOR THE TECHNICAL MANAGER WITHIN AN ENTERPRISE.

Vienna, 1984. iv, 24 p. diagram.

UNIDO-UNIDO/IC.573

<UNIDO pub> on financial <management> and <accounting> practices in <industrial enterprise>s - covers (1) <definition> of financial management; <profitability> and liquidity; management of financial resources; <working capital> pressure points; arranging finance; the ratio of owners' <capital> to debt; classes and forms of <debt> finance; <capital investment>; accounting for external and internal users (2) the <manager>'s functions: <planning> and co-ordination, directing and <financial control> (3) components of <costs>; materials, labour, manufacturing overhead, process <costing> (4) costs relevant to management decisions (5) an example of a working capital <forecast>.

ENGL

29.40

13354

1984

Zaric, Zoran

UNIDO

(R) COMPLEX UTILIZATION OF BIOMASS FOR FOOD, ENERGY AND RAW MATERIALS.

Vienna, 1984. 48 p.

::::

<UNIDO pub>. <Expert report> on utilization of <biomass> for <food>, <energy> and <raw material>s - covers (1) evaluation of resources (2) potential for <renewable energy> use: <solar energy>, <wind energy>, <hydroelectric power>, <geothermy> (3) existing biomass production in <agriculture>; crop <farming>; <livestock> breeding and <fishery>; <forestry>; final uses of biomass (4) <development potential>; improved land use, <productivity>, <energy economics>; use of <agricultural wastes>; <industrial wastes> (5) alternative biomass <planning>: <sugar> and <starch> crops, <oil plants> and <hydrocarbons>, <aquaculture> (6) biomass processing <technology> (7) <data bank>s and <systems analysis>. Additional references: <fuel>, <fermentation>, <biogas>. <Restricted>.

ENGL

35.50

13355

1983

Dean, Trevor W.R.

UNIDO

(R) TURKEY. PAPER AND BOARD COATING.

DP/TUR/81/018

Vienna, 1983. 52 p. tables, graphs, diagrams.

::::

<UNIDO pub>. <Expert report> to <pulp and paper industry> in <Turkey> with special reference to paper and board <coating process> - covers (1) setting up of <training programmes> and <research> teams in two <factory>s concerning problems of <maintenance and repair> and <testing> of the <machinery>; <laboratory> assistance in the practice of <quality control> for <coatings> for <paper> and <cardboard> (2) the utilization of filler <clay>; <marketing> discussions with customers; <straw> used as <raw material>; <equipment> requirements, <training>, <fellowships> for <technical personnel>. <Recommendations>, tables, graphs. <Restricted>.

ENGL

32.10

13356

1984

Talmage, Elinor

UNIDO

CONSULTATION ON THE LEATHER AND LEATHER PRODUCTS INDUSTRY,

3RD, INNSBRUCK, AUSTRIA, 1984

MARKETING LEATHER AND LEATHER PRODUCTS IN THE U.S.A.

Vienna, 1984. 22 p. tables.

UNIDO-ID/WG.411/8

<UNIDO pub> on the <marketing> of <leather> and <leather goods> in <USA> - covers (1) characteristics of the <market>, the ratio between <export>s and <import>s (2) the import of finished or semifinished leather; the impact of <foreign exchange> requirements and lack of technological <knowhow> on the export programme of <developing countries>; <trade> channels, <tanning> assistance (3) the import of <leather industry> products (<shoes>, <gloves>, handbags, <luggage>); marketing techniques and possibilities; need for <cooperation>. <Recommendations>, <statistics>.

ENGL

32.40

13357

1984

Hunt, Norman C.

UNIDO

(R) UNIVERSITY-INDUSTRY LINKAGE. GUIDE TO THE ESTABLISHMENT OF INDUSTRIAL LIAISON UNITS IN DEVELOPING COUNTRIES.

Vienna, 1984. 56 p.

::::

<UNIDO pub>. <Expert report> on establishment of units linking <industry and higher education> in <developing countries> - covers (1) opportunities and objectives of such units (2) functions of units in promoting <industrial services>, <technology transfer>, <training>, <consulting> and <small scale industry> (3) <organizational aspects> and <management> (4) national and international <cooperation>; <role of UNIDO>. Model <job description> and project proposal. <Restricted>.

ENGL

12.40

13358 1983
Riedel, Juergen
UNIDO
(R) GLOBAL PROSPECTS FOR THE DEVELOPMENT OF THE CONSTRUCTION
AND BUILDING MATERIALS INDUSTRY. DRAFT.
Vienna, 1983. 47 p. tables.

::::

<UNIDO pub>. <Expert report> on <global level> prospects
for development of <building materials> and <construction
industry> - covers (1) construction growth in <developing
countries>; <raw material>s used, <productivity> record,
the rate of foreign <contract>ing; <population> growth and
<urbanization> (2) constraints; disparities in <government
policy>s in <urban planning> and basic needs; <long term>
prospects of <civil engineering> activities; <models> for
developed and <developing area>s; the elaboration of
<industrial policy>s. <Recommendations>, <statistics>.
Additional reference: <housing>. <Restricted>.

ENGL
33.10

13359 1984
Novy, Milan
UNIDO
UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
HEAT DIAGNOSES MADE ON TUNNEL KILNS AND ON BELT DRIER. BASIC
INFORMATION.
Vienna, 1984. 44 p. tables, graphs, diagrams.
UNIDO-UNIDO/IO.572

<UNIDO pub>. <Expert report> on diagnostic measurements of
heat consuming units in the <ceramics industry> from the
point of view of their operation, adjustment and <energy
saving> - covers technical parameters, objective of
measurement, diagnostic method and applied apparatuses,
<testing> results and their evaluation for (1) tunnel
<kiln> for firing wall <tiles> (2) belt drier for washed
<kaolin>. <Diagram>s, process <statistics>,
<bibliography>. Additional references: <measuring
instruments>, <drying>, <heat recovery>.

ENGL
33.30

13360 1982

Ruzzenenti, R.

UNIDO

TECHNICAL COURSE ON CRITERIA FOR THE SELECTION OF WOODWORKING
MACHINES, MILAN, 1982

MACHINES ET EQUIPEMENTS POUR L'ENTRETIEN DES OUTILS.

- MACHINES AND EQUIPMENT FOR TOOL MAINTENANCE.

Vienna, 1984. 22 p. diagram.

UNIDO-ID/WG.369/14

<UNIDO pub> on <wood technology>, with special reference
to <maintenance and repair> of tools - covers (1) need for
proper maintenance of <tools> and <equipment> (2) cleaning
procedures, use of <solvent>s and various liquids (3)
inspection and control of tools (4) sharpening of saws and
cutting tools; use of the <grinding> wheel (5) relevant
<machine tools>; <economic aspects> of use.

FREN ENGL

32.10

13361 1983

Poshakrishna, Ananda

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN

COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983

ENERGY CONSERVATION IN THAI INDUSTRIES.

Vienna, 1984. 5 p.

UNIDO-ID/WG.417/4

<UNIDO pub> on <energy saving> in industries in <Thailand>
- covers (1) the <energy conservation> implementation
programme; targets and related <industrial policy> (2)
<financing> for energy saving projects in <industrial
enterprise>s; <loan>s offered (3) <factory> surveys (4)
relevant <information service>s (5) methodology for energy
audits (6) proposed <TCDC>.

ENGL

34.10

13362

1983

UNIDO

MEETING ON ENERGY CONSERVATION IN SMALL AND MEDIUM
INDUSTRIES, KUALA LUMPUR, MALAYSIA, 1983

REPORT. (MEETING ON ENERGY CONSERVATION IN SMALL AND MEDIUM
INDUSTRIES).

Vienna, 1984. 18 p.

UNIDO-UNIDO/IS.443

<UNIDO pub>. <Report> of a <meeting> on <energy saving> in
<small scale industry> - covers (1) meeting background;
presentation of report on a relevant survey in <Malaysia>
(2) discussion of experience and measures adopted in
various <factory>s (3) consideration of establishment of
an <energy conservation> centre and of national
programmes. <List of participants>, <agenda>. Additional
reference: <ASEAN>.

ENGL

34.10

13363

1983

Patterson, Donald J.

UNIDO

(R) REPUBLIC OF KOREA. INTERNAL COMBUSTION ENGINES. TECHNICAL
REPORT.

DP/ROK/74/006

Vienna, 1983. 9 p.

UNIDO-DP/ID/SER.A/451

<UNIDO pub>. <Expert report> on assistance to production
of internal combustion <engines> in <Korea R> - covers (1)
findings based on visits to <factory>s; state of
technology; identification of problems (2) advice to
counterpart staff (3) defining <research and development>
projects (4) arranging for <training abroad> (5) lectures
given. <Recommendations>. Additional references: <research
centre>, <engineering design>, <air pollution>.
<Restricted>.

ENGL

37.30

13364

1984

Sulimma, Alfred

UNIDO

(R) INDIA. COAL GASIFICATION. COMMISSIONING OF A
THERMOGRAVIMETRIC ANALYSIS APPARATUS. TECHNICAL REPORT.

DP/IND/80/004

Vienna, 1984. 38 p. tables, diagrams, illus.

::::

<UNIDO pub>. <Expert report> on installation of <measuring instruments> (thermogravimetric analysis apparatus, TGA) for kinetic studies of <coal> <gasification> in a laboratory in <India> - covers (1) background and technical aspects of <pilot plant> at a <research centre> in Hyderabad (2) description, installation and start-up of the TGA (3) test runs performed. <Flow chart>s, process <statistics>, illustrations. Additional references: <chemical reactors>, <temperature>. <Restricted>.

ENGL

37.50

13365

1984

Stout, H.P.

UNIDO

(R) BANGLADESH. TECHNICAL REPORT: ASSISTANCE TO THE
BANGLADESH JUTE RESEARCH INSTITUTE, TECHNOLOGICAL WING.

DP/BGD/75/013

Vienna, 1984. 12 p.

UNIDO-DP/ID/SER.A/494

<UNIDO pub>. <Expert report> on assistance to the <jute> <research centre> in <Bangladesh> - covers: project personnel; <training> <fellowships>; study tours; trial production facilities; <laboratory> <equipment>; <consultant>s; liaison with industry progress reports; annual <research programmes>; status of the project. <Restricted>.

ENGL

32.30

13365

1983

UNIDO

CANE SUGAR INDUSTRY BY-PRODUCTS UTILIZATION. A GENERAL REVIEW
WITH PARTICULAR REFERENCE TO AFRICA.

Vienna, 1983. 11 p.

UNIDO-UNIDO/IO.542

<UNIDO pub> on <cane sugar> industry <by-product>s
utilization, with special reference to <Africa> - covers
(1) <sugar industry> by-products (2) <bagasse>
utilization: <fuel>, animal <feed>, <steam power>,
<charcoal>, <methanol>, etc. (3) <molasses> utilization:
<fertilizer>, <yeast>, <ethanol>, various <acid>s and
<alcohol>s (4) other by-products (5) <TDCD> possibilities.
Additional references: <fermentation>, <energy source>,
<agricultural wastes>.

ENGL

31.30

13367

1983

Oettl, M.

UNIDO

WORLD REGIONAL INPUT-OUTPUT TABLES. WORLD MODELLING WORKING
PAPER.

Vienna, 1983. 66 p. tables.

UNIDO-UNIDO/IS.371

<UNIDO pub> containing <input-output table>s for the
geographical regions of the world (reference:
<econometrics>) - (1) describes data used and methods
employed to supplement them; data sources and adjustment
(2) covers reference tables and <regional> tables.
<Statistics>. Additional references: <data processing>,
<value added>, <manufacturing>, <UNITAD models>.

ENGL

02.20

13368

1983

UNIDO

HIGH-LEVEL EXPERT GROUP MEETINGS PREPARATORY TO THE FOURTH
GENERAL CONFERENCE OF UNIDO. INDUSTRIAL DEVELOPMENT
STRATEGIES AND POLICIES FOR DEVELOPING COUNTRIES, LIMA, 1983
REPORT. (MEETING ON INDUSTRIAL DEVELOPMENT STRATEGIES AND
POLICIES).

- RAPPORT. (REUNION SUR STRATEGIES ET POLITIQUES DE
DEVELOPPEMENT INDUSTRIEL).
- INFORME. (REUNION SOBRE LAS ESTRATEGIAS Y POLITICAS DE
DESARROLLO INDUSTRIAL).

Vienna, 1984. 72 p.

UNIDO-ID/WG.391/12

<UNIDO pub>. <Report> of a <meeting> on <industrialization
policy>s for <developing countries> - covers (1)
background and aims of the meeting (2) issues in
industrial strategies and policies in the 1980s and 1990s:
global <economic conditions> and interrelationship;
<financing>; international <trade>; capacities in
<science> and <technology>; <ECDC>; <educational needs>,
<training> (3) indicated policy measures; <national level>
<economic policy>, <cooperation>, the <role of UNIDO> (4)
reports of working groups. <Agenda>, <list of
participants>, <list of documents>. Additional references:
<North-South>, <South-South>, <export oriented industry>,
<domestic market>.

ENGL FREN RUSS SPAN

14.60

13369

1984

Samii, Cyrus

UNIDO

STUDY ON THE ALTERNATIVE SUBSTITUTES FOR DIESEL ENGINE FUEL.
Vienna, 1984. 58 p.

::::

<UNIDO pub>. <Expert report> on substitutes for <diesel
engines> <fuel> - covers (1) diesel engines and <engine
fuel> (2) criteria for selection of fuel substitutes:
technical and <economic aspects>; <environment>al and
safety considerations (3) potential substitutes:
<vegetable oils>; producer <gas>; <ethanol> and <methanol>
(<alcohol>s); liquefied <petroleum> gas; <natural gas>
<methane>; solid fuels; <hydrogen>; <petroleum products>
heavier than diesel fuel (4) suggested <cooperation> and
projects; <technical assistance>, <role of UNIDO>.
<Recommendations>, <bibliography>. Additional references:
<energy source>, <electric power>. <Restricted>.

ENGL

34.30

13370

1984

Balabanov, T.

UNIDO

(R) COMPARATIVE STUDY OF POLICY INCENTIVES FOR INDUSTRIAL ENERGY CONSERVATION.

Vienna, 1984. 43 p.

::::

<UNIDO pub>. <Expert report> regarding policy incentives for industrial <energy conservation> - covers (1) appropriate industrial <energy> <pricing>; components of energy <tax>es and their rationale (2) fiscal and financial <incentives> (3) creating an <infrastructure> for promoting <industrial policy> incentives: <legislation>, <institutional framework>, audit, <technical assistance>, <training programmes>, energy <information service>, target setting and reporting (4) examples of <energy saving> measures in seven countries of <Asia>. <Bibliography>. <Restricted>.

ENGL

34.10

13371

1983

UNIDO

CONSULTATION ON THE PHARMACEUTICAL INDUSTRY, 2ND, BUDAPEST, 1983

REPORT. (CONSULTATION ON PHARMACEUTICAL INDUSTRY).

- RAPPORT. (CONSULTATION SUR L'INDUSTRIE PHARMACEUTIQUE).

- INFORME. (CONSULTA SOBRE LA INDUSTRIA FARMACEUTICA).

Vienna, 1983. 72 p.

UNIDO-ID/311

UNIDO-ID/WG.393/19

<UNIDO pub>. <Report> of a <meeting> on the <pharmaceutical industry> - covers (1) background and organization (2) reports and discussions concerning (a) <contract>ual arrangements for production of drugs (b) <supply>, <pricing> and <technology transfer> (c) drugs based on <medicinal plants> (d) <vaccines> production in <developing countries>. <Recommendations>, <list of participants>, <list of documents>. Additional references: <immunization>, <quality control>, <intermediates>.

ENGL FREN RUSS SPAN

35.60

13372

1984

UNIDO

CONSULTATION ON THE LEATHER AND LEATHER PRODUCTS INDUSTRY,
3RD, INNSBRUCK, AUSTRIA, 1984

PROVISIONAL LIST OF DOCUMENTS. (CONSULTATION ON THE LEATHER
AND LEATHER PRODUCTS INDUSTRY).

- LISTE PROVISoire DES DOCUMENTS. (CONSULTATION SUR
L'INDUSTRIE DU CUIR ET DES ARTICLES EN CUIR).
- LISTA PROVISIONAL DE DOCUMENTOS. (CONSULTA SOBRE LA
INDUSTRIA DEL CUERO Y LOS PRODUCTOS DE CUERO).

Vienna, 1984. 2 p.

UNIDO-ID/WG.411/9

<UNIDO pub>. <List of documents> for a <meeting> on the
<leather industry>.

ENGL FREN SPAN

32.40

13373

1983

Milocco, Nilo

UNIDO

(R) COLOMBIA. REPORT ON THE DISAGREGATION OF MINING PROJECTS
FOR COAL.

Vienna, 1983. various pagings. tables, graphs.

::::

<UNIDO pub>. <Expert report> on <coal> <mining> projects
in <Colombia> - covers (1) technical, organizational and
<economic aspects> of the exploration, preparation and
exploitation of <mineral resources> (2) <technical
personnel>, <manpower> and <equipment> requirements for
two open pit coal production plants; premises for
underground operations; <project selection> and <project
evaluation> (3) manufacture of <machinery> and <spare
parts> components by domestic <capital goods> industries;
<equipment costs>; need for <standardization>.
<Recommendations>, tables. <Restricted>.

ENGL

21.20

13374

1984

Boudet, G.
Martuchou, M.
UNIDO

(F) MALI. RAPPORT TECHNIQUE: ETUDE DE PRE-FAISABILITE D'UNE
UNITE DE PRODUCTION DE SEL DE CUISINE.

DP/MLI/76/002

Vienna, 1984. 38 p. tables, maps.

::::

<UNIDO pub>. <Expert report> regarding feasibility of
table <salt> production in <Mali> - covers (1) sites of
<mineral resources>; <development potential> of <domestic
production> of <raw material> as <import substitution>;
its utilization for human and animal needs and for
treatment of <hides and skins>; <comparative costs> of
<import>s and of <transport>; <financial aspects> (2)
study concerning <location of industry>, calculating
<evaporation>, rain, wind velocity; <chemical analysis> of
<salt water>; alternative exploitation for <health>
purposes. <Recommendations>, tables, <maps>, <statistics>.
<Restricted>.

FREN

35.30

13375

1983

Vinierra-Gonzalez, Gustavo
UNIDO

SEMINAR/WORKSHOP ON "TECHNOLOGY TRANSFER, MANAGEMENT AND
DEVELOPMENT AND THE IMPLICATIONS OF NEWLY-EMERGING ADVANCED
TECHNOLOGIES", PORT-OF-SPAIN, TRINIDAD AND TOBAGO, 1983
BIOTECHNOLOGY FOR FOOD CONVERSIONS IN THE THIRD WORLD:
DEVELOPMENT, TRANSFER AND IMPLEMENTATION.

Vienna, 1984. 28 p. tables, graphs.

UNIDO-ID/WG.412/6

<UNIDO pub> on the use of <biotechnology> in <food
production> (based on experience in <Mexico>) - covers (1)
the increasing problem of competitive human and animal
<nutrition> in <developing countries>; use of
biotechnology in developing substitutes for <cereals>
<feed> for <cattle>; microbial <food> conversion (2)
potential users in the Third World; the <private sector>
and <public sector> (3) <research programmes>, <pilot
project>s; <cooperation> and <technology transfer>.
<Bibliography>, <statistics>. Additional references:
<farming>, <bagasse>, <molasses>, <starch>, <protein>,
<fermentation>.

ENGL

31.50

13376 1984
Heek, Karl H. van
UNIDO
(R) INDIA. COAL GASIFICATION. TECHNICAL REPORT. RETURN
MISSION.
DP/IND/80/004
Vienna, 1984. 15 p. diagram.

::::
<UNIDO pub>. <Expert report> on a <coal> <gasification>
project in <India> - covers (1) organizational aspects (2)
status of the <pilot plant>: coal preparation; <boilers>;
<oxygen> plant; gasification; <gas> cleaning; gas liquor
separation and biological treatment section; control and
<instruments>; <electrical equipment> (3) commissioning of
the pilot plant; working programme (4) supporting work:
coal and product analysis; studies on gasification
kinetics and gas conversion; modelling (5) experts and
<training programmes>. <Flow chart>. <Restricted>.

ENGL
34.30

13377 1983
Harper, J.D.
UNIDO
(R) TURKEY. TRAINING PROGRAMME IN THE IDENTIFICATION AND
PREVENTION OF FERROUS CASTING DEFECTS. TERMINAL REPORT.
DP/TUR/77/024
Vienna, 1983. 45 p.

::::
<UNIDO pub>. <Final report> on assistance to <foundry>s in
<Turkey>, with special reference to ferrous <casting> -
covers (1) <training programmes> for <engineers>
concerning problems in cast <iron> castings, pattern
design, <moulding> machine operations, <sand> and <slag>
intrusion, etc. (2) visits to <factory>s and <small scale
industry>s; assistance in <standards> and <quality
control>, <maintenance and repair>, <management>,
<planning> methods, sand <testing>, <raw material>
inspection, <metallurgy>cal <specifications>.
<Recommendations>, <job description>, <list of
participants>. Additional reference: <steel>. <Restricted>.

ENGL
36.30

13378

1983

Luther, M.M.

UNIDO

(R) TURKEY. PROGRAMMING OF THE DEVELOPMENT OF CAPITAL GOODS
INDUSTRY. TERMINAL REPORT.

DP/TUR/76/034

Vienna, 1983. 85 p. diagram.

::::

<UNIDO pub>. <Final report> on assistance in development of <capital goods> industry in <Turkey> - covers (1) use of <classification of industries> according to ISIC code system and <classification> of capital goods by SITC codes; <methodology> for <forecasting models> of <demand> (2) priority sectors, use of <computer programmes>. <Recommendations>, <flow chart>. Additional references: <engineering design>, <standardization>, <product mix>, <tools>, <quality control>, <maintenance and repair>, <manpower>, <training>, <organizational aspects>, <management>, <research>. <Restricted>.

ENGL

25.10

13379

1983

Gold, Bela

UNIDO

(R) CHANGING DETERMINANTS OF OPTIMAL SCALE IN PRODUCTION AND
EXPLORING RESULTING OPPORTUNITIES IN DEVELOPING COUNTRIES.

Vienna, 1983. 44 p. diagrams, graphs.

::::

<UNIDO pub>. <Expert report> on problems of optimal <economy of scale> and <production capacity>s and their implications for <industrial policy> in <developing countries> - covers (1) the sources and effects of increase in scale of <industrial enterprise>s; the determining factors such as products, <choice of technology>, <raw material>s supply; the <engineering> aspects (2) the effect of <automation>, the <competitiveness> of medium and <small scale industry>; <computer-aided manufacture> systems; the effects of <decentralization> (3) <productivity> relationships, <structural change>; <management> and <planning> factors. <Recommendations>, <bibliography>, <diagram>s. <Restricted>.

ENGL

14.60

13380

1983

Burns, H.

UNIDO

(R) INDIA. SETTING UP WEATHERING AND TESTING FACILITIES AT
CIPET, MADRAS.

DP/IND/82/044

Vienna, 1983. 38 p. tables.

::::

<UNIDO pub>. <Expert report> regarding assistance to
<plastics> testing in <India> - covers (1) <training
assistance> to <laboratory> staff at CIPET <training
centre> in <testing> under natural and artificial
exposure; setting up of <equipment>, introduction of
<standards> at weathering station under differing climatic
conditions (2) content of <training programmes>,
industrial visits. <Recommendations>, tables. <Restricted>.

ENGL

35.70

13381

1984

Nakazawa, Masao

UNIDO

(R) REPUBLIC OF KOREA. PREPARATORY ASSISTANCE FOR TOXICOLOGY
RESEARCH LABORATORY. TERMINAL REPORT.

DP/ROK/82/028

Vienna, 1984. 24 p. tables.

UNIDO-DP/ID/SER.B/439

<UNIDO pub>. <Final report> on assistance in establishment
of a <chemicals> <toxicity> <research centre> in <Korea R>
(reference: <product safety>) - covers (1) assessment of
capabilities and need for relevant research (2) review of
preliminary work plan for setting up a <laboratory> (3)
proposals for toxicology <research programmes> in terms of
facility, <staff> and <equipment>; <technical assistance>
needs (4) <training assistance>. <Diagram>s. <Restricted>.

ENGL

35.30

13382

1984

Baburek, Jiri

UNIDO

(R) YUGOSLAVIA. DRESSING OF KAOLIN AND OTHER NON-METALLIC MINERALS. TECHNICAL REPORT.

DP/YUG/82/004

Vienna, 1984. 40 p.

UNIDO-DP/ID/SER.A/500

<UNIDO pub>. <Expert report> on assistance to exploitation of <kaolin> and other <nonmetallic minerals> in <Yugoslavia> - covers (1) exploitation and dressing of kaolin from six deposits (2) the activation of <ceramics> kaolin and of kaolin from <plastics> and <rubber> uses (fillers) (3) use of pyrophyllite; <calcium carbonate> (4) <research> and use of <bentonite> and zeolite in <agriculture> (5) a <pilot plant> for kaolin and <clay> dressing; <laboratory> <equipment>; <training assistance>. Additional references: <ore processing>, <refractory materials>. <Restricted>.

ENGL

33.30

13383

1984

Atkin, Michael

Higham, Robert D.

UNIDO

THE LEATHER AND LEATHER PRODUCTS INDUSTRY: TRENDS, PROSPECTS, AND STRATEGIES FOR DEVELOPMENT. SECTORAL STUDIES SERIES.

Vienna, 1984. 2 vol. (various pagings). tables, graphs.

UNIDO-UNIDO/IS.442

<UNIDO pub>. <Global study> of the <leather industry> - covers (1) the leather industry in the world economy (2) recent <trend>s; the <market> for <hides and skins> and for <leather> and <leather goods>; factors affecting the relative performance of <developing countries> and <developed countries> (3) difficulties overcome and problems remaining; examples of success and failure (4) prospects and <development potential>; a simple scenario for 2000; constraints on DCs (5) strategies for development and <cooperation>. <Bibliography>, <statistics>. Additional references: <supply>, <choice of technology>, <costs>, <marketing>, <demand>, <protectionism>, <trade>, <economic policy>, <regional cooperation>, <USA>, <Italy>.

ENGL

32.40

13384

1983

Lindbeck, Assar

UNIDO

(R) POSSIBILITIES AND OBSTACLES OF INDUSTRIALIZATION OF THE DEVELOPING COUNTRIES. THE INTERNATIONAL ECONOMIC ENVIRONMENT AND THE POSSIBILITIES OF DOMESTIC PRODUCTIVITY GROWTH IN DEVELOPING COUNTRIES.

Vienna, 1983. 54 p.

::::

<UNIDO pub>. <Expert report> on potential <productivity> growth and <industrialization> in <developing countries> - covers (1) the DCs share of the world's <manufacturing> output; economic <trend>s in <developed countries>, future development of <OECD> countries and of <planned economy>s; impulses from <market economy>s to DCs and vice versa; interaction with <socialist countries> (2) <North-South> relations: <capital> movement, <trade>, <investment>, <technology transfer> (3) <South-South> relations: free trade, <bilateral agreement>s, <industrialization>, <incentives>, <human resources>, <training> (4) increased production as prerequisite for improvement of <standard of living>. <Restricted>.

ENGL

24.40

13385

1984

Narasimhan, R.

UNIDO

GU DELINES FOR SOFTWARE DEVELOPMENT IN DEVELOPING COUNTRIES. Vienna, 1984. 87 p. tables.

UNIDO-UNIDO/IS.439

<UNIDO pub> giving guidelines for development of <computer programmes> in <developing countries> - covers (1) software as technology and as <engineering> (2) software produced in <developing countries>: historical background; structure of the industry; strategies, policies and <trend>s (3) software needs of the DCs (4) promoting <self help> in software production (5) issues in <manpower> development; required <training> (6) initiatives needed; <cooperation>; the <role of developing countries>; the <role of UNIDO> and other UN agencies. <Bibliography>. Additional references: <informatics>, <knowhow>, <technical personnel>.

ENGL

01.30

13386

1982

Canevari, G.P.

UNIDO

TECHNICAL COURSE ON CRITERIA FOR THE SELECTION OF WOODWORKING MACHINES, MILAN, 1982

SAFETY STANDARDS FOR THE ERECTION AND MAINTENANCE OF ELECTRICAL INSTALLATIONS.

- NORMES DE SECURITE POUR LA MISE EN PLACE ET L'ENTRETIEN DE L'INSTALLATION ELECTRIQUE:

Vienna, 1984. 35 p.

UNIDO-ID/WG.369/15

<UNIDO pub> on <industrial safety> standards for installation and maintenance of <electrical machinery>, with special reference to <wood technology> - covers (1) preliminary considerations; proper functioning and safety; electrical hazards and relative protection (2) survey of developments in <power supply> parameters; <standardization> of distribution system; safety requirements for each system (3) electrical connexion criteria for <machinery>; machine <maintenance and repair> instructions. <Bibliography>.

ENGL FREN

38.20

13387

1984

UNIDO

A SILICON FOUNDRY TO SERVICE DEVELOPING COUNTRIES' NEEDS: A PRELIMINARY APPROACH.

Vienna, 1984. 10 p.

UNIDO-UNIDO/IS.444

<UNIDO pub> on a <silicon> <foundry> serving the needs of <developing countries> (reference: <integrated circuits>) - covers (1) <trend>s in micro<electronics> and the needs of developing countries (2) silicon foundry approach for DCs (3) <investment> estimates; <capital costs> and <production costs> (4) <training programmes>. <Bibliography>.

ENGL

38.20

13388

1984

UNIDO

THE UNIDO PROGRAMME OF TECHNOLOGICAL ADVANCES:

MICROELECTRONICS.

Vienna, 1984. 11 p.

UNIDO-UNIDO/IS.445

<UNIDO pub> on the <role of UNIDO> in the field of micro <electronics> - covers (1) actions by UNIDO at the international level (2) <regional level> and <national level> activities (3) relevant publications issued by UNIDO (4) operational <technical assistance> projects implemented by UNIDO. <List of documents>. Additional reference: <advanced technology>.

ENGL

38.10

13389

1984

Turski, Wladyslaw M.

UNIDO

SOFTWARE ENGINEERING: A SURVEY.

Vienna, 1984. 18 p.

UNIDO-UNIDO/IS.446

<UNIDO pub> on <computer programmes> <engineering> - covers (1) main directions; emphasis on software "correctness" (2) specification-based methods of programming (3) approaches to <specifications> of software (4) software life-cycle; modular design; software modification; software tools (4) non-procedural languages and other advanced concepts in programming (5) software engineering <management>.

ENGL

01.30

13390

1984

UNIDO

BESSEL ASSOCIATES, ENGLAND

STRATEGIES FOR INCREASING THE PRODUCTION OF TANNING CHEMICALS
IN DEVELOPING COUNTRIES. SECTORAL WORKING PAPER SERIES.

Vienna, 1984. 63 p. tables.

UNIDO-UNIDO/IS.448

<UNIDO pub> on increasing production of <tanning>
<chemicals> in <developing countries> - covers (1)
production of <leather> to 2000 (2) tanning chemicals:
properties and uses; general purpose chemicals; basic
tanning chemicals; performance chemicals: bates,
bactericides, synthetic materials, <oils and fats>,
<dyeing> auxiliaries, <dyes>, leather finishes (3)
requirements 1980-2000; <development potential> for
production in DCs; technical and <economic aspects>;
<infrastructure> and logistics; <government policy>s (4)
<choice of technology>; possibility for substitutions (5)
strategies for development; modalities for <cooperation>.
<Statistics>. Additional references: <sodium>, <chloride>,
<ammonia>, <sulphate>, <sulphuric acid>, <sodium
carbonate>, <calcium>.

ENGL

32.40

13391

1983

Drevo, Jan

Engelthaler, Zdenek A.

Komissarov, G.

UNIDO

UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN

IN-PLANT TECHNICAL WORKSHOP ON CONSERVATION AND MANAGEMENT IN
CERAMIC INDUSTRIES, PILSEN, CZECHOSLOVAKIA, 1983
FINAL REPORT. (MEETING ON ENERGY CONSERVATION IN CERAMICS
INDUSTRY).

Vienna, 1983. 28 p.

::::

<UNIDO pub>. <Report> of a <meeting> on <energy saving>
and management in <ceramics industry> - covers (1)
background and organizational matters (2) theoretical and
practical topics covered in <training programmes>.
<Recommendations>, <list of participants>, <list of
documents>, programme <evaluation>. Additional references:
<choice of technology>, <raw material>s, <heat recovery>.

ENGL

33.30

13392

1983

UNIDO

ESCAP

UNIDO/ESCAP SYMPOSIUM ON CONTRACTS FOR THE CONSTRUCTION OF
OIL AND GAS PIPELINES, JAKARTA, 1983

(R) DRAFT REPORT. (SYMPOSIUM ON CONTRACTS FOR CONSTRUCTION OF
PIPELINES).

Vienna, 1983. 15 p.

::::

<UNIDO pub>. <Report> of a <meeting> on <contract>s for
the construction of <petroleum> and <natural gas>
<pipeline>s, with special reference to the <ESCAP> region -
covers (1) <choice of technology> in the pipeline
<construction industry>; provision for international
offshore and onshore pipeline contracts; relevant
practices in ESCAP region contracts; development of
guidelines for national oil companies in <developing
countries> (2) consideration of issues; <technology
transfer>, <knowhow>, <legal aspects>. <Recommendations>,
<list of participants>, <list of documents>. <Restricted>.

ENGL

39.20

13393

1983

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983

AIDE-MEMOIRE. (MEETING ON ENERGY CONSERVATION, ASEAN
COUNTRIES).

Vienna, 1983. 5 p.

::::

<UNIDO pub>. <Aide memoire> for a <meeting> on <energy
saving> in medium and <small scale industry> for <ASEAN>
countries - gives background information on the meeting,
briefly describes its objectives and covers organizational
matters.

ENGL

34.10

13394

1984

UNIDO

DISCUSSION MEETING OF ORGANIZATIONS ENGAGED IN THE
APPLICATION OF INFORMATION TECHNOLOGY FOR DEVELOPMENT,
VIENNA, 1984

MICROELECTRONICS APPLICATIONS FOR DEVELOPING COUNTRIES:
PRELIMINARY ISSUES FOR CONCERTED ACTION.

Vienna, 1984. 7 p.

UNIDO-ID/WG.419/1

<UNIDO pub> on <industrial application>s of micro
<electronics> for <developing countries> - covers (1)
actions and <cooperation> required to realize the
potential of information technology for socio-<economic
development>; opportunities for DCs (2) basic issues (a)
<information exchange> on goals and activities (b)
analysis of gaps, complementarities, and common ground (c)
possible co-operation mechanisms (d) assembling a roster
of <expert>s (e) <silicon> <foundry> for <integrated
circuits> for joint use by DCs.

ENGL

38.10

13395

1984

Miles, David J.

UNIDO

(R) SYRIA. ASSISTANCE TO THE MUNICIPALITY OF DAMASCUS IN THE
CONSTRUCTION OF A COMPOST PLANT. TECHNICAL REPORT.
(MISSIONS IN MAY AND JULY 1983).

SI/SYR/79/802

Vienna, 1984. 21 p.

::::

<UNIDO pub>. <Expert report> on assistance in setting up a
<composting> plant processing <urban wastes> in Damascus,
<Syria> - covers: <site assessment>; meeting with
<engineering> consultants; prequalification documents and
questionnaire for prospective bidders; <recycling> of
<plastics>; <recovery> process. <Recommendations>.
Additional reference: <waste disposal>. <Restricted>.

ENGL

35.20

13396

1984

Felsner, Gerhard

UNIDO

(R) PDR YEMEN. INSTALLATION AND OPERATION OF TANNERY
MACHINERY, ADEN. TECHNICAL REPORT.

RP/PDY/83/001

Vienna, 1984. 28 p.

::::

<UNIDO pub>. <Expert report> on assistance in installation of <tanning> <machinery> in <Yemen PDR> - covers (1) state of the tannery in general (2) machinery and <equipment> provided by the project (supplied from <Yugoslavia>) (3) matters concerning production of <leather> (4) <training assistance> and specific activities. <Recommendations>, <statistics>. Additional references: <hides and skins>, <water treatment>. <Restricted>.

ENGL

32.40

13397

1983

Urien, Rene

UNIDO

(R) ALTERNATIVE STRATEGIES FOR BUILDING MATERIAL INDUSTRIES
IN DEVELOPING COUNTRIES.

Vienna, 1983. 64 p. tables, graphs.

::::

<UNIDO pub>. <Expert report> on alternative strategies for <building materials> industries in <developing countries> - covers (1) ratio between per capita <income> and <housing> <costs>; <classification> of housing supply; <appropriate technology> and the use of local <raw material>s; costs of <energy>; <maintenance and repair> (2) criteria for <choice of technology>; <industrial policy>s (3) <cement> mixing and <bricks> making techniques; <research and development>, <pilot project>s using <soil> materials; <components> made of <lime>, <portland cement>, <pozzolana>, plaster; <waste utilization>. <Recommendations>, <statistics>. <Restricted>.

ENGL

33.20

13398

1983

Crainey, Mary

UNIDO

(R) BRAZIL. DEVELOPMENT OF METROLOGY, STANDARDIZATION AND INDUSTRIAL QUALITY IN ALL SECTORS OF INDUSTRY. FINAL REPORT.

DP/BRA/82/020

Vienna, 1983. 59 p. tables.

::::

<UNIDO pub>. <Final report> on assistance in <metrology> and industrial <standardization> in <Brazil> - covers (1) <institutional framework>; <methodology> for publishing notification of technical <regulations> and <standards> (2) <organizational aspects> of the <documentation> collection and <information centre> (CEDIN); <indexing> of standards; energy point for <GATT> and <ISO> <information exchange> (3) <seminar> on standardization in <iron and steel industry>; <in-plant training> of <counterpart personnel>. Annexes information of GATT standards code. <Recommendations>, tables. <Restricted>.

ENGL

25.50

13399

1984

Elliott, Roy G.H.

UNIDO

(R) SUDAN. ASSISTANCE IN PUTTING INTO OPERATION LABORATORY EQUIPMENT FOR TANNERIES. TERMINAL REPORT.

RP/SUD/83/005

Vienna, 1984. 34 p. tables.

::::

<UNIDO pub>. <Final report> on assistance to a <tanning> <laboratory> in <Sudan> - covers (1) the production of <hides and skins>; the activities of the leather institute; <equipment> requirements for <testing> of <leather>; introduction of <quality control> methods (2) need for more <technical information> on all aspects of <leather industry>; improved utilization of <livestock> <by-product>s; need for <training> on <export> quality control and <process control> and establishment of <standards>. Listing of physical and chemical test methods. <Recommendations>, tables, <bibliography>. <Restricted>.

ENGL

32.40

13400

1983

Rao, A.V.R.

UNIDO

(R) KUWAIT. STRENGTHENING STANDARDIZATION AND QUALITY CONTROL
IN BUILDING MATERIALS. FINAL REPORT.

DP/KUW/83/001

Vienna, 1983. 62 p.

::::

<UNIDO pub>. <Final report> on improvement of
<standardization> and <quality control> in <building
materials> in <Kuwait> - covers (1) existing <testing>
facilities for <lime> and <sand>-lime <bricks>, <cement>,
<asbestos> cement, <sanitary wares>; <prefabricated
building> for <housing>; <paints and varnishes>, <steel>
<pipe>, <foundry>s, <insulation> materials, <aluminium>
doors and windows; visits to <laboratory>s, installation
of <equipment> (2) <training programmes> on certification
marking scheme and quality control; <technical assistance>
requirements. <Recommendations>. <Restricted>.

ENGL

33.20

13401

1982

Salvador, Galo H.

UNIDO

POLITICA INDUSTRIAL DEL ECUADOR DURANTE LA DECADA DE LOS
SETENTA. ESTUDIOS SOBRE COOPERACION REGIONAL EN EL SECTOR
INDUSTRIAL.

Vienna, 1982. 215 p. tables, diagrams.

UNIDO-UNIDO/IS.332

<UNIDO pub>. <Expert report> on <industrial policy>s in
<Ecuador> - covers (1) basic objectives and strategies,
<institutional framework>; <fiscal policy>, <foreign
exchange>, <commerce>, <credit policy>, <banks>, <tariff
policy>, <industrial promotion>, <export promotion> (2)
<regional cooperation> and <development aid>; <technical
assistance> programmes (3) <legislation> regulating
commercial and <industrial enterprise>s; <technology
transfer>, <patents> and <license>s; <wages>, <trade
unions>, <employment>; <science> and <technology>;
<training> and <education>; trends in the <second
development decade>. Tables, <diagram>s, <statistics>.

SPAN

14.60

13402 1983

Echeverria, Javier Iguiniz

UNIDO

POLITICA INDUSTRIAL DEL PERU DURANTE LA DECADA DE LOS
SETENTA. ESTUDIOS SOBRE COOPERACION REGIONAL EN EL SECTOR
INDUSTRIAL.

Vienna, 1983. 165 p. tables.

UNIDO-UNIDO/IS.366

<UNIDO pub>. <Expert report> on <industrial policy> in
<Peru> - covers (1) basic objectives and strategies; the
importance of the <public sector>; <legislation> and
<social policy>s (2) <economic policy> in relation to
<financial control>, <foreign exchange>, <tariffs>,
<taxation>, <export promotion>, <foreign investment>s (3)
<educational policy>, <technical education>; <technology
policy> and <technology transfer> (4) <import volume>,
<export volume>; <productivity> indexes during the <second
development decade>; the value of <regional cooperation>.
<Recommendations>, <statistics>.

SPAN

14.60

13403 1982

Iturbe de Blanco, Eglee

UNIDO

POLITICA INDUSTRIAL DE VENEZUELA DURANTE LA DECADA DE LOS
SETENTA. ESTUDIOS SOBRE COOPERACION REGIONAL EN EL SECTOR
INDUSTRIAL.

Vienna, 1982. 209 p. tables.

UNIDO-UNIDO/IS.343

<UNIDO pub>. <Expert report> on <industrial policy>s in
<Venezuela> - covers (1) basic objectives and priorities;
the <national plan>; promotion of <agro-industry>,
<textiles>, <pharmaceuticals>, <petrochemicals>,
<aluminium>, <iron and steel industry>, <capital goods>,
<electronics>, <automobile industry> (2) the role of the
<public sector> and of <foreign investment>s;
<legislation> and <institutional framework> regulating
<industrial development> (3) <monetary policy>,
<taxation>, <foreign exchange>, <prices>; <development
bank>s and <credit> institutions; <import>s, <export>s,
<tariff policy>; <employment>, <trade unions>; <technology
transfer>, <standardization>, <quality control>,
<training> and <education>; <regional cooperation>.
<Statistics>.

SPAN

14.60

13404 1983

Latortue, Gerard R.

UNIDO

COTE D'IVOIRE. RAPPORT DE LA MISSION DE LA PROGRAMMATION DU
17 AU 26 OCTOBRE 1983.

Vienna, 1984. 66 p. tables.

UNIDO-UNIDO/PC.95

<UNIDO pub>. <Mission report> on <industrial programming>
in <Ivory Coast> - (1) reviews the sectors of <industrial
planning>, <agro-industry>, <wood processing>,
<management>, <training>, <small scale industry>, <medium
scale industry>, <standardization>, <research>; the
<institutional framework> (2) covers (a) <role of UNIDO>
and of the <development bank>s (b) principal <industrial
sector>s in need of <technical assistance>; their problems
(c) the objectives of the <national plan>; utilization of
local <human resources> and professional <skills> for
<industrial development> (d) <project selection>. Annexes
brief <project document>s. <Recommendations>, tables.

FREN

14.70

13405

1983

Llera, Hector

UNIDO

ASISTENCIA PREPARATORIA PARA DETERMINAR NECESIDADES Y
OBJETIVOS EN MATERIA DE COOPERACION ENTRE PAISES PARA LA
ELABORACION DE PLAGUICIDAS EN AMERICA LATINA, BUENOS AIRES,
1983

INFORME. (REUNION SOBRE LA COOPERACION ENTRE PAISES PARA LA
ELABORACION DE PLAGUICIDAS EN AMERICA LATINA).

Vienna, 1983. 42 p. tables.

UNIDO-UNIDO/IO.543

<UNIDO pub>. <Report> on a <meeting> on <pesticides>
development and controlled application in <Latin America>,
with special reference to <regional cooperation> - covers
(1) <institutional framework> for <agricultural
engineering> and <pest control> (2) relative <domestic
consumption> of pesticides; the extent of <import>s; need
for <quality control> and more information on proper use
and dangers of <toxicity> (3) the roles of the <public
sector> and <private sector>; need for co-ordination of
<regulations> for quality control and <commerce>; problems
preventing <domestic production> of <intermediates> and
more effective new products; use of <DDT>.
<Recommendations>, <list of participants>.

SPAN

35.40

13406

1984

Sobek, P.

UNIDO

(R) NIGER. PRODUCTION DE LA CHAUX VIVE. RAPPORT TECHNIQUE:
ASSISTANCE POUR AMELIORER LA PRODUCTION.

DP/NER/78/003

Vienna, 1984. 30 p. tables, diagrams, maps, illus.

::::

<UNIDO pub>. <Expert report> on assistance to <lime>
production in <Niger> - covers (1) <location of industry>;
processing methods, <productivity>, <equipment> needs;
<staff> and <workers>; utilization of products; <prices>
(2) <testing> of <raw material>s from new locations;
problems with <kiln>s (3) suggestions for <fuel>
substitution. <Recommendations>, tables, <diagram>s,
<maps>, illustrations. <Restricted>.

FREN

33.20

13407

1983

Moyano, Eduardo

UNIDO

(R) URUGUAY. PROMOCION DE PROYECTOS DE INVERSION INDUSTRIAL.
INFORME FINAL.

DP/URU/78/013

Vienna, 1983. 25 p. tables.

::::

<UNIDO pub>. <Final report> on <investment promotion> for
<industrial project>s in <Uruguay> - covers (1)
<government contribution> and <development aid> for
acquisition of <capital goods> and <financing> of experts
(2) objectives and results of <project implementation>,
including evaluation of <financial aid>; granting of
<incentives> towards industrial <investment>s of national
importance; pre-investment activities (3) <training> of
counterpart personnel; promotion of an <industrial policy>
based on <agri-product processing>; improvement of the
<capital market>; future needs of <technical assistance>.
<Recommendations>, tables. <Restricted>.

SPAN

29.20

13408

1983

Taitt, E.

UNIDO

(R) MISSION TO SRI LANKA. STANDARDIZATION AND QUALITY CONTROL.

DP/SRL/82/003

Vienna, 1983. 13 p.

::::

<UNIDO pub>. <Mission report> regarding assistance to <Sri Lanka> in <standardization> and <quality control> - covers (1) aid to national <standards institute> involving <recruitment> of international <expert>s in <industrial production> <engineering> and <quality control> (2) construction of adequate <laboratory> as prerequisite to delivery of <equipment> and <instruments>; co-ordination of <testing> facilities with national <standards> bodies in the region; establishment of national quality control committee, <training> of <management> and <technical personnel>. <Recommendations>. <Restricted>.

ENGL

25.50

13409

1983

Matthews, Ian

Oettinger, W.H.

UNIDO

(R) MEXICO. ACCELERATED INDUSTRIAL INVESTMENT IN THE STATE OF GUANAJUATO. TERMINAL REPORT.

TF/MEX/81/007

Vienna, 1983. 122 p. tables, maps, graphs.

::::

<UNIDO pub>. <Final report> regarding industrial <investment promotion> for the state of Guanajuato, <Mexico> - covers (1) <economic conditions>, <productivity>, <employment>, the <manufacturing> sector, foreign <trade>, <import>s, <export>s (2) introduction of <investment>, fiscal and export <incentives>; <institutional framework> of <financing>; <technology transfer> (3) <population> and industry; possible <industrial development> programmes; trends in <import substitution>; <competitiveness> of export <prices>, <quality control>; the <shoes> industry, <food industry>; <training> requirements. <Recommendations>, tables, <maps>, <statistics>. <Restricted>.

ENGL

29.20

13410

1983

Costarel, Serge

UNIDO

(R) MALI. ASSISTANCE AUX ATELIERS DE SIKASSO. ENTREPRISE
MALIENNE DE MAINTENANCE (EMAMA). RAPPORT TECHNIQUE.

DP/MLI/82/003

Vienna, 1983. 80 p. tables, diagrams.

UNIDO-DP/ID/SER.A/484

<UNIDO pub>. <Expert report> on assistance to
<metalworking industry> and <maintenance and repair> in
<Mali> - covers (1) setting up of facilities for
<mechanization>, <forging>, <welding>, <wood>working,
<motor vehicles> repair; <spare parts> for <agricultural
equipment>; <electrical equipment> (2) <administrative
aspects>, <marketing>, <recruitment> of personnel (3)
<financing> sources, difficulties concerning <utilities>;
proposal for construction of <pumps>. <Recommendations>,
tables, <job description>, <diagram>s. <Restricted>.

FREN

37.10

13411

1983

Marei, A.R.

UNIDO

(R) LIBYA. ASSISTANCE TO THE LIBYAN CEMENT FACTORY, BENGHAZI.
MISSION REPORT: PROGRESS OF PROJECT FROM 1 JANUARY 1982 TO
30 JUNE 1982.

TF/LIB/82/002

Vienna, 1983. 72 p. tables.

UNIDO-UNIDO/IO/R.84

<UNIDO pub>. <Expert report> on assistance to <cement
industry> in <Libya> - covers (1) <technical personnel> at
<cement> plants; <wages>, <housing>; establishment of
<training centre>, contents of <training programmes>
covering <raw material>s, <chemistry>, <fuel>s, <grinding>
(2) evaluation of <productivity>, <energy> consumption of
<kiln>s; preventive <maintenance and repair> service (3)
<laboratory> <testing> of additives, <research>
activities; proposal for production of ready mixed
<concrete> <bricks> (4) interregional <meeting> on <choice
of technology>. <Recommendations>, <list of documents>,
<statistics>. <Restricted>.

ENGL

33.20

13412

1984

Larese, Edmond

UNIDO

(R) HAUTE VOLTA. (PROMOTION INDUSTRIELLE). RAPPORT FINAL.

DP/UPV/81/003

Vienna, 1984. 67 p. tables.

::::

<UNIDO pub>. <Final report> on assistance to <industrial promotion> in <Upper Volta> (reference: <industrial estate>s) - covers (1) the establishment of the industrial estate at Bobo-Dioulasso and <technical assistance> to the industrial estate of Kossodo; <government contribution>; <institutional framework>, <technical personnel>, <fellowships>, <equipment>; problems connected with <utilities> and ownership of land (2) organization of <industrial administration>; <training programmes> for counterpart personnel; <project selection>, <project implementation>; future <budget>. <Recommendations>, <statistics>. <Restricted>.

FREN

14.70

13413

1983

Korchynsky, Michael

UNIDO

ADVANCES IN MATERIALS TECHNOLOGY: MONITOR. ISSUE NO. 1.

Vienna, 1983. 61 p. tables, graphs.

::::

<UNIDO pub> containing information on <new materials>, with special reference to high strength low <alloys> <steel> (HSLA) - covers (1) advances in materials and related <technological change>s; their implications for <developing countries> (2) manufacturing alloy steels (based on experience in <USA>) (3) new materials, products and processes in the field of alloy steel production; developments in the DCs; information sources; <cooperation>; <technology transfer>; <research>; <testing> (4) the <role of UNIDO> in promotion of <iron and steel industry>. <Statistics>, <bibliography>.

ENGL

36.20

13414 1984
UNIDO
DISCUSSION MEETING OF ORGANIZATIONS ENGAGED IN THE
APPLICATION OF INFORMATION TECHNOLOGY FOR DEVELOPMENT,
VIENNA, 1984
PROVISIONAL LIST OF DOCUMENTS. (MEETING ON INFORMATION
TECHNOLOGY FOR DEVELOPMENT).
Vienna, 1984. 1 p.
UNIDO-ID/WG.419/2
<UNIDO pub>. <List of documents> for a <meeting> on micro
<electronics> applications for <developing countries>.
ENGL
38.10

13415 1984
UNIDO
DISCUSSION MEETING OF ORGANIZATIONS ENGAGED IN THE
APPLICATION OF INFORMATION TECHNOLOGY FOR DEVELOPMENT,
VIENNA, 1984
PROVISIONAL AGENDA. (MEETING ON INFORMATION TECHNOLOGY FOR
DEVELOPMENT).
Vienna, 1984. 1 p.
UNIDO-ID/WG.419/3
<UNIDO pub>. <Agenda> for a <meeting> on micro
<electronics> applications for <developing countries>.
ENGL
38.10

13416 1984
UNIDO
DISCUSSION MEETING OF ORGANIZATIONS ENGAGED IN THE
APPLICATION OF INFORMATION TECHNOLOGY FOR DEVELOPMENT,
VIENNA, 1984
PROVISIONAL LIST OF PARTICIPANTS. (MEETING ON INFORMATION
TECHNOLOGY FOR DEVELOPMENT).
Vienna, 1984. 1 p.
UNIDO-ID/WG.419/4
<UNIDO pub>. <List of participants> for a <meeting> on
micro<electronics> applications for <developing countries>.
ENGL
38.10

13417 1983
Polo, Romulo
UNIDO
(R) CUBA. DISENO INDUSTRIAL. INFORME FINAL.
DP/CUB/81/015
Vienna, 1983. 23 p. diagrams.

::::

<UNIDO pub>. <Final report> on promotion of <engineering design> and <product design> in <Cuba> - covers: <organizational aspects> of the national <design centre>, its structure in relation to <product development>; the functions of <industrial promotion>, <training> and <information centre>s; plan of activities including <consulting> and <evaluation>; <pilot project>s; <economic implications>. <Recommendations>, <diagram>s. <Restricted>.

SPAN
26.10

13418 1983
Kristiansen, Bjoern B.
UNIDO
(R) PHILIPPINES. CITRIC ACID PRODUCTION. TECHNICAL REPORT.
ST/PHI/81/001
Vienna, 1983. 23 p.

::::

<UNIDO pub>. <Expert report> on assistance to a <research centre> in <Philippines>, with special reference to production of <citric acid> - covers (1) technology used to obtain <chemicals> from carbohydrate <agricultural wastes> in this case from <sugar cane> juice by <fermentation> process (2) conditions for the establishment of <pilot plant>; <equipment> requirements; <temperature> control, <utilities>, <training> activities. <Recommendations>. <Restricted>.

ENGL
35.30

13419

1983

Stone, C.A.

UNIDO

(R) ASSISTANCE TO THE TANZANIA INDUSTRIAL RESEARCH AND
DEVELOPMENT ORGANIZATION (TIRDO). TERMINAL REPORT.

DP/URT/78/019

Vienna, 1983. 21 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> on assistance to an industrial
<research centre> (TIRDO) in <Tanzania> - covers (1)
<organizational aspects>; constraints in <chemical
analysis> and <food technology> activities; problems
connected with <training programmes> and <fellowships> for
<staff>; <computer> installation (2) <instruments> and
<equipment> needs; <specifications> for activities in the
field of <engineering>, <electronics>, <food industry>;
<maintenance and repair>, <training> in <energy> audits
and <energy saving>; assistance to TIRDO <information
service>; <project implementation>; <equipment costs>.
<Recommendations>, tables, <diagram>s. <Restricted>.

ENGL

02.10

13420

1983

Aquino, Leticia E.

UNIDO

(R) TANZANIA. REPORT ON THE ESTABLISHMENT AND DEVELOPMENT OF
THE TIRDO INFORMATION DEPARTMENT.

DP/URT/78/019

Vienna, 1983. 28 p.

::::

<UNIDO pub>. <Expert report> on assistance in establishing
an <information service> at a <research centre> (TIRDO) in
<Tanzania> - covers (1) determination of requirements
based on visits to information sources and industries;
organization of <documentation> centre and <training>;
preparation of manual of operational procedures (2)
activities of the <technical information> and <industrial
extension> services; need for dissemination of information
on indigenous and <appropriate technology>s (3)
specialization in the areas of <engineering>, <energy
saving>, <chemistry>, <textiles> and <food technology>,
<organizational aspects>, <staff> requirements.
<Recommendations>, <list of documents>. <Restricted>.

ENGL

01.20

13421

1984

Kloetzer, O.F.

UNIDO

(R) MAJOR CONSIDERATIONS FOR INTERNATIONAL CO-OPERATION IN
THE LEATHER AND LEATHER PRODUCTS INDUSTRY. DISCUSSION PAPER.

Vienna, 1984. 15 p.

::::

<UNIDO pub>. <Expert report> on international
<cooperation> promoting <leather industry> in <developing
countries> - (1) need for <cooperation> to overcome
constraints in DCs; <government policy>s; main
requirements of the <industrial enterprise>s (2) types of
co-operation; <contractual agreements>, <joint venture>s;
<technical personnel> and <management> problems;
<training> needs; guidelines for co-operation.
<Recommendations>, <bibliography>. Additional reference:
<leather goods>. <Restricted>.

ENGL

32.40

13422

1984

Fancourt, W.G.

UNIDO

(R) CHINA. PROJECT FOR THE MANUFACTURE OF ALUMINIUM DOORS AND
WINDOWS IN GUANGZHOU. VISIT REPORT.

DP/CPR/80/045

Vienna, 1984. 20 p.

::::

<UNIDO pub>. <Final report> regarding assistance in
manufacturing of <aluminium> doors and windows for
<housing> in <China> - covers: listing of <equipment>
needed for installation of <machinery>; <electrical
appliances>; compressors providing air; shipping and
<transport> arrangements, arrival of installation
engineers; <factory layout>, <utilities>; determination of
<product design>. <Recommendations>. Additional reference:
<metal products>. <Restricted>.

ENGL

33.10

13423

1984

Lunden, Bo
Schmel, Ferenc

UNIDO

CONSULTATION ON THE LEATHER AND LEATHER PRODUCTS INDUSTRY,
3RD, INNSBRUCK, AUSTRIA, 1984

SOFT LEATHER SUBSTITUTE MATERIALS AND THEIR IMPACT ON THE
INTERNATIONAL LEATHER AND LEATHER PRODUCTS TRADE.

Vienna, 1984. 84 p. tables, graph, diagrams.

UNIDO-ID/WG.411/4

<UNIDO pub> on soft <leather> substitute materials (<synthetic>s) - covers (1) <definition>, <classification> of such materials (2) <economic aspects>; availability of raw <hides and skins>; <prices>, <market> (3) reasons for leather substitution (4) production of simulated leather: <research and development>; <raw material>s used; manufacturing processes; <effluent treatment> problems, etc. (5) techno-<economic analysis> (6) future of simulated leather: <product development>; <trend>s. Additional references: <leather goods>, <shoes>, <consumer demand>, <testing>, <trade>.

ENGL

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13424

1984

UNIDO

CONSULTATION ON THE LEATHER AND LEATHER PRODUCTS INDUSTRY,
3RD, INNSBRUCK, AUSTRIA, 1984

THE PRESENT SITUATION, CONSTRAINTS AND PROSPECTS FOR THE
LEATHER AND LEATHER PRODUCTS INDUSTRY IN SUDAN. BACKGROUND
PAPER FOR ISSUE NO. 1.

- SITUATION ACTUELLE, DIFFICULTES ET PERSPECTIVES DE
L'INDUSTRIE DU CUIR ET DES ARTICLES EN CUIR AU SOUDAN.
DOCUMENT D'INFORMATION SUR LA QUESTION NO. 1.

- SITUACION ACTUAL, LIMITACIONES Y PERSPECTIVAS DE LA
INDUSTRIA DEL CUERO Y LOS PRODUCTOS DE CUERO EN EL SUDAN.
DOCUMENTO DE BASE PARA EL PUNTO NO. 1.

Vienna, 1984. 16 p. tables.

UNIDO-ID/WG.411/6

<UNIDO pub> on the <development potential> of the <leather industry> in the <Sudan> - covers (1) the current <raw material> situation (2) existing industrial capacities in the sector (3) potential benefits to the country from increased industrial processing (4) measures to improve <productivity> of the sector: <hides and skins>; <tanning> industry. <Statistics>. Additional references: <leather goods>, <shoes>.

ENGL FREN SPAN

32.40

13425

1984

Wares Ali, A.K.M.

UNIDO

EXPERT GROUP MEETING ON SHIPBUILDING AND SHIPREPAIR
DEVELOPMENT FOR ASIAN AND THE PACIFIC COUNTRIES, JAKARTA,
1984

THE FACILITIES AND TECHNICAL ASPECTS OF SHIPBUILDING AND
SHIPREPAIR IN BANGLADESH.

Vienna, 1984. 7 p.

UNIDO-ID/WG.413/3

<UNIDO pub> on <shipbuilding> and repair in <Bangladesh> -
covers (1) dependence on <sea transport> and <inland water
transport> (2) the Chittagong dry dock; <maintenance and
repair> of ocean-going <ships>; available facilities;
required <workshop>s and <training> (3) arranging for
<technology transfer>; problems of <financing> (4)
proposal for <TCDC>.

ENGL

37.40

13426

1983

Bergmann, Heinrich W.

UNIDO

INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983

DESIGN PREPARATIONS FOR LARGE SPACE STRUCTURES.

Vienna, 1984. 33 p. graphs, diagrams, illus.

UNIDO-ID/WG.416/12

<UNIDO pub> on design of large <space> structures, with
special reference to use of <carbon fibres> reinforced
<resins> (based on experience in <Germany FR>) - covers
(1) evaluation of fibre and matrix systems; influence of
thermal cycling and of electron and <ultraviolet>
radiation (2) development of <computer programmes> for
<engineering design> (3) <research>; validation of
analytical techniques on test structures. Process
<statistics>, <diagram>s. Additional references:
<plastics>, <lamination>, <aircraft industry>.

ENGL

35.30

13427

1984

Orere, George H.

UNIDO

EXPERT GROUP MEETING ON SHIPBUILDING AND SHIPREPAIR

DEVELOPMENT FOR ASIAN AND THE PACIFIC COUNTRIES, JAKARTA,
1984

SHIPBUILDING AND REPAIR DEVELOPMENT IN PAPUA NEW GUINEA.

Vienna, 1984. 35 p.

UNIDO-ID/WG.413/4

<UNIDO pub> on <shipbuilding> and repair in <Papua New Guinea> - covers (1) significance of <inland water transport> and <sea transport>; traditional boat building <skills> and updated <knowhow> (2) categories of boat building: <village> community; village commercial; church missions; <public sector>; <private enterprise>s (3) hull <maintenance and repair>; marine <engineering> (for <engines>) (4) the consumer component; types of <ships> operators; the <fishery> industry; marine engine distribution; <timber> and other <raw material>s; <training> (5) the <domestic market>; <infrastructure>; <equipment> and facilities; <technical assistance> (6) strategies for development. Additional references: <financing>, <costs>.

ENGL

37.40

13428

1983

UNIDO

AGRO-CONSULT, DRESDEN

(R) MONGOLIA. ESTABLISHMENT OF A PILOT PRODUCTION PLANT FOR
BABY FOOD. FINAL REPORT.

SI/MON/81/802

Vienna, 1983. 2 vol. (various pagings). tables, diagrams.

::::

<UNIDO pub>. <Final report> regarding establishment of a baby <food industry> in <Mongolia PR> - covers: structural plan; basis for <pilot plant> project; concept of production programme; <product mix>; <demand>. and <production capacity>; <raw material>s and <infrastructure>; <location of industry>; <factory layout>; <factory organization>, <technical personnel>; <financing> and <economic aspects>. <Statistics>. <Restricted>.

RUSS

31.30

134 9 1983
Winters, L. Alan
UNIDO
THE IDIOM USER'S HAND BOOK. WORLD MODELLING WORKING PAPER.
Vienna, 1983. 214 p. tables.
UNIDO-UNIDO/IS.378

<UNIDO pub>. <Handbook> giving information on the IDIOM software package installed at <UNIDO> (reference: <computer programmes>) - covers (1) philosophy and history of IDIOM, a package developed to aid the specification and solution of large-scale dynamic input-output <models>; the IDIOM literature (2) an overview of basic IDIOM (3) the structure of IDIOM (4) the test run. <Bibliography>, <statistics>, <classification>. Additional references: <input-output analysis>, <econometrics>.

ENGL
01.30

13430 1983
Atkinson, D.R.
Jarman, T.R.W.
Turnbull, J.
Wholey, D.J.
UNIDO
A FACTORY CONCEPT FOR INTEGRATED CASSAVA PROCESSING OPERATIONS.
US/INT/80/006
Vienna, 1983. 134 p. tables, diagrams.
UNIDO-UNIDO/IO.534

<UNIDO pub>. <Expert report> on a concept for integrated <cassava> processing - covers (1) project background and history, <market> considerations; uses of cassava; the market in <Zambia> (2) <agriculture> requirements of the cassava crop (3) <supply> of cassava: <production costs>, <prices>, <quality standards> (4) the <factory> concept: considerations of process design; <choice of technology>, <water supply>, <effluent treatment> (5) outline of integrated cassava processing factory; <financial aspects>. <Flow chart>, <statistics>, <diagram>s. Additional references: <fertilizer>s, <transport>, <starch>, <glucose>, <pest control>, <machinery>, <agricultural mechanization>.

ENGL
31.10

13431 1983
Gustkovich, S.M.
UNIDO
(R) MONGOLIA. DEVELOPMENT OF NATURAL MINERAL PIGMENTS
MANUFACTURE. FINAL REPORT.
SI/MON/82/801
Vienna, 1983. 80 p. tables, diagrams.
UNIDO-DP/ID/SER.B/401

<UNIDO pub>. <Final report> on development of natural mineral <pigments> production in <Mongolia PR> - covers: <demand> for pigments; <prices>; relevant <mineral resources>; results of last geological <survey>; <choice of technology>, <technical personnel>, <capital>, project <costs>; <project document>. <Recommendations>, <factory layout>, <statistics>, <flow chart>s. Additional references: <import substitution>, <pilot plant>. <Restricted>.

RUSS
35.80

13432 1984
UNIDO
REGIONAL NETWORK FOR THE PRODUCTION, MARKETING AND CONTROL OF PESTICIDES IN ASIA AND THE FAR EAST
REGIONAL CONSULTATION ON HARMONIZATION OF PESTICIDE REGISTRATION REQUIREMENTS, BAGUIO CITY, PHILIPPINES, 1983
REPORT. (REGIONAL CONSULTATION ON PESTICIDES, ASIA).
DP/RAS/82/006
Vienna, 1984. 104 p. tables.
UNIDO-UNIDO/IO.574

<UNIDO pub>. <Report> of a <meeting> on <pesticides> registration (reference: <regional cooperation>, <Asia>) - covers (1) current registration status in the region (2) data requirements (3) model registration scheme (<FAO> guidelines) (4) effective national control of pesticides: their availability; <specifications>, <labelling>, <packaging> and <storage> (5) code of conduct (6) implementation at the <national level> and co-ordination of activities in the region (7) <data collecting>. <Recommendations>, working papers, <agenda>, <list of participants>. Additional references: <pollution control>, <waste disposal>, <contamination>, <product safety>, <toxicity>, <environment>.

ENGL
35.40

13433

1984

UNIDO

INTERNATIONAL SEMINAR ON STANDARDIZATION IN IRON AND STEEL
INDUSTRY, 1ST, RIO DE JANEIRO, 1983
BRAZIL. PROCEEDINGS OF THE SEMINAR ON STANDARDIZATION IN IRON
AND STEEL INDUSTRY.

Vienna, 1984. 25 p.

UNIDO-UNIDO/IO.576

<UNIDO pub>. <Report> of a <seminar> on <standardization>
in the <iron and steel industry> (based on experience in
<Brazil>) - (1) covers organization and procedural matters
(2) briefly summarizes papers and discussions dealing i.a.
with: <quality standards>; <training>; standardization at
the <industrial enterprise> level; <informatics> and
standardization; its <economic implications> and benefits
(3) outlines existing position and difficulties faced by
<developing countries> and types of assistance required.
<List of participants>, acronyms.

ENGL

36.10

13434

1984

Steyns, Roland A.

UNIDO

(R) PHILIPPINES. TECHNICAL REPORT: SHOE DESIGNING/PATTERN
MAKING.

US/PHI/79/109

Vienna, 1984. 55 p. tables.

UNIDO-UNIDO/IO/R.112

<UNIDO pub>. <Expert report> on assistance to <shoes>
manufacture in <Philippines> - covers (1) state of
footwear industry in the Philippines (2) installation of
pattern making <machinery> and <equipment> (3) preparation
of syllabi (4) <product design> and pattern making (5)
<training assistance>, lecturing, <industrial extension>.
<Recommendations>. Additional references: <small scale
industry>, <raw material>s, <leather goods>, <product
development>, <production control>. <Restricted>.

ENGL

32.40

13435 1984
Tatoiu, Mircea
UNIDO
(R) ANGOLA. ADVISORY SERVICES TO THE NATIONAL DIRECTORATE OF
PETROLEUM. TERMINAL REPORT.
SI/ANG/83/807
Vienna, 1984. 66 p. tables, graphs, diagrams, flow charts.

::::

<UNIDO pub>. <Final report> on development of
<petrochemical industry> in <Angola> - covers (1)
development of the industry on the basis of the existing
<petroleum refinery>; constraints; <development potential>
of petro<chemistry> at Luanda refinery (2) petro
<protein>s: <definition>; world <food> situation; major
<single cell protein> industrial processes; possibility to
produce s.c.p. in Angola (3) development of petrochemical
industry on the basis of associated <gas>; <fertilizer
industry>; <market> structure and <prices>.
<Recommendations>, <statistics>, <diagram>s. <Restricted>.

ENGL
35.10

13436 1983
Adlan, Syed M.
UNIDO
EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983
ENERGY CONSERVATION IN MALAYSIA.
Vienna, 1984. 6 p.
UNIDO-ID/WG.417/5

<UNIDO pub> on <energy saving> in <Malaysia> - covers (1)
the <energy> situation (2) general <government policy> on
energy (3) specific steps in <energy conservation> for (a)
the <industrial sector> (b) the <road transport> sector
(c) the household sector. General conclusions.

ENGL
34.10

13437

1983

Chatab, Irzal Nur
Ohello, J.M.P.
Sinambela, Syafar B.

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983

ENERGY CONSERVATION IN INDONESIA.

Vienna, 1984. 21 p. tables, diagrams.

UNIDO-ID/WG.417/6

<UNIDO pub> on <energy saving> in <Indonesia> - covers (1)
<government policy> on <energy conservation> (2)
conservation in the <industrial sector> (3) <methodology>
for energy audit (4) major problems in implementation of
conservation programmes (5) strengthening <ASEAN>
<regional cooperation>. <Diagram>s.

ENGL

34.10

13438

1984

Seymour, Keith G.

UNIDO

(R) INDIA. PESTICIDES DEVELOPMENT PROGRAMME. TERMINAL REPORT.
DP/IND/80/037

Vienna, 1984. 66 p. tables, graphs.

UNIDO-DP/ID/SER.B/438

<UNIDO pub>. <Final report> on assistance to a
<pesticides> development programme for <India> - covers
(1) project background; <research and development>;
<research centre>s (2) formulation ingredients; type of
formulations; <testing> and evaluation; <training> and
<choice of technology>; <cooperation> with <standards
institute> and <Insecticides> Board; <equipment> and
operations (3) facilities visited. <Recommendations>.
Additional references: <quality control>, <toxicity>,
<environment>, <regulations>. <Restricted>.

ENGL

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13439

1984

UNIDO

CONSULTATION ON THE LEATHER AND LEATHER INDUSTRY, 3RD,
INNSBRUCK, AUSTRIA, 1984

MEASURES TO FACILITATE THE PRODUCTION AND ACQUISITION OF
TANNING CHEMICALS AND FOOTWEAR AUXILIARIES IN DEVELOPING
COUNTRIES, INCLUDING REGIONAL CO-OPERATION AMONG DEVELOPING
COUNTRIES. ISSUE NO. 2.

- MESURES POUR FACILITER LA FABRICATION ET L'ACQUISITION DE
PRODUITS CHIMIQUES POUR LE TANNAGE ET DE PRODUITS
AUXILIAIRES POUR L'INDUSTRIE DE LA CHAUSSURE, Y COMPRIS LA
COOPERATION REGIONALE ENTRE PAYS EN DEVELOPPEMENT. QUESTION
NO. 2.

- MEDIDAS PARA FACILITAR LA PRODUCCION Y ADQUISICION DE
PRODUCTOS QUIMICOS CURTIENTES Y MATERIALES AUXILIARES PARA
EL CALZADO EN LOS PAISES EN DESARROLLO, INCLUIDA LA
COOPERACION REGIONAL ENTRE PAISES EN DESARROLLO. DOCUMENTO
DE DEBATE PARA EL PUNTO NO. 2.

Vienna, 1984. 14 p.

UNIDO-ID/WG.411/7

<UNIDO pub> on production and <supply> of <tanning>
<chemicals> and <shoes> auxiliaries in <developing
countries> (reference: <regional cooperation>) - covers
(1) background of deliberations to the situation with
regard to tanning chemicals and footwear auxiliaries,
considering constraints, <demand>, <development
potential>, and possible areas for regional co-operation
(2) points for discussion. Additional references: <leather
industry>, <components>, <role of UNIDO>.

ENGL FREN SPAN CHIN

32.40

13440

1984

UNIDO

A STATISTICAL REVIEW OF THE WORLD INDUSTRIAL SITUATION 1983.

- ANALYSE STATISTIQUE DE LA SITUATION INDUSTRIELLE MONDIALE 1983.

- RESEÑA ESTADÍSTICA DE LA SITUACIÓN INDUSTRIAL MUNDIAL 1983. Vienna, 1984. 22 p. tables, graphs.

UNIDO-UNIDO/IS.433

<UNIDO pub>. <Global level> <statistical analysis> of <manufacturing> in 1983 - gives statistical data on <industrial growth> and on composition of <industrial production> and trade (1) by economic groupings, by developing regions and by per capita <income> groups (2) for the <least developed countries>. Additional references: <developing countries>, <market economy>s, <planned economy>s, <value added>, <gross domestic product>.

ENGL FREN RUSS SPAN CHIN ARAB
21.20

13441

1984

Meredith, J.G.

UNIDO

(R) NEPAL. STRENGTHENING THE ROYAL DRUGS RESEARCH LABORATORY. TERMINAL REPORT.

DP/NEP/80/003

Vienna, 1984. 48 p. tables.

UNIDO-DP/ID/SER.B/434

<UNIDO pub>. <Final report> regarding assistance to a <laboratory>, serving <pharmaceutical industry> in <Nepal> - covers (1) origins and objectives of the project (2) activities and outputs: <quality control>; <research and development>; <pilot plant> (3) the <institutional framework>; <financing>, official dispositions. <Recommendations>, <job description>, <bibliography>. Additional references: <fellowships>, <microbiology>, <economic aspects>, <equipment>, <chemical analysis>. <Restricted>.

ENGL
35.60

13442

1984

UNIDO

SUBREGIONAL MEETING ON THE PROMOTION OF INTRA-AFRICAN INDUSTRIAL CO-OPERATION WITHIN THE FRAMEWORK OF THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA, BANGUI, CENTRAL AFRICAN REPUBLIC, 1984

FINAL REPORT. (MEETING ON INTRA-AFRICAN INDUSTRIAL CO-OPERATION, CENTRAL AFRICA).

- PROJET DE RAPPORT FINAL. (REUNION SUR LA COOPERATION INDUSTRIELLE INTRA-AFRICAINE, AFRIQUE CENTRALE).

Vienna, 1984. ii, 26 p.

UNIDO-ID/WG.414/4

<UNIDO pub>. <Report> of a <meeting> on the promotion of <regional cooperation> for <industrial development> in the Central <Africa>n region - covers (1) background and organizational matters; opening statements (2) presentation and discussion of (a) papers concerning an integrated <industrial promotion> programme (b) profiles of <industrial project>s regarding i.a. <food industry>, <wood processing>, <textiles>, <metallurgy>, <machinery>, <watchmaking>, <petrochemicals>, <chemicals>, <pesticides>, <pharmaceuticals>, <glass>, <cement>. <Agenda>, <list of participants>.

ENGL FREN

15.20

13443

1984

UNIDO

SUBREGIONAL MEETING ON THE PROMOTION OF INTRA-AFRICAN INDUSTRIAL CO-OPERATION WITHIN THE FRAMEWORK OF THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA, TUNIS, 1984

FINAL REPORT. (MEETING ON INTRA-AFRICAN INDUSTRIAL CO-OPERATION, NORTH AFRICA).

- RAPPORT FINAL. (REUNION SUR LA COOPERATION INDUSTRIELLE INTRA-AFRICAINE, AFRIQUE DU NORD).

Vienna, 1984. ii, 23 p.

UNIDO-ID/WG.415/4

<UNIDO pub>. <Report> of a <meeting> on the promotion of <regional cooperation> for <industrial development> in the <North Africa>n region - covers (1) background and organization of the meeting; opening statements (2) discussion of (a) papers regarding implementation of an integrated <industrial promotion> programme (b) profiles of <industrial project>s concerning i.a. <tractors>, <pumps>, <diesel engines>, <machinery>, <paper>, <food>, <textiles>, <building materials>, <glass>. <Agenda>, <list of participants>.

ENGL FREN ARAB

15.20

13444

1984

Catanaoan, P.C.

UNIDO

(R) AN EVALUATION OF THE OVERALL COCONUT INDUSTRY IN AFRICA.

US/GLO/80/005

Vienna, 1984. 20 p. tables, map.

UNIDO-UNIDO/IO/R.115

<UNIDO pub>. <Expert report> on the <coconuts> industry in <Africa> - covers (1) information on coconut production, oil milling, desiccated coconut, <export> (2) <import>s of coconut products and <vegetable oils> (3) <population> and land use (4) evaluation of the coconut industry situation. <Recommendations>, <statistics>, <maps>. Additional references: <agriculture>, <copra>, <employment>. <Restricted>.

ENGL

31.10

13445

1984

Williams, J.P.G.

UNIDO

(R) NEPAL. STRENGTHENING THE ROYAL DRUGS RESEARCH LABORATORY. TERMINAL REPORT.

DP/NEP/80/003

Vienna, 1984. 71 p. tables, diagrams.

UNIDO-DP/ID/SER.B/442

<UNIDO pub>. <Final report> on assistance to a <laboratory> serving development of <pharmaceutical industry> in <Nepal> - covers (1) setting up facilities for the pharmacological screening of <medicinal plants>; evaluation on <plant products> prepared (2) animal colony for <research> purposes (3) screening procedures; bioassay; <toxicity> <testing>; <quality control> (4) <training assistance>, <equipment>, <research programmes>. <Recommendations>, <job description>, <diagram>s. <Restricted>.

ENGL

35.60

13446

1983

UNIDO

REGIONAL SIDFA MEETING FOR AFRICA, 2ND, DOUALA, CAMEROON, 1983
(R) SUMMARY REPORT AND RECOMMENDATIONS. (SIDFA MEETING FOR
AFRICA).

Vienna, 1984. 41 p.

UNIDO-UNIDO/PC/R.8

<UNIDO pub>. <Report> of a field advisors' <meeting> on
assistance to <industrial development> in <Africa>, with
special reference to the <role of UNIDO> - summarizes
discussions and <recommendations> concerning: the
industrial development decade; <industrial policy>s and
<planning>; <factory> rehabilitation; <rural development>;
<project evaluation>; <UNIDO> IV; <technology transfer>;
<energy>; system of consultations; <investment promotion>;
<training>; <industrial study>s; <ECDC>; <nongovernmental
organizations>; <industrial project>s and <project
implementation>; SIDFA network. <Agenda>, <list of
participants>, <list of documents>. <Restricted>.

ENGL

14.60

13447

1984

Mueller, Karl

UNIDO

INDUSTRIALIZATION AND SOCIAL DEVELOPMENT, 1960-1980. SOCIAL
ASPECTS OF INDUSTRIALIZATION-WORKING PAPERS.

Vienna, 1984. 53 p. tables, graphs, diagrams.

UNIDO-UNIDO/IS.441

<UNIDO pub> on <social aspects> of <industrialization> -
(1) investigates causal relationships between social and
<economic aspects> of industrialization, with a view to
assisting industrial <development policy> formulators in
the <developing countries> to assess the impact and
implications of <industrialization policy>s on the process
of socio-<economic development> (2) socio-economic
development in 1980 and during the period 1960-1980; the
dimensions of <global level> development; the
intertemporal relationship between social and economic
development. <Bibliography>, <statistics>.

ENGL

12.10

13448 1984
Williams, Robert O.
UNIDO
(R) PHILIPPINES. DESIGN OF A RICE HULL FUELED GASIFICATION
PLANT. TECHNICAL REPORT.
DP/PHI/78/022
Vienna, 1984. 64 p. tables, diagrams.

::::
<UNIDO pub>. <Expert report> on assistance in
<gasification> based on <rice husks> <fuel> in
<Philippines> - covers (1) design of an industrial
gasification plant (2) <aluminium> <furnace> and retrofit
concept (3) system operation and design; description of
gasifier <chemical reactors>; <costs> and <economic
analysis> (4) instructions on operations and <maintenance
and repair> (5) identification of further needs.
<Diagram>s. Additional references: <biomass>,
<agricultural wastes>, <equipment>, <instruments>.
<Restricted>.

ENGL
35.20

13449 1984
Catanaoan, P.C.
UNIDO
(R) A STUDY AND EVALUATION OF THE COCONUT INDUSTRY IN KENYA.
US/GLO/80/005
Vienna, 1984. 30 p. tables.
UNIDO-UNIDO/10/R.114

<UNIDO pub>. <Expert report> on <coconuts> processing
industry in <Kenya> - covers (1) purpose and methodology
of <survey> (2) status of the coconut industry:
production; utilization; processing; <market>s for coconut
products; <prices> (3) land for coconut <agriculture> (4)
pre-feasibility study of (a) a model <copra> centre (b)
the proposed coconut <vegetable oils> <refining> in
Mombasa. <Recommendations>, <statistics>, <bibliography>.
<Restricted>.

ENGL
31.10

13450

1984

Catanaoan, P.C.

UNIDO

(R) A STUDY OF THE COCONUT PROCESSING INDUSTRY IN COLOMBIA.

US/GLO/80/005

Vienna, 1984. 62 p. tables, maps diagram.

UNIDO-UNIDO/IO/R.116

<UNIDO pub>. <Expert report> on <coconuts> processing industry in <Colombia> - covers (1) purpose and <methodology> of <survey> (2) climate, population, <agriculture> and <economic conditions> (3) the <edible oils> and fats industry (4) coconut production and processing (5) development plans and projects (6) problems and <development potential> of the industry (7) external <technical assistance>. <Recommendations>, <maps>, <statistics>. Additional references: <copra>, <prices>, <vegetable oils>, <financial aspects>, <farming>. <Restricted>.

ENGL

31.10

13451

1983

Riveros Serrato, Hernando

Salazar de Buckle, Teresa

UNIDO

COMPOSITE FLOUR WORKSHOP (FAO-UNIDO), DAKAR, SENEGAL, 1982

(R) THE EXPERIENCE OF THE ANDEAN PACT COUNTRIES IN THE FIELD OF COMPOSITE FLOURS FROM THE TECHNOLOGICAL, ECONOMIC AND SOCIAL ASPECTS.

Vienna, 1983. 56 p. tables, graphs, diagrams, flow charts.

UNIDO-UNIDO/IO/R.101

<UNIDO pub> regarding experience in <Andean Group> countries in the field of composite <flour>s - covers (1) the Andean Pact (2) the production-<consumption> system of <wheat> (?) composite flours as a partial wheat <import substitution>: <choice of technology>; <methodology> for <economic analysis>; pre-<feasibility study>s (4) introduction of technological alternatives as a factor in considerations; <economic implications>. <Statistics>, <bibliography>. Additional references: <bread>, <food pastes>, <microbiology>, <food technology>, <Latin America>. <Restricted>.

ENGL

31.50

13452

1984

Di Pietro Heinze, Ida

UNIDO

REGIONAL SEMINAR ON INTEGRATION OF WOMEN IN THE INDUSTRIAL
PLANNING PROCESS FOR THE PORTUGUESE-SPEAKING COUNTRIES OF
AFRICA, LUANDA, ANGOLA, 1983

FINAL REPORT. (REGIONAL SEMINAR ON INTEGRATION OF WOMEN IN
THE INDUSTRIAL PLANNING PROCESS).

UC/RAF/83/170

Vienna, 1984. 25 p.

UNIDO-UNIDO/IO.577

<UNIDO pub>. <Report> regarding a <seminar> on integration
of <women> in the <industrial planning> process in
<Angola>, <Mozambique>, <Sao Tome and Principe>, <Guinea
Bissau> and <Cape Verde> - (1) covers background and
organization of the seminar (2) gives brief summaries of
country papers (3) reports on visits to <factory>s in
Luanda (4) outlines <technical assistance> project ideas.
Seminar evaluation, <recommendations>, <list of
participants>, <agenda>. Additional references: <small
scale industry>, <rural industry>, <social policy>.

ENGL

23.30

13453

1984

Smith, J.A.

UNIDO

(R) INDIA. TECHNICAL REPORT. RECOMMENDATIONS ON TRAINING OF
TRAINERS FOR THE PUNJAB KNITWEAR FACILITY.

DP/IND/82/006

Vienna, 1984. 65 p.

UNIDO-DP/ID/SER.A/503

<UNIDO pub>. <Expert report> regarding <training
assistance> for <knitting> industry in <India> - covers
(1) <training> needs of <textile industry>; training needs
of Punjab <factory>; <management development>; trainer
training (2) evaluation of past activity; <information
service>; <audiovisual aids> and <equipment>; scheme for
improving <yarns> quality. <Recommendations>. Syllabus of
<training programmes>, <list of participants>.
<Restricted>.

ENGL

32.30

13454

1984

Simons, David

UNIDO

(R) ROMANIA. ASSISTANCE IN GARMENT DESIGN AND PATTERN MAKING.
TECHNICAL REPORT.

UC/ROM/83/114

Vienna, 1984. 10 p.

UNIDO-UNIDO/IO/R.110

<UNIDO pub>. <Expert report> on assistance in <clothing>
design and pattern making in <Romania> - covers (1)
<training programmes> conducted for designers from the
garment industry and institutes (2) <factory> visits (3)
production of knitwear (4) selection of candidates for
<fellowships>. <Recommendations>, <job description>.
Additional references: <product design>, <knitting>.
<Restricted>.

ENGL

32.30

13455

1984

Mazurkiewicz, Boleslaw K.

UNIDO

EXPERT GROUP MEETING ON SHIPBUILDING AND SHIPREPAIR
DEVELOPMENT FOR ASIAN AND THE PACIFIC COUNTRIES, JAKARTA,
1984

POSSIBLE INFLUENCE OF OFFSHORE INDUSTRY ON THE ACTIVITIES OF
DEVELOPING COUNTRIES.

Vienna, 1984. 10 p. tables.

UNIDO-ID/WG.413/5

<UNIDO pub> on the implications of <seabed> <fuel>s
exploitation for industry in <developing countries>, with
special reference to <Asia> - covers (1) significant
increase in offshore exploration and drilling for
<petroleum> and <natural gas> (2) <components> required
for the offshore industry; <development potential> of
relevant <equipment> manufacture. Additional references:
<drilling equipment>, <pipeline>s, <shipbuilding>.

ENGL

37.20

13456

1984

UNIDO

EXPERT GROUP MEETING ON DOWNSTREAM PROCESSING ACTIVITIES IN
THE VEGETABLE OILS AND FATS INDUSTRY IN DEVELOPING
COUNTRIES, VIENNA, 1984

REPORT. (MEETING ON VEGETABLE OILS INDUSTRY).

Vienna, 1984. 12 p.

UNIDO-UNIDO/PC.97

<UNIDO pub>. <Report> of a <meeting> on processing of
<vegetable oils> in <developing countries> - covers
consideration of (1) <raw material>s supply; use of high
yielding <oilseeds> and <fruit>s (2) physical
<infrastructure> and <energy> requirements (3) <factory
organization>; use of <by-product>s; <quality control>;
<packaging> (4) <technology transfer>; <cooperation>
between <research centre>s, <industry and higher
education>; <nutrition> aspects; <training> and
<management development>. <List of participants>, <list of
documents>.

ENGL

31.70

13457

1984

UNIDO

PLENIPOTENTIARY MEETING ON THE ESTABLISHMENT OF THE
INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND
BIOTECHNOLOGY, VIENNA, 1984

PROVISIONAL AGENDA. (MEETING ON ESTABLISHMENT OF THE ICGEB).

Vienna, 1984. 1 p.

UNIDO-ID/WG.421/1

<UNIDO pub>. <Agenda> for a <meeting> on the establishment
of <ICGEB>.

ENGL

35.50

13458

1983

UNIDO

TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983

UNIDO ISSUE PAPER. (TECHNICAL CONGRESS, MANILA).

Vienna, 1984. 24 p.

UNIDO-ID/WG.418/5

<UNIDO pub> presenting issues for consideration in
discussions on <agricultural machinery> and <energy> for
<rural area>s in <developing countries> - covers
<technology policy>, <technology transfer> and <TCDC>
issues relating to the above mentioned subjects.
Additional references: <regional cooperation>,
<appropriate technology>, small <hydroelectric power>,
<biomass> utilization, <solar energy>, <cooperation> on
the <industrial enterprise> level.

ENGL

24.30

13459

1983

Joste, Sten

UNIDO

TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983

INTERNATIONAL INVENTORS AWARDS - AN EXPERIMENT IN THE
DISSEMINATION OF INNOVATION.

Vienna, 1984. 18 p. diagrams.

UNIDC-ID/WG.418/6

<UNIDO pub> on a programme for dissemination of
<innovation>s relating to <water supply> and <irrigation>,
<appropriate technology>, <forestry> and <energy source>s -
(1) describes a system of competition and awards given for
the most promising developments in these fields, with
special reference to the needs of the <developing
countries> (2) attaches records of the Work Group on
Industrial Processes (meeting in 1983) setting terms of
reference and criteria for awarding of prizes.

ENGL

24.30

13460 1983
Follosco, Ceferino L.
UNIDO
TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983
AGRICULTURAL MACHINERY INDUSTRY IN THE PHILIPPINES.
Vienna, 1984. 18 p.
UNIDO-ID/WG.418/3

<UNIDO pub> on the <agricultural machinery> industry in
the <Philippines> - covers (1) the <agricultural
mechanization> situation; <export>s, <import>s;
mechanization <trend>s; trends in <developed countries>
and in <Asia> (2) <government policy>s and programmes;
<institutional framework> (3) manufacturing situation:
products manufactured, power tillers, <rice> threshers;
basic facilities; <subcontracting> arrangements;
<standardization> and <quality control>; manufacturing
problems (4) <marketing> and <distribution>.

ENGL
37.20

13461 1983
Maramba, Felix D.
UNIDO
TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983
BIOENERGY FROM FARM WASTES AND/OR BY FARM WASTES FOR RURAL
DEVELOPMENT.
Vienna, 1984. 9 p.
UNIDO-ID/WG.418/4

<UNIDO pub> on production of <biogas> and other <fuel>s
from <agricultural wastes> - covers: biogas from manure;
<rice husks>; energy plantation on wastelands; straight
hydrous <alcohol> as substitute <engine fuel>; straight
crude <coconuts> oil as substitute for diesel fuel.
Additional references: <technology transfer>, <appropriate
technology>, <fermentation>, <renewable energy>,
<composting>, <biomass>.

ENGL
34.30

13462

1983

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983
ENERGY CONSERVATION IN THE PHILIPPINES.

Vienna, 1984. 20 p. tables.

UNIDG-ID/WG.417/7

<UNIDO pub> on industrial <energy saving> in the
<Philippines> - covers (1) medium and <small scale
industry>s; <financial aid> from the government (2) the
<energy conservation> programme; <consumption> of <energy>
(generally) and of <petroleum products> in the <transport>
sector; <case study>s (3) energy audits in key energy-
intensive SMI; saving measures and their implementation in
processes and by use of appropriate <equipment> (4) major
problems and recommendations. <Statistics>.

ENGL

34.10

13463

1983

UNIDO

EXPERT GROUP MEETING ON EXCHANGE OF EXPERIENCES ON ENERGY
CONSERVATION IN SMALL AND MEDIUM INDUSTRIES FOR ASEAN
COUNTRIES, KUALA LUMPUR, MALAYSIA, 1983

REPORT. (MEETING ON ENERGY CONSERVATION IN ASEAN COUNTRIES).

Vienna, 1984. 17 p.

UNIDO-ID/WG.417/8

<UNIDO pub>. <Report> of a <meeting> on <energy saving> in
medium and <small scale industry> of <ASEAN> countries -
covers (1) meeting background (2) presentation and
discussion of (a) country papers: <Philippines>,
<Singapore>, <Thailand>, <Indonesia> and <Malaysia> (b) an
<energy conservation> guidebook (3) project proposals.
<Agenda>, <list of participants>, <list of documents>.
Additional references: <management>, <training>,
<technology transfer>.

ENGL

34.10

13464 1983
Bertoldi, Gerhart
UNIDO
(R) BHUTAN. DEVELOPMENT OF GYPSUM-BASED INDUSTRIES. TERMINAL
REPORT.
RP/BHU/81/002
Vienna, 1983. 10 p. tables.
UNIDO-UNIDO/IO/R.117
<UNIDO pub>. <Final report> on development of <gypsum>
based industries in <Bhutan> - covers (1) gypsum deposits
in Bhutan (2) potential production of <sulphuric acid> and
other <chemicals>; burned gypsum; use of raw gypsum (3)
<industrial application> of gypsum and <by-product>s;
priorities for the industry (4) further <technical
assistance>. <Recommendations>, tables. Additional
references: <building materials>, <cement>, <pigments>.
<Restricted>.
ENGL
33.20

13465 1983
Ngaiza, Edward M.
UNIDO
TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983
AGRICULTURAL MACHINERY AND IMPLEMENTS: TANZANIA CASE.
Vienna, 1984. 27 p. tables.
UNIDO-ID/WG.418/7
<UNIDO pub> on <agricultural machinery> and implements in
<Tanzania> - covers (1) information on the country (2)
present state-of-art in relevant manufacturing and
<research> activities (3) major problems of manufacturing
and <marketing> (4) technology development and <technology
transfer> (5) national <technology policy>; <industrial
development> policy (6) <cooperation> among <small scale
industry>s in <developing countries>. Additional
references: <raw material>s, <manpower>, <transport>,
<spare parts>, <joint venture>s, <demand>, <agricultural
mechanization>, <TCDC>.
ENGL
37.20

13466 1983
Gitonga, Titus M.J.
UNIDO
TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983
AGRICULTURAL MACHINES AND IMPLEMENTS IN KENYA.
Vienna, 1984. 21 p. tables.
UNIDO-ID/WG.418/8
<UNIDO pub> on <agricultural machinery> and implements in
<Kenya> - covers (1) present state of <farming> (2) nature
and sources of <machinery> and <tools>; <import>s; list of
domestic <factory>s; <research and development> (3)
problems hindering proper technology development and
<technology transfer> as well as <domestic production> and
<marketing>; <skilled workers>, <financing>, <raw
material>s, <quality control>; need for international and
<regional cooperation> (4) <technology policy> and
<industrial development> (5) proposed solutions;
improvements of <licensing> and <joint venture>
arrangements; <cooperation>; <TCDC>. <Statistics>.
ENGL
37.20

13467 1984
UNIDO
FUNDAP, SAO PAULO
(R) HAITI. ASSISTANCE POUR L'ETABLISSEMENT D'UNE UNITE DE
TRAITEMENT DU MANIOC.
RP/HAI/82/001
Vienna, 1984. 236 p. tables, diagrams.
::::
<UNIDO pub>. <Final report> on assistance in setting up a
<cassava> processing plant in <Haiti> - covers (1) a
process for production of cassava <flour> and <starch> (2)
<equipment> required for 5 tons and for 75 tons daily
processing capacity <specifications> according to
<hygiene> <standards> (3) <building design>; <factory
layout> (4) <economic analysis>, <capital costs>.
<production costs>, <profitability>. <Diagram>s, tables.
Additional references: <food technology>, <industrial
safety>. <Restricted>.
FREN
31.10

13468

1983

Lobo Aleu, J. Felix
O'Brien, Peter

UNIDO

(R) THE CONSEQUENCES OF CRISIS: CORPORATE STRATEGIES AND THE
INTERNATIONAL DIVISION OF LABOUR IN THE AUTOMOTIVE INDUSTRY.
Vienna, 1983. 230 p. tables.

::::

<UNIDO pub>. <Expert report> on corporate strategies and
the <international division of labour> in the <motor
vehicle industry> - covers (1) the importance of the
industry; the structural crisis; <government policy>;
<global level> evolution (2) recent <trend>s: the rupture
of stable growth (3) corporate response to the crisis (a)
the incorporation of <advanced technology> (b)
<management>, <manpower> and supplier firms; <labour
relations> (c) <cooperation>, offshore sourcing and global
integration; <subcontracting>, <automobile assembly> (4)
scenarios from the corporate oligopoly (5) the industry in
the <developing countries>; experience in <Brazil>,
<Mexico>, <India>, <ASEAN> and <Korea R>; strategic
options for DCs; key issues. <Statistics>, <bibliography>.
<Restricted>.

ENGL

37.30

13469

1984

Bouyer, Jean

UNIDO

(R) SENEGAL. DEVELOPPEMENT DU SECTEUR DU MACHINISME ET DE
L'OUTILLAGE AGRICOLE. CREATION D'UNE CELLULE TECHNOLOGIQUE.
RAPPORT TECHNIQUE.

UC/RAF/82/238

Vienna, 1984. 31 p. map.

UNIDO-UNIDO/IO/R.109

<UNIDO pub>. <Expert report> on an <OCAM> project for
creation of a regional technological <development centre>
in <Senegal>, with a view to assisting the <agricultural
machinery> industry - covers (1) <institutional framework>
for such a <regional project>; proposed <survey> of
<supply and demand> for <agricultural equipment> in OCAM
<member states>; eventual manufacturing of such equipment
(2) choice of location, <organizational aspects>, <staff>
requirements. <Recommendations>, <maps>. Additional
references: <regional cooperation>, <appropriate
technology>. <Restricted>.

FREN

37.20

13470

1983

Comolli, Paul M.

UNIDO

INDUSTRY AND DEVELOPMENT NO. 8.

- INDUSTRIE ET DEVELOPPEMENT NO. 8.

- INDUSTRIA Y DESARROLLO NUM. 8.

New York, UN, 1983. 147 p. tables, graphs.

UNIDO-ID/SER.M/8

UNIDO-ID/SER.M/8/Add.1

UN-E.83.II.B.1

<UNIDO pub> containing articles on <industrialization> problems of <developing countries>, with special reference to <Africa South of Sahara> and <least developed countries> - covers (1) the changing role of <manufacturing> in <economic development> (2) the growing problems facing industry in the LDCs (3) strategy and <industrialization policy> for small resource-poor LDCs (4) the impact of higher <energy> <prices> on industrialization, especially for the LDCs (5) <industrial development> in <Zimbabwe>. <Statistics>, <bibliography>. Additional references: <structural change>, <balance of payments>, <energy economics>.

ENGL FREN SPAN

14.60

\$ 10.00

13471

1983

Marei, A.R.

UNIDO

(R) LIBYA. EVALUATION OF THE RAW MATERIALS SITUATION OF THE AL KHUMS 1 CEMENT PLANT. MISSION REPORT.

TF/LIB/82/002

Vienna, 1983. 74 p. tables, graphs, diagrams.

UNIDO-UNIDO/IO/R.99

<UNIDO pub>. <Expert report> on assistance to <cement industry> in <Libya> - covers (1) geological investigations of the Mannubia and Kebir deposits of <limestone> and marl (2) <chemical analysis> of the deposits; methods of investigation used; exploitation of the available <raw materials>; <quality control>; raw-mix designs; <ores> reserves (3) other new deposits investigated: Juma limestone; cretacions limestone; development and <mining> of the quarry (4) modification of cement <factory>; potential production of <sulphate>-resisting <cement>. <Recommendations>, <list of documents>. <Restricted>.

ENGL

33.20

13472

1983

Cruz, Ibarra E.

UNIDO

TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983

GAS PRODUCERS TECHNOLOGY FOR RURAL APPLICATIONS.

Vienna, 1984. 6 p.

UNIDO-ID/WG.418/2

<UNIDO pub> on producer <gas> applications in <rural
area>s - covers (1) use of such gas which is produced by
the incomplete combustion of <carbon>aceous and <cellulose>
solid <fuel>s (a) for direct <heating> as in <furnace>s
and in crop <drying> (b) as <engine fuel> to provide shaft
power (2) <cooling> and cleaning of producer gas in
preparation for use as fuel for internal combustion
engines (3) required <equipment>; <chemical reactors>;
<gasification> systems.

ENGL

34.30

13473

1984

UNIDO

PLENIPOTENTIARY MEETING ON THE ESTABLISHMENT OF THE
INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND
BIOTECHNOLOGY, VIENNA, 1984

REPORT OF THE PREPARATORY COMMITTEE TO THE PLENIPOTENTIARY
MEETING (ON THE ESTABLISHMENT OF THE ICGB).

- INFORME DE LA COMISION PREPARATORIA A LA REUNION DE
PLENIPOTENCIARIOS (SOBRE LA CREACION DEL CIIGB).

Vienna, 1984. 32 p.

UNIDO-ID/WG.421/2

<UNIDO pub>. <Report> regarding establishment of the
<ICGB> - covers (1) implementation of relevant
<resolution>s of Madrid <meeting> (2) matters relating to
establishment of affiliated <research centre>s and
networks (3) organizational and <financial aspects> (4)
adoption of the report. <Agenda>, <list of participants>,
<list of documents>. Annexes some conference room papers.

ENGL SPAN

35.50

13474 1984
Bo-renstein, Israel
UNIDO
THE INTERNATIONAL INDUSTRIAL RESTRUCTURING PROCESS: THE
EUROPEAN CMEA AND THE DEVELOPING COUNTRIES.
Vienna, 1984. 120 p. tables.
UNIDO-UNIDO/IS.436
<UNIDO pub> on international <structural change>s in
industry, with special reference to the <Europe>an <CMEA>
and the <developing countries> - covers (1) the role of
CMEA countries in the <international division of labour>:
volume and structure of foreign <trade>; trade with DCs
(2) perspectives for CMEA restructuring in the context of
global restructuring and the <industrialization> goals of
the DCs: present <economic planning> and developments;
<economic policy>; <long term> perspectives and
implications for <East-South> trade in the 1980s.
<Statistics>. Additional references: <commodities>,
<specialization>, <food>, <energy>.
ENGL
14.60

13475 1984
UNIDO
PLENIPOTENTIARY MEETING ON THE ESTABLISHMENT OF THE
INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND
BIOTECHNOLOGY, VIENNA, 1984
LIST OF DOCUMENTS. (MEETING ON THE ESTABLISHMENT OF THE
ICGEB).
- LISTE DES DOCUMENTS. (REUNION SUR LA CREATION D'UN CIGGB).
- LISTA DE DOCUMENTOS. (REUNION SOBRE LA CREACION DEL CIIGB).
Vienna, 1984. 1 p.
UNIDO-ID/WG.421/3
<UNIDO pub>. <List of documents> for a <meeting> on the
establishment of the <ICGEB>.
ENGL FREN SPAN
35.50

13476

1983

UNIDO

TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983

LIST OF PARTICIPANTS. (TECHNICAL CONGRESS, MANILA).

Vienna, 1984. 10 p.

UNIDO-ID/WG.418/11

<UNIDO pub>. <List of participants> at a <meeting> on
<appropriate technology>.

ENGL

24.30

13477

1984

UNIDO

AFRICAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN THE
INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS, HARARE,
ZIMBABWE, 1984

PROVISIONAL AGENDA. (WORKSHOP ON THE INTEGRATION OF WOMEN IN
INDUSTRIAL PLANNING AND DEVELOPMENT).

Vienna, 1984. 4 p.

UNIDO-ID/WG.422/1

<UNIDO pub>. <Agenda> for a <meeting> on the integration
of <women> in the <industrial development> process in
<Africa>.

ENGL

23.30

13478

1984

Eguchi, M.
Sugimoto, T.
Takahashi, R.

UNIDO

(R) REPORT ON ASSESSMENT OF ENERGY CONSERVATION MEASURES AT
PLANT LEVEL IN MALAYSIA.

Vienna, 1984. 247 p. tables, diagrams.

UNIDO-UNIDO/IS/R.12

UNIDO-UNIDO/IS/R.12/Corr.1

<UNIDO pub> on <energy saving> measures at the <factory>
level in <Malaysia> - covers (1) purpose and schedule of
<survey>; <survey method> (2) factory diagnosis; transfer
of <knowhow> to Malaysian counterparts (3) results of
diagnosis; factory <management>; <heating> <energy>
consumption (4) diagnostic reports on nine factories
producing <shoes>, <tires>, <ceramics>, <refractory
materials>, <cement>, <textiles>, nets and <rope>, etc.
<Diagram>s, tables, <questionnaire>. Additional
references: <equipment>, <fuel>s. <Restricted>.

ENGL

34.10

13479

1984

Aslam, Mohammad

UNIDO

(R) STATUS REPORT ON MICROELECTRONICS DEVELOPMENT IN PAKISTAN.

Vienna, 1984. 90 p.

::::

<UNIDO pub>. <Expert report> on the micro<electronics
industry> in <Pakistan> - covers (1) <choice of
technology>; the effects of <computer>s and factory
<automation> (2) annual requirements of <electronic
equipment> and systems; existing <assembling> of
<television sets> and <radio sets> by <private
enterprise>s; expected <public investment> 1983/1984 for
the promotion of <telecommunications industry> (3)
<government policy>s, <incentives>, encouragement of
<private sector>; industries sanctioned in the <export
processing zone> (4) <regional cooperation>, <research and
development>, <research centre>s; <training> offered in
<technological institute>s; <technology transfer>.
<Recommendations>, <bibliography>, graphs. <Restricted>.

ENGL

38.10

13480

1983

UNIDO

HUMBOLT WEDAG AG, COLOGNE

(R) MAURITANIE. ETUDE PRELIMINAIRE DE FACTIBILITE SUR
L'EXTRACTION DE L'OR CONTENU DANS LES STERILES TORCO A
AKJOUJT/MAURITANIE. RAPPORT DEFINITIF.

SM/MAU/80/009

Vienna, 1983. 83 p. tables, diagrams, illus.

::::

<UNIDO pub>. <Final report> on the feasibility of <gold>
extraction from <copper> <mining> operations in
<Mauritania> - covers (1) proposal to recuperate gold from
mineral <waste utilization>; study of <raw material>
specimens, their physical and mineral properties; results
of <chemical analysis>; <experiment>s to determine <ore
processing> methods to be employed (2) <equipment>
<specifications>; <technical personnel> needed;
<profitability>, <investment>, <financial aspects>,
<costs>, <amortization>, <investment returns>.
<Recommendations>, tables, <diagram>s, graphs,
illustrations. Additional reference: <metallurgy>.
<Restricted>.

FREN

36.20

13481

1983

UNIDO

HIGH-LEVEL EXPERT GROUP MEETINGS PREPARATORY TO THE FOURTH
GENERAL CONFERENCE OF UNIDO. INDUSTRIAL DEVELOPMENT
STRATEGIES AND POLICIES FOR DEVELOPING COUNTRIES, LIMA, 1983
INDUSTRIAL DEVELOPMENT STRATEGIES AND POLICIES FOR DEVELOPING
COUNTRIES.

Vienna, 1983. 2 vol. (various pagings). tables.

UNIDO-UNIDO/IS.431

UNIDO-UNIDO/IS.431/Add.1

<UNIDO pub> on <industrial development> strategies and
<industrialization policy>s for <developing countries> -
contains studies concerning (1) world economic situation
and patterns in global <economic development>; their
<economic implications> for the DCs (2) reorientation of
strategies and policies (3) suggestions for policies at
various levels favouring <structural change> and to
<industrial growth> in the 1980s and 1990s (4) specific
experience i.a. in <Bulgaria>, <India>, <Venezuela>, <Sri
Lanka>, <Egypt>, <Sudan>, <Saudi Arabia>, <Korea R>,
<Nigeria>, <Peru>, <Ecuador>, <Thailand>, <USA>,
<Australia>, <Germany FR>, <CMEA>. <Statistics>,
<bibliography>s. Additional references: <technology
policy>, <trade policy>, <investment policy>, <North-
South>, <ECDC>, <TCDC>.

ENGL

14.60

13482

1983

UNIDO

CHEMSERV CONSULTING, AUSTRIA

WORKSHOP ON FERTILIZER PLANT MAINTENANCE, 6TH, LINZ, 1983

REPORT ON ACTIVITIES OF SIXTH UNIDO - WORKSHOP ON FERTILIZER
PLANT MAINTENANCE.

US/INT/83/085

Vienna, 1983. 2 vol. (various pagings). tables, graphs,
diagrams.

::::

<UNIDO pub>. <Report> of a <meeting> on <maintenance and
repair> in <fertilizer industry> (based on experience in
<Austria>) - covers (1) activities and procedures
concerning central <workshop>s, <electrical equipment>,
<civil engineering>, <instruments>, material <testing>,
<machinery>, <pollution control>, etc., with special
reference to production of <phosphate>, <urea> and
<ammonium nitrate> <chemicals> and <fertilizer>s (2)
<training programmes> (3) visits to a <hydroelectric
power> station, <machinery industry> and <iron and steel
industry>. <List of participants>, <statistics>,
<diagram>s. Additional references: <production control>,
<process control>, <spare parts>, <stock>.

ENGL

35.40

13483

1984

Mehta, S.C.

Varadan, G.S.

UNIDO

(R) STATE OF THE ART OF MICROELECTRONICS IN INDIA.

Vienna, 1984. 77 p. tables.

::::

<UNIDO pub>. <Expert report> on the micro<electronics
industry> in <India> - covers (1) the status of
<integrated circuits>; present <domestic production> of
<electronic equipment> and <components>; the activities of
<research centre>s, <technological institute>s, <industry
and higher education>; <manpower> situation; <raw
material>s, <equipment> (2) <demand> projection for
manufacturing of <computer> systems (3) the relevance of
<computer programmes> to <industrial development>;
application in various industries; the <import> of
equipment; <technology transfer>; national <training
programmes>. <Recommendations>, <statistics>. <Restricted>.

ENGL

38.10

13484

1984

Calin, J.

UNIDO

(R) ETUDE DE LA PRODUCTION DU SEL DE MER ET DIRECTIVES POUR
LA CONSTRUCTION DE SALINS.

Vienna, 1984. 85 p. tables, diagrams, map, graphs.

UNIDO-UNIDO/10.571

<UNIDO pub>. <Exper. report> on production of <salt> from
the <sea> - covers (1) <world production> of salt,
<chemical analysis> of <salt water> (2) <evaporation>
methods, <process control>, prerequisites for construction
of salt pans; climate, <solar energy>, <soil> composition,
<instruments> needed (3) other factors: <utilities>,
<transport> facilities, <storage> space, <equipment>;
processing for end use; <waste utilization> (4) favourable
sites for future increased salt production.
<Recommendations>, tables, <maps>, <diagram>s. Additional
reference: <pumps>. <Restricted>.

FREN

35.30

13485

1983

UNIDO

SPONGE IRON INDIA LTD. HYDERABAD

(R) INVESTIGATION ON THE PRODUCTION OF SPONGE IRON SUITABLE
FOR STEEL-MAKING WITH IRON ORES AND COALS FROM HUNGARY.
FINAL REPORT.

SI/HUN/82/802

Vienna, 1983. 71 p. tables.

::::

<UNIDO pub>. <Final report> on the feasibility of
producing <sponge iron> using <iron ore>s and <coal> from
<Hungary> - covers (1) <laboratory> <testing> of <raw
material>s; beneficiation tests carried out at the
National Mineral Development Corporation in <India> and
preparation of pellets subjected to <heat treatment>;
<direct reduction> tests, <chemical analysis>; <smelting>
process of sponge iron (2) <equipment> utilized.
<Recommendations>, tables, <diagram>s. Additional
references: <steel>, <ore processing>. <Restricted>.

ENGL

36.20

13486 1984

Keita, Naman

UNIDO

(R) SERIES STATISTIQUES SUR L'INDUSTRIE MANUFACTURIERE
MALIENNE 1969-1981.

Vienna, 1984. 22 p. tables.

::::

<UNIDO pub>. <Statistical analysis> of the <manufacturing>
sector in <Mali> - covers (1) methodology of <data
collecting> applied (2) <statistics> regarding <industrial
enterprise>s, production value, <value added>, <wages> and
social costs, <employment> and <size of enterprise>s.
<Restricted>.

FREN

21.20

13487 1984

Knizek, Ian

UNIDO

(R) JAMAICA. ASSISTANCE IN THE DEVELOPMENT OF CERAMIC
INDUSTRY. TECHNICAL REPORT.

UC/JAM/83/077

Vienna, 1984. 74 p. tables, diagrams.

UNIDO-UNIDO/IO/R.105

<UNIDO pub>. <Expert report> on assistance to <ceramics
industry> in <Jamaica> - covers (1) <raw material>: white-
firing and red-firing <clay>s; estimate of <demand> for
clay for <ceramics> manufacturing; <kiln> space required
(2) existing plants; <market> for improved <bricks>
manufacturing; <technical personnel> and <equipment>
needed for <research and development> activities; <pilot
plant> for <testing> (3) clay for <refractory materials>;
porcelain for <electrical appliances>, <sanitary wares>;
inputs. <Recommendations>, tables, <flow chart>s,
<bibliography>, <project document>. <Restricted>.

ENGL

33.30

13488

1984

Chon, Kilnam

UNIDO

(R) MICROELECTRONICS INDUSTRY IN THE REPUBLIC OF KOREA.
Vienna, 1984. 42 p. tables.

::::

<UNIDO pub>. <Expert report> on the micro<electronics industry> in <Korea R> - covers: main subsectors of the industry; national <research and development> activities; approaches to <technology transfer>; technology and <equipment> procurement; microelectronics applications; <raw material>s and <infrastructure>; <marpower>, <training>; international <cooperation>. <Statistics>, <bibliography>. Additional references: <industry and higher education>, <integrated circuits>. <Restricted>.

ENGL

38.10

13489

1984

Kotesovec, Paul

UNIDO

(R) INDIA. TECHNICAL ASSISTANCE IN THE FIELD OF KNITTING.

DP/IND/82/006

Vienna, 1984. 61 p. tables.

UNIDO-DP/ID/SER.A/498

<UNIDO pub>. <Expert report> on assistance to <knitting> industry in Ludhiana, Punjab, <India> - covers (1) <training> and technical guidance given to personnel of knitwear facility and other institutions and <enterprise>s (2) training and <technical assistance> given to units of knitting industry of Ludhiana (3) list of prototype <clothing> manufactured in the knitwear facility (4) recommended <product mix> (5) guidelines for producing <wool>en knitwear of high quality with dimensional stability. Additional reference: <machinery>. <Restricted>.

ENGL

32.30

13490

1984

UNIDO

BIOTECHNOLOGY AND THE DEVELOPING COUNTRIES: APPLICATIONS FOR
THE PHARMACEUTICAL INDUSTRY AND AGRICULTURE.

Vienna, 1984. 73 p. tables.

UNIDO-UNIDC/IS.452

<UNIDO pub> on applications of <biotechnology> in
<pharmaceutical industry> and <agriculture> of <developing
countries> - covers (1) <definition>s (2) pharmaceutical
applications of biotechnology and <genetic engineering>
(a) recombinant DNA: <protein>s, <vaccines>, <antibiotics>, <immunization>, etc. (b) new biotechnology
and <fermentation> (3) biotechnology and <agro-industry>:
<livestock> husbandry; animal <health>; genetic
improvement of plants; <pesticides>; biological <pest
control> agents (4) relevant projects. Tables,
<bibliography>, lists of diseases. Additional references:
<research programmes>, <laboratory>.

ENGL

35.50

13491

1984

Ramos de Freitas, Amantino

UNIDO

(R) FOLLOW-UP REPORT TO THE "FIRST CONSULTATION ON THE WOOD
AND WOOD PRODUCTS INDUSTRY".

Vienna, 1984. 44 p. diagrams.

::::

<UNIDO pub>. <Expert report> regarding a <meeting> on the
<wood> and <wood products> industry - covers (1) present
state and <development potential>: <raw material>, primary
and secondary <wood processing>, <trade>, <transport> and
<marketing> problems, <financing>, <wood technology>, <research and development>, <infrastructure>, <industrial
redeployment>, international and <regional cooperation>
(2) the external and the internal environment;
opportunities and constraints (3) formulation of
guidelines (4) <cooperation> between specialized <research
centres> (5) topics for future consultations.
<Recommendations>, <diagram>s, <bibliography>.

ENGL

32.10

13492

1984

Nissila, Markku

UNIDO

(R) BRAZIL. TECHNICAL REPORT: LABORATORIES OF FOOD PACKAGING PAPER, CARTON AND FIBREBOARD.

DP/BRA/82/030

Vienna, 1984. 23 p.

UNIDO-DP/ID/SER.A/501

<UNIDO pub>. <Expert report> regarding assistance to a <laboratory> for <food> <packaging> in <Brazil> - covers (1) project background, mission objectives and <training> (2) work performed: <training programmes>; appraisal of laboratory <equipment>; visits to industry; <technical assistance> (3) project findings and <recommendations>. Additional references: <paper>, <cardboard>, <fibreboard>, <quality control>. <Restricted>.

ENGL

27.30

13493

1983

Moavenzadeh, F.

UNIDO

(R) CONSTRUCTION, BUILDING MATERIALS AND CAPITAL GOODS IN THE STRATEGY FOR REVITALIZATION OF INDUSTRIALIZATION IN DEVELOPING COUNTRIES.

Vienna, 1983. 51 p.

::::

<UNIDO pub>. <Expert report> on <construction industry>, <building materials> and <capital goods> as a growth factor in <developing countries> - covers (1) <labour intensive> <employment> as stimulant for <industrial growth> and countermeasure to <poverty> (2) <domestic production> (<import substitution>) of <machinery> and <equipment> (3) <rural development> depending on <investment> for <irrigation>, <roads>, <agricultural equipment>; practice of <maintenance and repair>; <training>, industrial <skills>; constraints (4) <planning>, <industrialization policy>, <educational policy>s, <regional cooperation>, <TCDC>. <Recommendations>. <Restricted>.

ENGL

14.60

13494

1984

Palizzotto, Carlo

UNIDO

(R) TANZANIA. TECHNICAL RECOMMENDATIONS FOR ALL OPERATIONS IN
THE GARMENT FACTORY. TECHNICAL REPORT.

SI/URT/83/801

Vienna, 1984. 50 p. tables.

UNIDO-DP/ID/SER.A/496

<UNIDO pub>. <Expert report> on assistance to a <clothing>
factory in <Tanzania> - covers (1) present conditions as
to <production capacity> and <market> situation (2)
<factory organization>, materials <handling> and <factory>
<management> (3) <work organization> (4) <maintenance and
repair>; <machinery> (5) <workers>, <training programmes>
(6) work loads, <labour productivity> standards. Annexes
documents related to work programme. <Job description>.
<Restricted>.

ENGL

32.30

13495

1984

Eguchi, M.

Sugimoto, T.

Takahashi, R.

UNIDO

GUIDE BOOK FOR FACTORY ENGINEERS ON ENERGY CONSERVATION
DIAGNOSIS.

Vienna, 1984. 136 p. tables, graphs, diagrams.

UNIDO-UNIDO/IS.449

<UNIDO pub>. <Handbook> on <energy saving> in <factory>s -
covers (1) background information; need for energy
conservation; grasp of situation; approach (2) thermal
section: measurement, analysis (3) electrical section:
<management> of consumption of <electric power>; electric
measurement and analysis of power receiving and
distribution facilities; measuring and analysing
electrical loads; use of <measuring instruments>.
<Recommendations>, <statistics>, <specifications>.
Additional references: <heat recovery>, <steam>,
<electrical equipment>, <engineers>, <regulations>,
<Japan>.

ENGL

34.10

13496

1982

Hokr, Z.

Seifert, A.V.

Zezulka, J.

UNIDO

POLYTECHNA, PRAGUE

(R) TANZANIA. PILOT STUDY ON NATURAL RESOURCES IN TANZANIA
(COAL, IRON, NICKEL, GOLD, GEMSTONE AND GYPSUM).

RP/URT/81/003

Vienna, 1982. 113 p. tables, maps.

::::

<UNIDO pub>. Study regarding <mineral resources> in
<Tanzania> - covers (1) <coal>: coalfields, their reserves
and quality (2) <iron ore>, <iron> production, feasibility
of <iron and steel industry> at various locations (3)
<nickel>; deposits; <sulphur>-nickel and of <silicate>-
nickel mineralization (4) deposits of <gold>, <precious
stones> (5) <gypsum> and anhydrite deposits and their
utilization. <Recommendations>, <maps>, <statistics>,
<bibliography>s. Additional references: <mining>, <ore
processing>. <Restricted>.

ENGL

11.20

13497

1984

Francis, C.R.

UNIDO

(R) MADAGASCAR. ASSISTANCE AUX TRANSPORTS EN ZONE RURALE.
RAPPORT TECHNIQUE.

UC/MAG/81/048

Vienna, 1984. 10 p. illus.

UNIDO-UNIDO/IO/R.113

<UNIDO pub>. <Expert report> on <wood>en <bridges> in
<Madagascar> - analyses the reasons for the collapse of a
bridge constructed with modular <components> of <tropical
timber>, determines the effect of <humidity> on non-
processed <timber>, causing lack of resistance to
excessive weight. <Recommendations>, illustrations.
<Restricted>.

FREN

39.20

13498

1984

Warhurst, Alyson C.

UNIDO

THE APPLICATION OF BIOTECHNOLOGY IN DEVELOPING COUNTRIES: THE
CASE OF MINERAL LEACHING WITH PARTICULAR REFERENCE TO THE
ANDEAN PACT COPPER PROJECT.

Vienna, 1984. 160 p. tables, diagrams.

UNIDO-UNIDO/IS.450

<UNIDO pub>. <Expert report> on application of
<biotechnology> in <developing countries>, with special
reference to bacterial leaching of <copper> <ores> in an
<Andean Group> project - covers (1) requirements
fundamental to the implementation of an efficient
bacterial leaching project; technical and <economic
aspects> (2) a relevant project in <Latin America>, with
attention to <choice of technology> and improvement of
<knowhow> (3) suggestions for policy at the project level.
<Recommendations>, <diagram>s, <flow chart>,
<bibliography>. Additional references: <mining>, <mineral
resources>, <ore processing>, <microorganisms>, <regional
cooperation>, <research>, <technology transfer>.

ENGL

35.50

13499

1983

Malata, F.

UNIDO

(R) TANZANIA. ASSISTANCE IN THE ESTABLISHMENT OF A
CENTRALIZED MAINTENANCE SYSTEM AT THE TANZANIA SHOE COMPANY
LTD.

DP/URT/78/010

Vienna, 1983. 32 p. diagrams.

UNIDO-DP/ID/SER.A/491

<UNIDO pub>. <Expert report> on assistance in organizing
<maintenance and repair> at a <shoes> factory in
<Tanzania> - covers (1) project background and mission
objectives (2) local conditions for maintenance system;
proposed <repair shop> and service centre (3) <storage> of
<chemicals> (4) <organizational aspects> (5) <machinery>
and <equipment> (6) <training programmes> in the operation
and maintenance of shoe production machinery.
<Recommendations>, <job description>, <diagram>s.
<Restricted>.

ENGL

32.40

13500

1984

Dreyer, Marc
Kubursi, Atif A.
Manoranjan, Peter K.
Plaetzer, K.H.
Roepstorff, Torben M.
Suri, Raman

UNIDO

(R) INDONESIA INDUSTRY SECTOR STUDY. DRAFT.

UC/INS/82/106

Vienna, 1984. 6 vol. (various pagings). tables.

UNIDO-UNIDO/IS/R.11

UNIDO-UNIDO/IS/R.11/Add.1

UNIDO-UNIDO/IS/R.11/Add.2

UNIDO-UNIDO/IS/R.11/Add.3

UNIDO-UNIDO/IS/R.11/Add.4

UNIDO-UNIDO/IS/R.11/Add.5

<UNIDO pub>. <Expert report> on the <industrial sector> in <Indonesia>, with special reference to <capital goods> production - covers (1) <industrial development>: past <trend>s and future prospects (2) <survey> of capital goods and <engineering> industries; <machinery industry> (3) <long term> <projection>s of <demand> for capital goods (4) <development potential> of a selective capital goods industry (5) capital goods production in <developing countries>: international experience. <Statistics>, <bibliography>. Additional references: <vegetable oils>, <coconuts>, <palm oil>, <rubber>, <sugar>, <cocoa>, <coffee>, <tea>, <textiles>, <wood processing>, <cement>. <Restricted>.

ENGL

25.10

13501

1984

UNIDO

TROPICAL DEVELOPMENT AND RESEARCH INSTITUTE, LONDON

(R) A REPORT ON THE PROCESSING OF OILSEEDS IN DEVELOPING COUNTRIES.

Vienna, 1984. 154 p. tables.

::::

<UNIDO pub>. <Final report> on the processing of <oilseeds> in <developing countries> (reference: <food technology>) - covers (1) <definition>s, global overview of processing; crushing; analysis by seed and by country (2) types and levels of processing in the DCs (3) factors affecting <production capacity> and its utilization; <economic aspects>, <supply>, <demand>, <trade>, technical aspects (4) the economics of small scale processing; the role of <transnational corporations>; <innovation>s (5) integrated development of <agro-industry>; <planning>. <Statistics>. Additional references: <rural industry>, <food storage>, <solvent>, <refining>, <maintenance and repair>, <spare parts>, <vegetable oils>. <Restricted>.

ENGL

31.10

13502

1983

Skala. Vaclav

Stuller, Gabriel

UNIDO

POLYTECHNA, PRAGUE

(R) VIETNAM. CONSULTANCY ON THE DEVELOPMENT AND IMPLEMENTATION OF THE NATIONAL NETWORK OF STANDARDIZATION, METROLOGY, QUALITY TESTING AND CALIBRATION SERVICE.

DP/VIE/81/006

Vienna, 1983. 155 p. diagrams.

::::

<UNIDO pub>. <Final report> on assistance to the national <standards institute> in <Vietnam> - covers (1) <standardization>, <metrology> and <quality control>; related <testing> (2) <equipment> and <instruments> required (3) accreditation of testing <laboratory>s; certification of quality (3) <legal aspects>, draft <regulations>, project programme. <Specifications>. <Restricted>.

ENGL

25.50

13503

1979

Venkatachalam, P.S.

UNIDO

(R) TRINIDAD AND TOBAGO. STUDY OF DEVELOPMENT POSSIBILITIES
IN LEATHER AND LEATHER PROCESSING INDUSTRIES. TERMINAL
REPORT.

DP/TRI/77/001

Vienna, 1979. 1 vol. (various pagings). tables.

::::

<UNIDO pub>. <Final report> regarding the <development potential> of <leather industry> in <Trinidad and Tobago> - covers (1) objectives and inputs of the study (2) survey of raw <hides and skins> (3) analysis of the <shoes> industry (4) <choice of technology>, <production capacity>s, <skills>, <training>, <chemicals>, <water supply>, <pollution control>, <machinery> (5) <small scale industry>, <cottage industry>. <Recommendations>, <statistics>. Additional references: <livestock>, <swine>, <slaughtering>, <tanning>. <Restricted>.

ENGL

32.40

13504

1984

UNIDO

INTER G, PARIS

(R) GUINEE. IDENTIFICATION DES PROJETS INDUSTRIELS.

RP/GUI/82/004

Vienna, 1984. 256 p. tables.

::::

<UNIDO pub>. <Final report> regarding industrial <project selection> in <Guinea> - covers (1) the role of the <industrial sector> in the <national economy>; the <institutional framework> of <industrial development> (2) consideration of <industrial project>s: <agri-product processing> and <food industry>; <chemical industry>; <building materials>; other sub-sectors (3) analysis and proposals; <electric power> requirements; criteria for choice of projects. <Statistics>, <questionnaire>, <bibliography>. Additional references: <financial aspects>, <infrastructure>, <utilities>, <market>. <Restricted>.

FREN

14.80

13505 1984

Arni, V.R.S.

UNIDO

(R) CHEMICALS FROM ALCOHOL.

Vienna, 1984. 18 p. tables.

::::

<UNIDO pub>. <Expert report> concerning production of <chemicals> from <alcohol> in <India> - covers (1) experience at a <cooperative> hitherto producing alcohol based on <molasses>; possibilities of adding chemicals (2) review of alternatives; <choice of product>s; potential manufacture of acetic <acid> and <polyvinyl acetate>; technical aspects, <costs> (3) problems of <waste disposal>; <effluent treatment> for <pollution control>. <Recommendations>. Additional reference: acetaldehyde. <Restricted>.

ENGL

35.30

13506 1984

Mennig, G.

UNIDO

(R) INDIA. ASSISTANCE TO CIPET/MADRAS IN THE FIELD OF RHEOLOGY OF POLYMER MELTS.

DP/IND/82/044

Vienna, 1984. 18 p.

::::

<UNIDO pub>. <Expert report> on assistance to a <plastics> <research centre> in <India>, with special reference to the flow behaviour of high polymer melts - covers (1) <definition> and significance of rheological research and <testing> (2) <laboratory> work conducted in Madras, serving the <plastics processing> industry (3) <equipment>, <instruments>, <training>, <standards>. <Recommendations>. Additional reference: <moulding>. <Restricted>.

ENGL

35.70

13507

1983

Kapesebele, P.M.

UNIDO

TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983

COUNTRY PAPER - ZAMBIA. (ON AGRICULTURAL MACHINERY).

Vienna, 1984. 35 p. tables.

UNIDO-ID/WG.418/10

<UNIDO pub> on <development potential> of <agricultural
machinery> industry in <Zambia> - covers (1) present
pattern of <farming> and status of the industry (2)
<agricultural mechanization> and <demand> for machinery,
<tractors> and <animal power> <agricultural equipment> (3)
<research and development>, manufacture of equipment;
<testing>; local <factory>s (4) <import> and <export>;
<engineering> and <metalworking industry>; <maintenance
and repair> (5) <industrial policy>; prospects, problems
(6) <technology transfer>; <cooperation>; <development
planning>, <investment policy>. <Statistics>.

ENGL

37.20

13508

1983

UNIDO

TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983

DRAFT REPORT. (TECHNICAL CONGRESS, MANILA).

Vienna, 1984. 31 p.

UNIDO-ID/WG.418/12

<UNIDO pub>. <Report> of a <meeting> on <appropriate
technology>, with special reference to <agricultural
machinery> and <energy> for <rural development> - (1)
covers organizational aspects (2) summarizes country
papers and papers regarding <role of UNIDO> and <ESCAP>
(3) presents reports of two working groups.
<Recommendations>, <agenda>, <list of participants>, <list
of documents>. Additional references: <agricultural
mechanization>, <technology transfer>, <cooperation>,
<ECDC>, <biogas>.

ENGL

24.30

13509

1984

Callarotti, Roberto C.

UNIDO

MICROELECTRONICS ACTIVITIES IN VENEZUELA - PRESENT AND FUTURE PERSPECTIVES.

Vienna, 1984. 92 p.

::::

<UNIDO pub>. <Expert report> on micro<electronics> development in <Venezuela> - covers (1) <integrated circuits>, hybrid circuit technology, microwave integrated circuits, fiber-optic <components> and systems, power devices, <solar energy> cells, <computer-aided design>, <computer-aided manufacture>, microprocessor applications, software development (<computer programmes>) (2) <electronics industry>: <telephone> manufacture, electronic <consumer goods>, professional electronics companies (3) <research and development>, <laboratory>s, <research centre>s (4) <development potential> (5) <cooperation> at all levels. <Recommendations>, <bibliography>. Additional references: <computer>s, <television sets>, <silicon>. <Restricted>.

ENGL

38.10

13510

1984

UNIDO

SCIENTIFIC CONFERENCE OF ENGINEERING AND ARCHITECTURE, CUBA, 1984

RECENT TRENDS AND UNIDO ACTIVITIES IN THE FIELD OF CONSTRUCTION IN DEVELOPING COUNTRIES.

Vienna, 1984. 33 p. graphs, diagrams.

UNIDO-UNIDO/IO.579

<UNIDO pub> on recent <trend>s in <construction industry> in <developing countries> and on the <role of UNIDO> in its promotion - covers (1) main factors of industrialization of <housing> and <building materials> sector; <market economy>s, <planned economy>s, DCs (2) the activities of UNIDO; <technical assistance> and <cooperation> (3) examples of <industrial project>s recently completed or currently active. <Statistics>, <diagram>. Additional references: <energy conservation>, <insulation>, <ceramics>, <clay>, <lime>, <marble>, <stone>, <fly ash>, <pollution control>, <components>.

ENGL

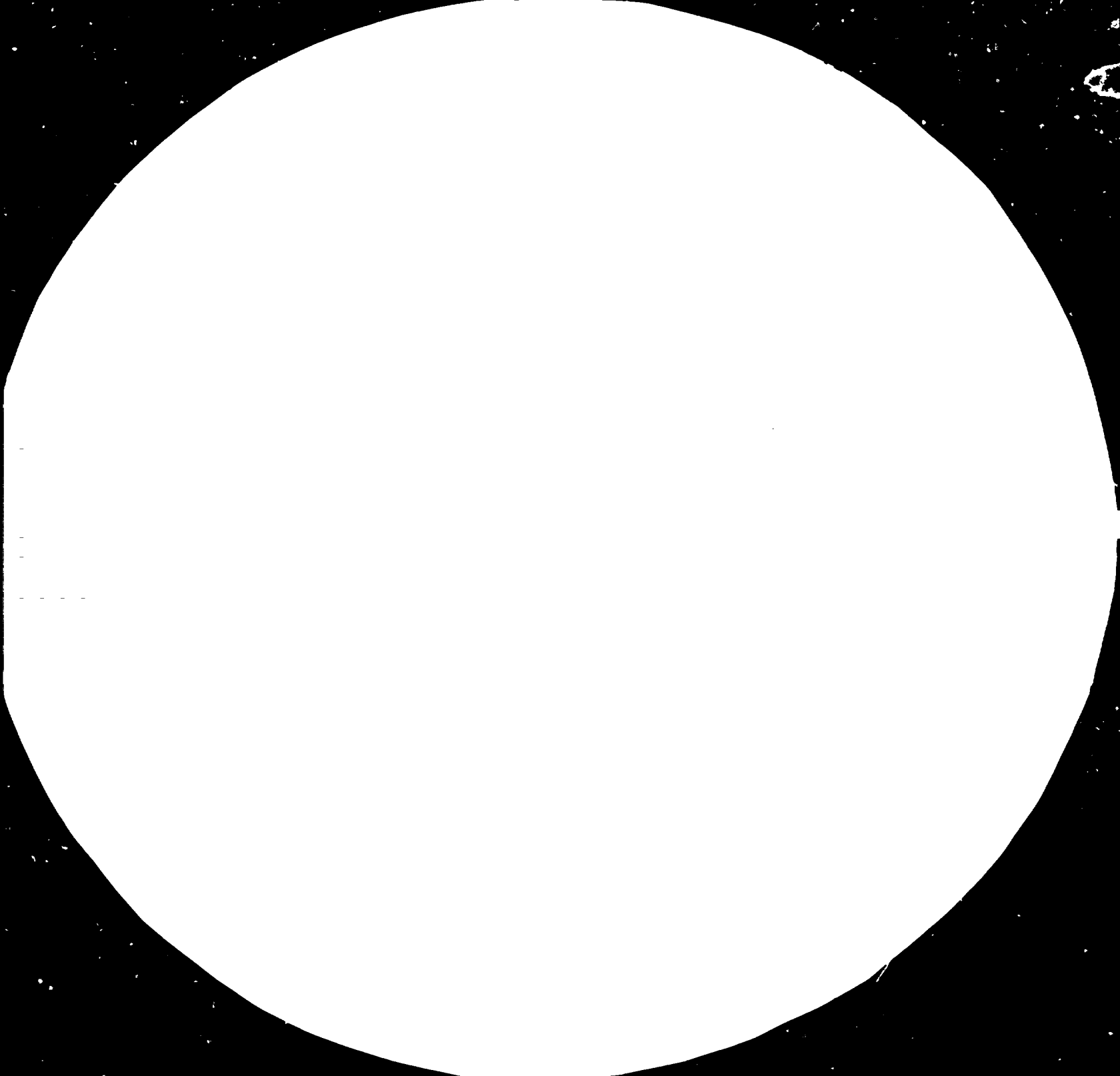
33.10

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1115.5+1





MICROCOPY RESOLUTION TEST CHART

NATIONAL BUREAU OF STANDARDS
STANDARD REFERENCE MATERIAL 1010a
ANSI AND ISO TEST CHART No. 2

13511

1984

Rada, Juan F.

UNIDO

(R) SUMMARY REVIEW OF GOVERNMENT POLICIES ON INFORMATION TECHNOLOGY.

Vienna, 1984. 62 p. tables.

::::

<UNIDO pub>. <Expert report> on government policies regarding information technology, with special reference to micro<electronics> - covers (1) <trend>s in <advanced technology> affecting the <electronics industry>: <components>, <computer>s, <telecommunications industry> (2) <government policy>s in <USA>, <Japan>, <Germany FR>, <France>, <UK>, <Spain>, <developing countries>, <Far East>, <India> and <Brazil>. <Statistics>, <bibliography>. Additional references: <integrated circuits>, <computer programmes>. <Restricted>.

ENGL

38.10

13512

1983

UNIDO

INTERNATIONAL SEMINAR ON INDUSTRIAL TRAINING, LUANDA, ANGOLA, 1981

(R) SEMINAIRE INTERNATIONAL SUR LA FORMATION INDUSTRIELLE DANS LES PAYS AFRICAINS D'EXPRESSION PORTUGAISE.

Vienna, 1983. 43 p.

UNIDO-UNIDO/IO/R.107

<UNIDO pub>. <Report> on a <seminar> concerning industrial <training> in <Angola>, <Cape Verde>, <Guinea Bissau>, <Mozambique> and <Sao Tome and Principe> - covers (1) survey of training and <educational policy>s in each country, with detailed analysis of <training assistance> requirements and suggestions for the establishment of <training centre>s; needs in the fields of <engineering> and <technical education> (2) <technical personnel>, <skills>; <in-plant training>, <training programmes>, <training abroad>, <fellowships>; the <role of UNIDO>, <regional cooperation>. <Recommendations>. <Restricted>.

FREN

12.40

13513 1983
Michalet, Charles-Albert
UNIDO
(R) LA COOPERATION INDUSTRIELLE AU NIVEAU DES ENTREPRISES.
Vienna, 1983. 26 p.

::::
<UNIDO pub>. <Expert report> regarding <cooperation> at
the <industrial enterprise> level - describes (1)
traditional types of <North-South> commercial relations
based on <export>, <license>s, <technology transfer>,
transfer of <knowhow> (2) new patterns including <joint
venture>s, <technical assistance>, <contract>ing,
<subcontracting>, <leasing>, franchising; the role of
<transnational corporations> (3) problems; need for
development of new methods of co-production, requiring co-
operation and agreements on state level.
<Recommendations>, <bibliography>. <Restricted>.

FREN
15.20

13514 1983
Arndt, W.A.
UNIDO
(R) INDONESIA INDUSTRY SECTOR STUDY. PRELIMINARY OUTLINE.
Vienna, 1983. 13 p.

::::
<UNIDO pub> giving outline for a study on the <industrial
sector> of <Indonesia> - covers: overall prospects for
<industrial development>; <machinery industry>; <demand>
for <capital goods>; priorities; existing and required
technological <skills> and <knowhow>; <industrial policy>
requirements. <Restricted>.

ENGL
21.20

13515 1983
Mazurkiewicz, Boleslaw K.
UNIDO
(R) SEYCHELLES. REPORT ON THE FOURTH MISSION. (SHIPBUILDING).
UF/SEY/80/044
Vienna, 1983. 20 p. tables, graphs, diagrams.

::::
<UNIDO pub>. <Expert report> on assistance to
<shipbuilding> in the <Seychelles> - covers (1) progress
of implementation of a project for establishing a boatyard
on the island of Praslin; assessment of relevant
construction work (2) general programme and basic layouts;
production line and <repair shop>s; <equipment>; <manning
table>; <ships> launching and docking facility.
<Restricted>.

ENGL
37.40

13516 1983
Kariyone, Takao
UNIDO
(R) ROMANIA. PRODUCTION AND FORMULATION OF PROCESSING OILS
FOR CHEMICAL FIBRES FABRICATION AND APPLICATION. TERMINAL
REPORT.
SI/ROM/82/802
Vienna, 1983. 14 p.

::::
<UNIDO pub>. <Final report> on assistance to formulation
of processing <oils and fats> for <synthetic fibres>
industry in <Romania> - covers (1) <research> towards the
improvement of processing oils for each chemical fibre (2)
processing oils formulation and synthesis technology of
surfactants. <Recommendations>. Additional references:
<laboratory>s, <testing>, <chemicals>, oil <chemistry>.
<Restricted>.

ENGL
32.30

13517 1984
Fooks, Phillip
UNIDO
(R) NIGERIA. MISSION OF MARKETING CONSULTANT.
PR/NIR/82/001
Vienna, 1984. 14 p.

::::
<UNIDO pub>. <Expert report> on assistance to <marketing>
development in <Nigeria> - covers <seminar> held and other
<training programmes>. <Recommendations> on follow-up
activities. <Restricted>.

ENGL
27.10

13518 1984
UNIDO
CONSULTATION ON THE LEATHER AND LEATHER PRODUCTS INDUSTRY,
3RD, INNSBRUCK, AUSTRIA, 1984
PROSPECTS FOR SECTORAL PROGRAMME FINANCING IN THE LEATHER AND
LEATHER PRODUCTS INDUSTRY.
Vienna, 1984. 6 p.
UNIDO-ID/WG.411/13

<UNIDO pub> on <financing> in the <leather industry> in
<developing countries> - covers (1) issues and
considerations relevant to <investment> in this sector (2)
programme financing for integrated development: the <hides
and skins> sector; the <tanning> sector; the <leather
goods> industry (3) critical areas for <government policy>
and actions (4) programme financing for revitalization of
existing <factory>s.

ENGL
32.40

13519

1984

UNIDO

(R) TESTING OF PAKISTAN COALS AND INDIAN IRON ORES FOR SPONGE
IRON PRODUCTION. FINAL REPORT.

DP/PAK/79/020

Vienna, 1984. 22 p. tables, graphs, diagrams.

::::

<UNIDO pub>. <Final report> on testing suitability of
<coal> from <Pakistan> for fuel in production of <sponge
iron> - covers (1) investigation on use of such coals as
reductant with <iron ore>s from <India> (2) <testing>
programme conducted in <laboratory>; results; conclusions.
<Statistics>. Additional references: <sulphur>,
<limestone>, <furnace>. <Restricted>.

ENGL

34.30

13520

1983

Zervudachi, A.

UNIDO

(R) TECHNOLOGY PAYMENT EVALUATION. SUMMARY RESULTS OF A PILOT
EXERCISE.

Vienna, 1983. 22 p. tables.

::::

<UNIDO pub>. <Expert report> on an exercise in
<evaluation> of <technology transfer> payments - (1)
covers application by the <India>n registry of an
evaluation method upon a sample of 50 <contract>s (2)
reviews results as compared to those obtained by
registries in <Portugal> and <Philippines> (3) summarizes
progress made so far and indicates further areas of
<research>. <Recommendations>. Additional references:
<licensing>, <profit sharing>, <role of UNIDO>.
<Restricted>.

ENGL

24.30

13521 1983

Thurnell-Read, Duncan

UNIDO

(R) SRI LANKA. ESTABLISHMENT OF A METROLOGY LABORATORY AND
PROVISION OF CALIBRATION SERVICES. TECHNICAL REPORT.

DP/SRL/82/003

Vienna, 1983. 128 p. tables.

::::

<UNIDO pub>. <Expert report> on assistance in setting up a
<metrology> <laboratory> in <Sri Lanka> - covers (1)
survey of <testing> facilities in industry and
<technological institute>s (2) assistance to the Ceylon
<Standards Institute> to enable it to furnish calibration
services for <measuring instruments> as well as
<maintenance and repair>, with special reference to
testing of <textiles>, <electrical equipment>, mechanical
<instruments>, <chemicals>, <metals>, <food>s (3)
<training> of <staff>; <fellowships> proposals, <technical
assistance>, <equipment> requirements; <government
policy>. <Recommendations>, <statistics>, <bibliography>.
<Restricted>.

ENGL

25.50

13522 1984

Fooks, Phillip

UNIDO

NIGERIA. EVALUATION REPORT ON ASSISTANCE TO MANAGEMENT
DEVELOPMENT.

DP/NIR/75/012

Vienna, 1984. 9 p.

::::

<UNIDO pub>. <Expert report> on assistance to <management
development> in <Nigeria> - covers (1) status of the
project: overall assessment; appointment of acting
director and expansion of the programme; need for local
<staff> and relevant constraints; the <role of UNIDO>;
<seminar> programme for 1984; indicated <training
assistance> (2) <recommendations> for action. Additional
references: <research programmes>, <feasibility study>s,
<market> and product research.

ENGL

12.40

13523

1984

UNIDO

GENERAL CONFERENCE OF UNIDO, 4TH, VIENNA, 1984
STRENGTHENING OF SCIENTIFIC AND TECHNOLOGICAL CAPACITIES FOR
INDUSTRIAL DEVELOPMENT IN DEVELOPING COUNTRIES. ISSUE PAPER.
- RENFORCEMENT DU POTENTIEL SCIENTIFIQUE ET TECHNOLOGIQUE EN
VUE DE L'INDUSTRIALISATION DES PAYS EN DEVELOPPEMENT.
DOCUMENT THEMATIQUE.
- FORTALECIMIENTO DE CAPACIDADES CIENTIFICAS Y TECNOLOGICAS
PARA LA INDUSTRIALIZACION DE LOS PAISES EN DESARROLLO.
DOCUMENTO DE DEBATE.

Vienna, 1984. 10 p.

UNIDO-ID/CONF.5/5

<UNIDO pub> on major issues in strengthening the
capacities of <developing countries> in the fields of
science and <technology> - covers (1) progress achieved
and constraints faced (2) the impact of <advanced
technology> on <industrial development>; <social aspects>
(3) industrial technology for the 1980s (4) international
<cooperation> in the 1980s; new dimensions, including
<TCDC> (5) the new <role of UNIDO> in <technical
assistance> and advisory services. Additional references:
<technology policy>, <knowhow>, <innovation>s, <science>.

ENGL FREN SPAN RUSS CHIN ARAB

24.30

13524

1983

Hubeny, H.

UNIDO

LABORATORIUM FUER KUNSTOFFTECHNIK, VIENNA
UNIDO IN-PLANT TRAINING PROGRAMME IN THE FIELD OF PLASTICS
TECHNOLOGY, 14TH, VIENNA, 1983
FINAL REPORT. (TRAINING PROGRAMME IN PLASTICS TECHNOLOGY).
US/INT/83/070
Vienna, 1983. 35 p. illus.

::::

<UNIDO pub>. <Report> on an <in-plant training> programme
in <Austria> in the field of <plastics> technology -
covers (1) background of <training programmes>; objectives
(2) subjects covered in lectures involving theory and
practice (3) <research> papers and lectures on special
themes (4) visits to <factory>s; <equipment>. <List of
participants>, illustrations. Additional references:
<chemicals>, <choice of technology>, <research and
development>.

ENGL

35.70

13525

1984

Hussain, Tafazzal

UNIDO

(R) A STUDY OF MICROELECTRONICS INDUSTRY IN BANGLADESH.
Vienna, 1984. 54 p. tables.

:::

<UNIDO pub>. <Expert report> on the micro<electronics industry> in <Bangladesh> - covers (1) <assembling> of <radio sets>, <television sets>, <tape recorders> on the basis of imported <components>; the application of <integrated circuits>; <manpower needs>, technical <training> facilities, <research and development> (2) need for feasibility study for <joint venture> projects; <incentives> suggested for development of <computer programmes>; need for international <cooperation> (3) interviews with <entrepreneurs> and staff of <technological institute>s. <Recommendations>, <questionnaire>. <Restricted>.

ENGL

38.10

13526

1984

UNIDO

GENERAL CONFERENCE OF UNIDO, 4TH, VIENNA, 1984
WORLD INDUSTRIAL RESTRUCTURING AND REDEPLOYMENT. ISSUE PAPER.
- RESTRUCTURATION ET REDEPLOIEMENT DE L'INDUSTRIE MONDIALE.
DOCUMENT THEMATIQUE.
- REESTRUCTURACION Y REDESPLIEGUE INDUSTRIAL MUNDIAL.
DOCUMENTO DE DEBATE.

Vienna, 1984. 10 p.

UNIDO-ID/CONF.5/16

<UNIDO pub> on issues in <structural change> in world industry and on <industrial redeployment> - covers (1) the concept (2) recommended actions towards world industrial restructuring and redeployment: action by the <international organizations>; <role of developed countries>; <role of developing countries>; <role of UNIDO>.

ENGL FREN SPAN RUSS CHIN ARAB

14.60

13527

1984

UNIDO

GENERAL CONFERENCE OF UNIDO, 4TH, VIENNA, 1984

THE LEAST DEVELOPED COUNTRIES: IMPLEMENTATION OF THE
SUBSTANTIAL NEW PROGRAMME OF ACTION. ISSUE PAPER.

- LES PAYS LES MOINS AVANCES: MISE EN OEUVRE DU NOUVEAU
PROGRAMME SUBSTANTIEL D'ACTION. DOCUMENT THEMATIQUE.
- LOS PAISES MENOS ADELANTADOS: APLICACION DEL NUEVO PROGRAMA
SUSTANCIAL DE ACCION. DOCUMENTO DE DEBATE.

Vienna, 1984. 9 p.

UNIDO-ID/CONF.5/18

<UNIDO pub> on <industrial development> for the <least
developed countries> - covers (1) the role of
<manufacturing> in the <economic development> of the LDCs
(2) ways to increase their industrial <productivity> (3)
measures required at the <national level> (4) the <role of
UNIDO> in assisting the LDCs.

ENGL FREN SPAN RUSS CHIN ARAB

14.60

13528

1984

Patterson, H.B.W.

UNIDO

(R) MEASURES AND FORMS TO PROMOTE INTEGRATED DEVELOPMENT OF
THE VEGETABLE OILS AND FATS INDUSTRY WITHIN THE FOOD-
PROCESSING INDUSTRY.

Vienna, 1984. 39 p. tables.

:::::

<UNIDO pub>. <Expert report> on promotion of integrated
<vegetable oils> and fats industry in <developing
countries> (reference: <agro-industry>) - covers <crop
yield> of oils; <production costs>; <food technology>;
<social aspects>, <economic aspects>, <location of
industry>; the present situation in <Malaysia>,
<Philippines>, <India>, <Brazil>, <Egypt>; the role of
<transnational corporations> in <technology transfer> for
<process control> and <quality control> (3) methods of
integration, <cooperative>s; <financial aspects>, need for
feasibility studies; <planning> and <investment>;
<training> needs, <regional cooperation>; the <role of
UNIDO>. <Recommendations>. <Restricted>.

ENGL

31.70

13529

1984

De Grootte, Patrik J.

UNIDO

(R) MEASURES TO OVERCOME MACHINERY AND SPARE PARTS SHORTAGES
FOR FOOD-PROCESSING INDUSTRY BY EXAMPLE OF THE VEGETABLE
OILS AND FATS INDUSTRY IN DEVELOPING COUNTRIES.

Vienna, 1984. 31 p.

::::

<UNIDO pub>. <Expert report> assuring <supply> of
<machinery> and <spare parts> in <developing countries>,
with special reference to the <vegetable oils> industry -
covers (1) need for <training> of <technical personnel> on
<maintenance and repair> problems and choice of
<equipment>; technical <documentation> requirements;
<economic aspects>, <social aspects> of the problem; need
for <infrastructure> (2) <choice of technology>; <training
programmes> for <skilled workers>; need for <stock>
<management> of spare parts; <contracting aspects>;
<industrial policy>; conditions for <domestic
production>; <role of UNIDO>. <Recommendations>.
Additional reference: <food technology>. <Restricted>.

ENGL

25.20

13530

1983

Nielsen, J.L.T.

UNIDO

(R) INDIA. TRAINING AT CIPET-MADRAS IN BLOWN-FILM EXTRUSION.
TECHNICAL REPORT.

DP/IND/74/052

Vienna, 1983. 21 p. diagram.

::::

<UNIDO pub>. <Expert report> on assistance in <plastics>
<extruding> in <India> - covers (1) activities at a
<training centre> in processing blown <plastic film>;
checking on extrusion <machinery> and suggesting
appropriate procedures (2) need for new <equipment> and
further <training programmes>. <Diagram>,
<recommendations>. Additional references: injection
<moulding>, <testing>, <dies and jigs>. <Restricted>.

ENGL

35.70

13531

1984

UNIDO

CENTRE FOR DEVELOPMENT ALTERNATIVES, INDIA

(R) INTEGRATED APPLICATIONS OF TECHNOLOGIES FOR COMPLETE
UTILIZATION OF AGRICULTURAL CROPS.

Vienna, 1984. 38 p. tables, graphs, diagrams.

::::

<UNIDO pub>. <Final report> on technologies for integrated
<agro-industry> based on <rice> in Tamil Nadu State,
<India> - covers (1) survey of possible industries which
could be established around a paddy crop; choice of
project area and methodology (2) background data on North
Arcot District (3) production and complete utilization of
rice crop <by-product>s; <waste utilization>; <choice of
technology> (4) feasibility and <economic aspects> (5)
<case study> of <rice bran> processing industry.
<Statistics>, <flow chart>s. Additional references:
<agricultural wastes>, <rice husks>, <appropriate
technology>, <rural industry>. <Restricted>.

ENGL

31.30

13532

1984

Ciuba, Zbigniew

UNIDO

CENTROZAP, KATOWICE, POLAND

(R) ANGOLA. ASSISTANCE IN THE REHABILITATION OF SIDERURGIA
NATIONAL STEELWORKS. FINAL REPORT.

DP/ANG/82/802

Vienna, 1984. 2 vol. (various pagings). tables.

::::

<UNIDO pub>. <Final report> on assistance to <iron and
steel industry> in <Angola> - covers (1) activities
designed to improve <productivity> of Siderurgia National
Steelworks in Luanda through <training assistance>;
upgrading <knowhow> of <technical personnel> and <workers>
in technology of <steel> making (2) <factory
organization>; operating and <maintenance and repair> in
steelmaking and <rolling> mills sections (3) <production
capacity>, <quality standards>. <Recommendations>, tables,
<specifications>. Additional references: <spare parts>,
<laboratory>, <furnace>, <ingots>, <electric motors>.
<Restricted>.

ENGL

36.10

13533

1984

UNIDO

GHERZI TEXTIL ORGANISATION, ZUERICH

(R) ARGENTINA. ASSESSMENT OF RESTRUCTURING NEEDS OF THE
TEXTILE INDUSTRY.

SI/ARG/82/801

Vienna, 1984. 174 p. tables, diagrams, maps.

::::

<UNIDO pub>. <Final report> regarding the <textile industry> in <Argentina> - covers (1) the industry's structure and <productivity>; <cotton> <spinning>, <weaving> (2) <domestic consumption> of <textiles> (3) strengths and weaknesses of the industry affecting its <competitiveness>; <manpower>, <labour costs>; <costs> of <raw material>s (cotton, <synthetic fibres>, <dyes> and <chemicals>; <fuel>s, <utilities> (4) conditions of <factory>s (5) cost of products; <financial aspects>. <Recommendations>, <statistics>. <Restricted>.

ENGL

32.30

13534

1984

Kurowski, Lech

UNIDO

(R) TOGO. SEMINAIRE SUR L'EVALUATION DES PROJETS INDUSTRIELS
EFFECTUEE A LA BANQUE OUEST AFRICAINE DE DEVELOPPEMENT.

UC/RAF/84/031

Vienna, 1984. 8 p.

::::

<UNIDO pub>. <Expert report> regarding a <seminar> on industrial <project evaluation> in <Togo> - covers organizational aspects, preparation and proceedings of <training programmes> sponsored by the West African <Development Bank>. <Recommendations>, <list of participants>. Additional references: <feasibility study>s, <role of UNIDO>.

FREN

14.80

13535

1984

Brook, Stuart

UNIDO

(R) INDIA. DEVELOPMENT OF HOSIERY AND KNITWEAR INDUSTRY.

TECHNICAL EVALUATIONS OF PROJECT STATUS.

DP/IND/82/006

Vienna, 1984. 53 p. tables, flow charts.

UNIDO-DP/ID/SER.A/504

<UNIDO pub>. <Expert report> on a project of assistance to <knitting> industry in Ludhiana, Punjab, <India> - covers (1) status of project: technical aspects (2) the <textile industry> (3) report on outputs: guidelines on production methods; <handbook> on <dyeing> techniques and on <maintenance and repair> of <machinery> and <equipment>; <factory> visits (4) <marketing>. <Recommendations>, <glossary>, <job description>, list of <training programmes> and <fellowships>. <Restricted>.

ENGL

32.30

13536

1984

Ostlund, Sture V.

UNIDO

(R) THE SITUATION OF THE CORRUGATED BOARD INDUSTRY IN THE

ARAB REGION AND DEVELOPMENT PLAN FOR THE INDUSTRY.

TECHNICAL REPORT.

DP/RAB/80/013

Vienna, 1984. 102 p. tables, graphs.

UNIDO-DP/ID/SER.A/506

<UNIDO pub>. <Expert report> on <development potential> of the <cardboard> <packaging> industry in the <Arab countries> - covers (1) project background and mission programme (2) importance of corrugated board packaging; background (3) present situation of the corrugated industry in the region; proposals for a <regional> <development centre> (4) plan for activities 1983/86; work plan for 1983/84 (5) the corrugated board industry in <Morocco> and in <Tunisia>. <Recommendations>, <job description>, <questionnaire>. Additional references: <pulp and paper industry>, <boxes>. <Restricted>.

ENGL

32.10

13537

1984

Sampath, K.

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
WELDING PROCESSES AND THEIR APPLICATION. PRESENT STATUS.
Vienna, 1984. 18 p. diagrams, illus.

UNIDO-ID/WG.420/2

<UNIDO pub> on <welding> processes and their application
(based on experience in <India>) - presents case studies
regarding (1) difficult conditions of weld joint in
lithium <electric batteries> (2) joining of stiffeners to
panels in <shipbuilding> (3) bead profile as a factor in
wheel welding (4) hot wire addition to improve notch
toughness (5) role of materials in process selection (6)
surfacing requirements; narrow gaps (7) on-the-job
factors. <Diagram>s, illustrations.

ENGL

36.30

13538

1984

Pullat, B.

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
INTEGRATED HUMAN RESOURCE DEVELOPMENT.
Vienna, 1984. 17 p.

UNIDO-ID/WG.420/4

<UNIDO pub> on <training> for <welding> processes (based
on experience in <India>) - covers (1) profile of
<technical personnel>; <training programmes> for welding
<engineers>, <supervisors> and <skilled workers>;
interaction between <industry and higher education> (2)
application of qualified welding manpower: procedure
<specifications>; performance qualifications.

ENGL

36.30

13539 1984
Krishnamurthi, R.
UNIDO
INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
APPROPRIATE WELDING TECHNIQUES FOR MAINTENANCE.
Vienna, 1984. 26 p. tables.
UNIDO-ID/WG.420/8
<UNIDO pub> on <welding> techniques for <maintenance and
repair> (based on experience in <India>) - covers (1) role
of welding <research centre> (2) <case study>s concerning
(a) hardfacing of <sugar> mill crusher rollers (b) "hot-
arc" weld surfacing (c) in-situ repair of hydrogenerator
runner (d) plasma applications; surface treatment.
Additional references: <coating process>, <equipment>.
ENGL
36.30

13540 1984
UNIDO
CARIBBEAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN
THE INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS,
GEORGETOWN, GUYANA, 1984
PROVISIONAL AGENDA. (CARIBBEAN WORKSHOP ON WOMEN AND
INDUSTRIAL PLANNING).
Vienna, 1984. 4 p.
UNIDO-ID/WG.423/1
<UNIDO pub>. <Agenda> for a <meeting> on the integration
of <women> in the <industrial planning> and development
process.
ENGL
23.30

13541 1984
Popovics, Sandor
UNIDO
(R) CHINA. RESEARCH AND DEVELOPMENT FOR FLY ASH UTILIZATION.
TECHNICAL REPORT.
Vienna, 1984. 6 p.

::::
<UNIDO pub>. <Expert report> on assistance concerning <fly ash> use in <concrete> in <China> - covers (1) work conducted and lectures given at a building sciences <research centre> in Shanghai (2) problems in using fly ash in concrete production (3) specific activities; visits to factories. <Recommendations>. Additional references: <construction industry>, <corrosion>. <Restricted>.

ENGL
33.20

13542 1983
Glisin, Vladimir
UNIDO
(R) GENETIC ENGINEERING AND BIOTECHNOLOGY - SOME PREREQUISITES FOR THEIR DEVELOPMENT IN DEVELOPING COUNTRIES.
Vienna, 1983. 10 p.

::::
<UNIDO pub>. <Expert report> on steps to promote <genetic engineering> in <developing countries> - covers (1) background of early <research> (2) common denominators of an effective <science> and <technology policy> in DCs (3) the role of <research centres> in developing <biotechnology>; appropriate <educational policy> to create scientific <infrastructure> (4) some areas of application for biotechnology. <Restricted>.

ENGL
35.50

13543 1983
Clemente, Wilfredo A.
UNIDO
TECHNICAL CONGRESS HELD IN CONJUNCTION WITH THE THIRD
INTERNATIONAL FAIR - "TECHNOLOGY FOR THE PEOPLE", MANILA,
1983
STRENGTHENING SOUTH-SOUTH BUSINESS TIES ON AGRICULTURAL
MACHINERY AND RURAL ENERGY.
Vienna, 1984. 7 p.
UNIDO-ID/WG.418/1
<UNIDO pub> on strengthening <TCDC> with regard to
<agricultural machinery> and equipment for use of
<renewable energy> - covers (1) efforts to increase
effective <South-South> <cooperation> on the level of
<industrial enterprise>s and <research centre>s (2)
problems of <industrial information> and <information
exchange>, <standardization>, determination of <demand>,
etc. (3) suggestions for action. Additional references:
<rural area>s, <ESCAP> region.
ENGL
37.20

13544 1983
Fernandez, C.P.
Manaligod, H.T.
Stickney, R.E.
UNIDO
INTRODUCTION OF THE CAAMS-IRRI MECHANICAL REAPER IN THE
PHILIPPINES.
Vienna, 1984. 21 p. tables, map, illus.
UNIDO-ID/WG.418/9
<UNIDO pub> on introduction of a mechanical reaper in the
<Philippines> (reference: <agricultural equipment>,
<agricultural extension>) - covers (1) extension
activities; selection of target areas; field demonstration
and trials; <training programmes> for fabrication;
<technical assistance> and <prototype> <testing> (2)
survey regarding effectivity of <research and development>
and extension services; <survey method> and results (3)
conclusions. <Statistics>, <maps>, illustrations.
ENGL
37.20

13545 1983
Bergmann, Heinrich W.
UNIDO
INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983
MECHANISMS OF FRACTURE IN FIBRE REINFORCED STRUCTURES.
Vienna, 1984. 41 p. graphs, diagrams, illus.
UNIDO-ID/WG.416/11
<UNIDO pub> on mechanisms of fracture in <carbon fibres>
reinforced structures (reference: <aircraft industry>,
<Germany FR>) - covers (1) problems of forecasting effects
of defects on safe operation of aerospace structures (2)
<testing> programme; failure analysis; stress analysis;
mechanisms of fracture (3) environmental effects (4)
limits of fracture mechanics. <Diagram>s, illustrations.
Additional references: <new materials>, <lamination>,
<research>, damage mechanics, <maintenance and repair>.
ENGL
35.30

13546 1983
Stenzenberger, H.D.
UNIDO
INTERNATIONAL CONFERENCE ON CARBON FIBRE APPLICATIONS, SAO
JOSE DOS CAMPOS, SALVADOR, BRAZIL, 1983
POLYMER MATRICES FOR CARBON FIBRE AND HYBRIDE FIBRE
REINFORCED COMPOSITES.
Vienna, 1984. 30 p. tables, graphs, diagrams.
UNIDO-ID/WG.416/13
<UNIDO pub> on polymer matrices for <carbon fibres> and
hybride fibre reinforced composites (reference: <resins>),
based on experience in <Germany FR> - covers (1)
development of thermosetting polyimide resins (2)
bismaleimide type resins potentially applicable as matrix
resins for <graphite> fibre <lamination> for (a) high
<temperature> applications (b) use in hot wet environment.
<Diagram>s, process <statistics>. Additional references:
<new materials>, <moulding>, <chemistry>.
ENGL
35.30

13547 1984
Hogg, Martin V.
UNIDO
AFRICAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN THE
INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS, HARARE,
ZIMBABWE, 1984
INDUSTRIAL DEVELOPMENT STRATEGIES IN AFRICA - AN OVERVIEW.
Vienna, 1984. 4 p.
UNIDO-ID/WG.422/2
<UNIDO pub> on <industrial development> strategies in
<Africa> - covers (1) the pattern of industrial
development in Africa thus far (2) <economic conditions>;
<economic development> (3) the Lagos Plan of Action and
the industrial development decade for Africa. Additional
references: <industrialization policy>, <social aspects>,
<natural resources>, <raw material>s.
ENGL
14.60

13548 1984
Hogg, Martin V.
UNIDO
AFRICAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN THE
INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS, HARARE,
ZIMBABWE, 1984
THE PROCESS OF INDUSTRIAL PLANNING.
Vienna, 1984. 12 p.
UNIDO-ID/WG.422/3
<UNIDO pub> on the integration of <women> in the
<industrial planning> process - covers (1) the planning
process: elements of plan formulation; programme, project,
<costs>, budget, technology, etc. (2) programme direction,
strategies and implementation (3) <industrial project>
planning (4) factors to be considered in <project design>;
utilization of existing <skills> of women; <social
aspects> (5) check list for <development project>s aimed
at integration of women.
ENGL
23.30

13549

1984

Nanjappa, K.N.

UNIDO

AFRICAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN THE INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS, HARARE, ZIMBABWE, 1984

ROLE OF WOMEN IN THE DEVELOPMENT OF SMALL SCALE INDUSTRIES.

Vienna, 1984. 6 p.

UNIDO-ID/WG.422/6

<UNIDO pub> on the role of <women> in development of <small scale industry>s - covers (1) background of <social aspects>, traditional factors and problems in countries of <Africa> (2) <management development>, <entrepreneurship> (3) content of the <training programmes>; post-training support; <incentives>; results; specific needs in African countries.

ENGL

23.30

13550

1984

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984

REPORT. (WORKSHOP ON PROMOTION OF WELDING TECHNOLOGY).

Vienna, 1984. 38 p.

UNIDO-ID/WG.420/15

<UNIDO pub>. <Report> of a <meeting> on <welding> technology for <developing countries> - covers: the role of <research centre>s; welding processes; welding consumables; <training>; <information service>s; <engineering> materials; <maintenance and repair>; <mechanization>; <innovation>s; <quality control> for fabricated <components>; <industry and higher education>. <Recommendations>. <Agenda>, <list of participants>, <list of documents>, summary of country papers.

ENGL

36.30

13551 1984
Winters, David
UNIDO
CONSULTATION ON THE LEATHER AND LEATHER PRODUCTS INDUSTRY,
3RD, INNSBRUCK, AUSTRIA, 1984
TECHNO-ECONOMIC STUDY ON MEASURES TO MITIGATE THE
ENVIRONMENTAL IMPACT OF THE LEATHER INDUSTRY, PARTICULARLY
IN DEVELOPING COUNTRIES.
Vienna, 1984. 157 p. tables, graphs, diagrams.
UNIDO-ID/WG.411/10
<UNIDO pub> on <pollution control> in <leather industry>,
with special reference to <effluent treatment> - covers
(1) traditional <tanning> technology; <industrial wastes>
and <pollutants> (2) improved <environmental tannery
processing; treatment of effluent; <choice of technology>;
<recycling>; plant and <equipment>; <specifications>,
<prices>; suppliers. <Statistics>, <diagram>s, <glossary>,
<bibliography>. Additional references: <water supply> and
conservation, <water pollution>, <waste disposal>,
<economic aspects>, <costs>, <pumps>, <filters>, <lime>.
ENGL
32.40

13552 1984
UNIDO
MINSTER AGRICULTURE, UK
P-E INTERNATIONAL OPERATIONS, UK
(R) INTEGRATED CASSAVA PROCESSING FACTORY. CONCEPT EVALUATION
OF CASSAVA CHIP PRODUCTION. FINAL REPORT.
US/INT/80/006
Vienna, 1984. 2 vol. (various pagings). tables, diagrams.
::::
<UNIDO pub>. <Final report> on a concept for <cassava>
chip production - covers (1) background of cassava
development; technical and <economic aspects> of <factory
establishment>; <case study>; viability (2) <choice of
technology> for chip production (3) <quality standards>;
<starch> content; meal and meal products; problems of
<contamination> and <toxicity> (4) cassava chip and pellet
production: <harvesting>, root preparation, root
<transport>, chipping procedures, chip <drying>;
<handling>, <food storage> (5) experience in <Thailand>
and <Indonesia>. <Recommendations>, <statistics>,
<diagram>s, <bibliography>. Additional references: <food
technology>, <flour>, <feed production>. <Restricted>.
ENGL
31.10

13553

1984

Ferenczi, T.
Gairola, P.K.
Horvath, J.
Mosoczy, F.
Palovits, Zs.
Sharma, P.N.

UNIDO

(R) INDIA. IMPROVEMENT OF ANODE PERFORMANCE FOR ALUMINIUM
SMELTING. FINAL REPORT.

SI/IND/82/801

Vienna, 1984. 56 p. tables, graphs.

::::

<UNIDO pub>. <Final report> on improvement of anode (<electrodes>) performance for <aluminium> <smelting> in <India> - covers (1) background; literature concerning <electrolysis> and use of additives in preparing appropriate anode paste; <patents>; <specifications> (2) technological <experiment>s conducted in <laboratory>s in <Hungary> and India. <Recommendations>, <statistics>, <bibliography>. Additional reference: <metallurgy>. <Restricted>.

ENGL

36.10

13554

1984

UNIDO

ICME BUSINESS CONSULTANTS, ZUERICH

(R) PDR YEMEN. TRAINING WORKSHOP IN MAINTENANCE PLANNING AND
MANAGEMENT. FINAL REPORT.

UC/PDY/82/093

Vienna, 1984. 23 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> on <training assistance> in <maintenance and repair> in <Yemen PDR> - covers (1) two <seminar>s on industrial maintenance <planning> and <management>; coaching participants in their respective <factory>s (2) preparation of a training <handbook> (3) instructions on maintenance <data recording>. <Training programmes>, <list of participants>, <diagram>s. Additional references: <management development>. <Restricted>.

ENGL

25.20

13555 1983
UNIDO
LURGI
(R) INDIA. OPERATING AND MAINTENANCE MANUAL. GASIFICATION
PILOT PLANT, HYDERABAD.
DP/IND/80/004
Vienna, 1983. 1 vol. (various pagings). tables, diagrams.

::::

<UNIDO pub>. <Handbook> on operation and maintenance of a
<coal> <gasification> plant in <India> - covers (1) daily
reports at <pilot plant>; <pipe>s and <instruments>; list
of orifices; safety <valves>; instrument alarm list;
operating pressures; operating data; <data recording> (2)
coal properties; gasifier <equipment>; coal lock; ash
lock; <gas> analysis; gasifier checklists; gas <cooling>;
gas liquor separation; <maintenance and repair> guides;
<industrial safety> <regulations>. Tables, <diagram>s.
<Restricted>.

ENGL
35.20

13556 1983
Singh, B.N.
UNIDO
(R) BRAZIL. STANDARDIZATION, CONTROL AND QUALITY
CERTIFICATION IN THE IRON AND STEEL INDUSTRY. FINAL REPORT.
DP/BRA/75/003
Vienna, 1983. 23 p.

::::

<UNIDO pub>. <Final report> on assistance to a <standards
institute> (INMETRO) in <Brazil>, with special reference
to <iron and steel industry> - covers (1) status of
national <standardization>; preparation of basic draft
<standards>; sampling methods in <metals> standards;
creation of new technical committees (2) <technical
assistance> in <quality control>; <training programmes>
and seminars. <Recommendations>, <list of documents>.
<Restricted>.

ENGL
36.10

13557

1983

Bean, Vern E.

UNIDO

(R) INDIA. VACUUM STANDARDS. FINAL REPORT.

DP/IND/79/004

Vienna, 1983. 7 p.

:::

<UNIDO pub>. <Final report> on assistance to the National Physical <Laboratory> in <India> with regard to <vacuum> standards for oil operated <instruments> - covers (1) activities involving characterization of primary <standards> for gages required for calibration services (2) preparation of an operators <handbook> (3) installation of a high pressure viscometer (4) general observations on the laboratory; handicaps. <Recommendations>. Additional reference: <metrology>. <Restricted>.

ENGL

37.50

13558

1984

Krishnamurthi, R.

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
INSTITUTION BUILDING IN A DEVELOPING COUNTRY - A CASE STUDY.
(WELDING).

Vienna, 1984. 20 p. diagram.

UNIDO-ID/WG.420/1

<UNIDO pub> on the role of <research centre>s in <developing countries>, based on experience of a <welding> institute in <India> - covers (1) problems of <industrialization>; need for an <institutional framework>; <technology transfer> and <industrial services> (2) <case study> of the Welding Research Institute at Tiruchirapalli: concept, <planning> and UNDP assistance, objectives, <research and development> activities, <financial aspects>, linkages, <TCDC>, prospects.

ENGL

36.30

13559

1984

Garg, A.K.
Narasimhan, K.
Raja, A.
Varma, D.V.R.
UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984

WELDING CONSUMABLES - AN OVERVIEW.

Vienna, 1984. 54 p. tables.

UNIDO-ID/WG.420/3

<UNIDO pub> on <welding> consumables - (1) describes consumables available process-wise, with attention to <classification> and applications (2) covers (a) manual <metals> arc welding; systems of <electrodes> classification; <testing>, storage and manufacture (b) <gas> metal arc welding electrodes (c) submerged arc welding; <wire>s, fluxes, properties of fluxes. Based on experience in <India>. <Specifications>. Additional references: <coatings>, <alloys>, <chemical analysis>, <metallurgy>.

ENGL
36.30

13560

1983

Chacon-Puig, F.
UNIDO

SEMINAR ON MODERN MAINTENANCE TECHNIQUES FOR THE ENGLISH-SPEAKING CARIBBEAN COUNTRIES, GEORGETOWN, GUYANA, 1983
(R) MISSION REPORT. (SEMINAR ON MAINTENANCE TECHNIQUES, CARIBBEAN).

Vienna, 1983. 10 p.

::::

<UNIDO pub>. <Mission report> regarding a <seminar> on modern <maintenance and repair> techniques for <sugar industry> in five <Caribbean> countries - covers (1) background of relevant <regional project> (2) technical topics covered; need for increased <knowhow> and <skills> to assist <factory> <modernization>. <List of participants>. Additional references: <role of UNIDO>, <training assistance>. <Restricted>.

ENGL
31.30

13561

1983

Hu Changhong
Li Shun Cheng
Liu Deyan
Lou Zhi-cen
Shen Jiaxiang
Xie Zhufan
Xiao Peigen

UNIDO

WORKSHOP ON THE PHARMACEUTICAL INDUSTRY (COMBINED MODERN-
TRADITIONAL PHARMACY) FOR PROMOTING TECHNICAL CO-OPERATION
AMONG THE DEVELOPING COUNTRIES, BEIJING AND HANGZHOU, 1982
(R) PROCEEDINGS OF THE WORKSHOP ON THE PHARMACEUTICAL
INDUSTRY (COMBINED MODERN-TRADITIONAL PHARMACY) FOR
PROMOTING TECHNICAL CO-OPERATION AMONG THE DEVELOPING
COUNTRIES.

Vienna, 1983. 109 p. tables, diagrams

UNIDO-UNIDO/IO/R.121

<UNIDO pub>. Proceedings of a <meeting> on combined modern
and traditional <pharmaceuticals> and their application in
<China> (reference: <medicinal plants>) - (1) covers
Chinese experience in utilizing available ethnomedical
information as a guide in enriching <health service>s;
<development potential> for <TCDC> (2) includes papers on
Chinese materia medica, considering: basic concepts;
clinical applications of traditional and herbal drugs;
<research and development>; traditional dosage forms and
their modernization; industrial production of traditional
and herbal remedies; <standardization>, etc.
<Bibliography>s. <Restricted>.

ENGL

35.60

13562 1984

Balasubramanian, M.

Pullat, B.

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
INFORMATION MANAGEMENT AND DISSEMINATION. (WELDING).

Vienna, 1984. 12 p. diagrams.

UNIDO-ID/WG.420/5

<UNIDO pub> on <information service>s for <welding>
industry in <India> - covers (1) information collected and
disseminated by a welding <research centre> (2)
classification of users (3) relevant <information system>
for searching <documentation> (based on <electronic data
processing>); contents; hardware and software
requirements. <Diagram>s, <bibliography>. Additional
reference: <metalworking industry>.

ENGL

36.30

13563 1983

Snitt, S.B.

UNIDO

(R) SOMALIA. FOUNDRY AND MECHANICAL WORKSHOP. TERMINAL REPORT.
DP/SOM/73/004

Vienna, 1983. 6 p. tables.

::::

<UNIDO pub>. <Final report> on assistance to a <foundry>
and mechanical <workshop> in <Somalia> - covers (1)
project objectives (2) activities carried out regarding
the foundry section, the pattern shop (<moulds> making),
<steel> and other <metal products>. <Recommendations>,
<statistics>. Additional references: <metalworking
industry>, <agricultural equipment>, <maintenance and
repair>, <dies and jigs>, grey <iron>, <training>.
<Restricted>.

ENGL

36.30

13564

1984

Savic, Isidor

UNIDO

(R) PAPUA NEW GUINEA. ASSISTANCE IN EVALUATING THE CONDITIONS FOR THE ESTABLISHMENT OF A MEAT CANNING PLANT. TECHNICAL REPORT.

SI/PNG/84/801

Vienna, 1984. 32 p. tables.

UNIDO-DP/ID/SER.A/507

<UNIDO pub>. <Expert report> on the feasibility of setting up a <meat> <canning> plant in <Papua New Guinea> - covers (1) assessment of PNG's <meat industry> in the light of cannery needs: <slaughtering>; <livestock> and meat <marketing> (2) evaluation of proposals in terms of <productivity> strategy: <choice of product>; shape and size of <cans>; product <pricing> (3) <location of industry> and <planning> of plant (4) <equipment> and <utilities> (5) <packaging> of finished products before <distribution> (6) in-plant <quality control>. <Recommendations>. Additional reference: <factory>. <Restricted>.

ENGL

31.30

13565

1984

Ashton, R.

UNIDO

(R) BANGLADESH. ASSISTANCE TO THE SPINNING SECTOR. TECHNICAL REPORT.

DP/BGD/82/006

Vienna, 1984. 37 p. tables, graphs.

UNIDO-DP/ID/SER.A/508

<UNIDO pub>. <Expert report> on assistance to the <spinning> industry in <Bangladesh> - covers (1) project background (2) work programme: <raw material>s and <cotton>; <quality control>; <modernization> and rehabilitation programme; machine operation and <choice of technology>; <machinery> evaluation (3) possibilities of improving machine and worker method of operation; <production control>; follow-up programme; <management development>. <Recommendations>. Additional references: <polyester>, <yarns>, <factory organization>. <Restricted>.

ENGL

32.30

13566 1984
Catanaoan, P.C.
UNIDO
(R) REVIEW OF THE DEVELOPMENT PROJECTS OF THE COCONUT
INDUSTRY IN THE CARICOM AREA.
Vienna, 1984. 85 p. tables.
UNIDO-UNIDO/IO/R.119

<UNIDO pub>. <Survey> of the <coconuts> industry in the
<Caribbean> region - covers (1) previous coconut industry
studies (2) information from <Antigua and Barbuda>,
<Belize>, <Dominica>, <Grenada>, <Guyana>, <Jamaica>, <St
Lucia>, <St Vincent and the Grenadines> and <Trinidad and
Tobago> (3) industry <evaluation>s (4) strategy for
increasing coconut and <vegetable oils> production (5)
industry information; <appropriate technology> (6)
suggested <industrial project>s. <Recommendations>,
<statistics>. Additional references: <CARICOM>, <copra>,
<farming>, <coconut fibres>, <by-product>s, <boiling>,
<refining>, <containers>, <edible oils>, <regional
cooperation>. <Restricted>.

ENGL
31.10

13567 1984
Catanaoan, P.C.
UNIDO
(R) EVALUATION OF THE COCONUT INDUSTRY IN SAINT LUCIA.
US/GLO/80/005
Vienna, 1984. 26 p. tables, maps.
UNIDO-UNIDO/IO/R.118

<UNIDO pub>. <Expert report> on the <coconuts> industry in
<St Lucia> - covers (1) present coconut and <copra>
production; copra making and <marketing>; coconut
processing; <consumption> and <market> of <vegetable oils>
(2) <development potential> and problems of
<diversification>; desiccated coconut; edible coconut
<flour> and cochin oil (3) <industrial application> of <by-
product>s; shell, husks, <coconut fibres>, coconut water
(4) <coconut palms>: replanting and <planting> new areas;
<farming> (5) pre-feasibility study of (a) a copra
production model for large coconut estates (b) a copra
centre for small farmers. <Recommendations>, <maps>,
<statistics>. <Restricted>.

ENGL
31.10

13568

1983

Russell, Don

UNIDO

(R) SRI LANKA. FOOTWEAR DESIGN AND PATTERN CUTTING TRAINING.
DP/SRL/81/007

Vienna, 1983. 18 p. diagrams.

::::

<UNIDO pub>. <Expert report> on assistance to <shoes>
industry in <Sri Lanka> - covers (1) <training>, <product
design>, pattern making <machinery>, <factory
organization> (2) guidance for <product development> of
new shoe ranges (<export promotion>). <Recommendations>,
<job description>, <diagram>s. <Restricted>.

ENGL

32.40

13569

1983

Chakrabarti, Nani G.

UNIDO

(R) MOZAMBIQUE. INDUSTRIAL SCALE RUN OF THE TECHNOLOGY OF
BOTTOM POURING TO PRODUCE PENCIL STEEL INGOTS, INGOT-MOULDS
AND APPRAISAL OF EXPANSION AND MODERNIZATION OF THE FOUNDRY
AND STEEL MAKING SHOPS. FINAL REPORT.

DP/MOZ/81/008

Vienna, 1983. 26 p. tables.

::::

<UNIDO pub>. <Final report> on assistance to <foundry>
industry in <Mozambique> - covers (1) findings concerning
<equipment>, <product mix>, major foundry <raw material>s
available; foundry <management>; manufacture of cast
<iron> ingot mould <casting>s for pencil <steel> <ingots>
(2) <modernization> and expansion of <factory>; major
constraints. <Recommendations>. Additional references:
<moulds>, <mechanization>. <Restricted>.

ENGL

36.30

13570

1983

Douglas, C.
Turmezey, T.
Wallen-Bryan, W.

UNIDO

(R) JAMAICA. REPORT ON THE INSTALLATION/COMMISSIONING AND
TRAINING ON THE GAMMA RAY SETTLER.

Vienna, 1983. 5 p. tables, graphs.

::::

<UNIDO pub>. <Expert report> on installation of equipment
serving <bauxite> research for the <alumina> industry in
<Jamaica> - covers (1) the SAM soft gamma ray absorption
model settler, designed to obtain the real settling
parameters of hydrometallurgical suspensions (2) relevant
<training> in <Hungary>; delivery of <equipment> to the
Jamaican Bauxite Institute; installation; safety
regulations; commissioning; training in Jamaica. Charts,
graphs. Additional reference: <metallurgy>. <Restricted>.

ENGL

36.20

13571

1984

Veeraraghavan, R.

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
AN OVERVIEW OF ENGINEERING MATERIALS FOR WELDED STRUCTURES
AND METALLURGICAL PROBLEMS IN FABRICATION INDUSTRY - PART I.

Vienna, 1984. 36 p. tables, graphs, illus.

UNIDO-ID/WG.420/6

<UNIDO pub> on <metallurgy>cal problems encountered during
<welding> fabrication (based on experience in <India>) -
covers (1) core <engineering> materials used in
<metalworking industry>s producing <boilers>, <ships>,
<locomotives>, <motor vehicles>, buildings, <bridges>,
<storage> <containers>, etc. (2) weldability problems in
fabrication; relevant <testing>; weldability evaluation of
an indigenous HSLA <steel>. Process <statistics>,
<diagram>s.

ENGL

36.30

13572 1984
Suresh, S.
UNIDO
INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
AN OVERVIEW OF ENGINEERING MATERIALS FOR WELDED STRUCTURES
AND METALLURGICAL PROBLEMS IN FABRICATION INDUSTRY - PART
II.
Vienna, 1984. 27 p. tables, graphs, diagrams, illus.
UNIDO-ID/WG.420/7
<UNIDO pub> on <welding>, with special reference to
problems of imperfections in fabrication of welded
structures (based on experience in <India>) - covers the
effect of weld defects, residual stress and initial
distortion on the service performance and reliability of
any welded structure and indicates procedures to be
followed to overcome such problems during fabrication.
<Diagram>s, process <statistics>. Additional references:
<heating>, <metalworking industry>.
ENGL
36.30

13573 1984
UNIDO
IDB, 18TH SESSION, VIENNA, 1984
ANNUAL REPORT OF THE EXECUTIVE DIRECTOR, 1983.
- RAPPORT ANNUEL DU DIRECTEUR EXECUTIF, 1983.
- INFORME ANUAL DEL DIRECTOR EJECUTIVO, 1983.
Vienna, 1984. 296 p. tables, graphs, diagrams, maps, illus.
UNIDO-ID/B/320
UNIDO-ID/B/320/Add.1
<UNIDO pub>. <Report> on the operations and <role of
UNIDO> in promoting <industrial development> during 1983 -
covers (1) inter-governmental policy-making organs (2)
<source of funds> (3) industrial operations; <project
implementation>; <cooperation> and <technical assistance>
(4) <industrial study>s (5) special programmes (6) reviews
and <evaluation>s (7) co-ordination, field and liaison
activities and <public information> (8) administration of
the <UNIDO> secretariat. <Statistics>, illustrations.
Additional references: <financing>, <energy>, <investment
promotion>, <least developed countries>, <technology>,
<TCDC>, consultations.
ENGL FREN SPAN RUSS CHIN ARAB
14.60

13574 1984
Winston, Gordon C.
UNIDO
THE UTILIZATION OF CAPITAL IN DEVELOPING COUNTRIES: A SURVEY
OF EMPIRICAL ESTIMATES.
Vienna, 1984. 106 p. tables.
UNIDO-UNIDO/IS.469
<UNIDO pub>. <Survey> of existing empirical estimates of
industrial <capital> utilization in the <developing
countries> - covers (1) capital and <production capacity>
utilization in <economic development> (2) the measures of
utilization; <survey method>s applied for <industrial
enterprise>s; <electric power> <consumption> as an
indicator (3) empirical studies which have generated
relevant data, with emphasis on work done since 1970 (4)
quality of data surveyed; causes of capital idleness and
their implications for policy; suggestions for future
<research>. <Recommendations>, <statistics>. Additional
references: <econometrics>, <financing>.
ENGL
29.10

13575 1983
UNIDO
CONSULTATION ON THE FERTILIZER INDUSTRY, 4TH, NEW DELHI, 1984
REPORT. 4TH CONSULTATION ON THE FERTILIZER INDUSTRY.
- RAPPORT. 4EME CONSULTATION SUR L'INDUSTRIE DES ENGRAIS.
- INFORME. 4A CONSULTA SOBRE LA INDUSTRIA DE LOS
FERTILIZANTES.
Vienna, 1984. 52 p.
UNIDO-ID/314
UNIDO-ID/WG.406/12
<UNIDO pub>. <Report> of a <meeting> on the <fertilizer
industry> - covers (1) background and organization (2)
<global level> situation and prospects of the industry (3)
issues relating to: <contract>s for <factory
establishment>; <TCDC>; <capital costs>; mini-plants;
<pesticides> production; <choice of technology>;
<innovation>s; <pollution control> (4) summary of
discussions. <Recommendations>, <list of participants>,
<list of documents>.
ENGL FREN SPAN ARAB
35.40

13576

1984

Sarma, Ramesh

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
WELDING PROCESSES AND APPLICATIONS. FUTURE TRENDS (SOLID
PHASE WELDING PROCESSES).

Vienna, 1984. 18 p. tables, diagrams, illus.

UNIDO-ID/WG.420/10

<UNIDO pub> on solid phase <welding> processes and
applications (based on experience in <India>) - covers (1)
advantages of <innovation>s in this area, with special
reference to friction welding, explosive welding,
ultrasonic welding, etc. (2) specific cases of appropriate
applications. <Diagram>s, illustrations. Additional
references: <valves>, <boilers>, low-<alloys> <steel>,
<carbon>, <power consumption>.

ENGL

36.30

13577

1984

Bhatia, J.R.

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
QUALITY ASSURANCE OF FABRICATED COMPONENTS.

Vienna, 1984. 13 p. tables.

UNIDO-ID/WG.420/11

<UNIDO pub> on <quality control> of fabricated <welding>
<components> (based on experience in <India>) - covers (1)
different non-destructive <testing> (NDT) methods; their
selection (2) <radio>graphy (3) ultrasonic examinations:
properties, advantages, applications and limitations (4)
visual inspection; magnetic particle tests; penetrant
methods; acoustic emission (5) typical defects found in
various types of welds (6) evaluation, <grading> and
removal of defects (7) need for <training> and
qualification of personnel.

ENGL

36.3`

13578

1983

UNIDO

HIGH-LEVEL EXPERT GROUP MEETINGS PREPARATORY TO THE FOURTH GENERAL CONFERENCE OF UNIDO. ACCELERATED DEVELOPMENT OF HUMAN RESOURCES FOR INDUSTRIAL DEVELOPMENT, YAOUNDE, CAMERCON, 1983

REPORT. (MEETING ON ACCELERATED DEVELOPMENT OF HUMAN RESOURCES FOR INDUSTRIAL DEVELOPMENT).

- RAPPORT. (REUNION SUR MISE EN VALEUR ACCELEREE DES RESSOURCES HUMAINES NECESSAIRES AU DEVELOPPEMENT INDUSTRIEL).

- INFORME. (REUNION SOBRE DESARROLLO ACELERADO DE RECURSOS HUMANOS PARA EL DESARROLLO INDUSTRIAL).

Vienna, 1983. 47 p.

UNIDO-ID/WG.394/8

<UNIDO pub>. <Report> of a <meeting> on increased development of <human resources> for <industrial development> - covers (1) general considerations relating to <manpower> <training> and utilization; problems (2) <national level> actions in areas of <development policy>, <programme formulation>, <institutional framework>, <financing> (3) international level actions: inter-government <cooperation> regarding <training centres>, <training programmes>; <industrial enterprise> level co-operation; <contract>ual aspects (4) the <role of UNIDO>, ILO, UNESCO, etc. <Recommendations>, <agenda>, <list of participants>, <list of documents>. Additional references: <skills>, <knowhow>, <regional cooperation>, <educational policy>, <technology transfer>.

ENGL FREN SPAN RUSS

12.40

13579

1983

Messian, Yves

UNIDO

(R) RAPPORT GLOBAL DE MISSION EN HAUTE-VOLTA, NIGER, BENIN,
TOGO, COTE D'IVOIRE ET MAURITANIE (12 NOVEMBRE - 10
DECEMBRE 1983).

RP/INT/83/011

Vienna, 1984. 1 vol. (various pagings).

::::

<UNIDO pub>. <Mission report> on the <industrial
administration> and promotion of <factory establishment>
in six countries of <West Africa> - covers (1) the
<institutional framework> of the <industrial sector> in
<Niger>, <Upper Volta>, <Benin>, <Togo> and <Mauritania>,
with attention to <infrastructure>, <investment
promotion>, <preinvestment study>s, <project evaluation>,
<project selection> and <project implementation>.
<Recommendations>. Additional references: <small scale
industry>, <feasibility study>s. <Restricted>.

FREN

14.70

13580

1984

Joshi, N.D.

UNIDO

(R) ASSISTANCE TO THE DEVELOPMENT BANK OF ZAMBIA. TERMINAL
REPORT.

DP/ZAM/80/007

DP/ZAM/82/012

Vienna, 1984. 51 p. tables.

UNIDO-DP/ID/SER.B/441

<UNIDO pub>. <Final report> on assistance to the
<development bank> of <Zambia> - covers (1) project
background; <institutional framework> (2) the <role of
UNIDO> and of <UNDP>; work plans (3) <credit> and other
facilities to <small scale industry>s (4) <methodology>
for project preparation; ascertaining project viability;
assistance to local <entrepreneur>s; mobilization of
<foreign exchange> resources (5) project implementation
counterpart <training>. Project findings and
<reccommendations>, <project document>s. <Restricted>.

ENGL

29.30

13581

1984

Paun, Emil

UNIDO

(R) TANZANIA. ASSISTANCE FOR THE PRODUCTION OF PLANT-DERIVED
PHARMACEUTICALS. TERMINAL REPORT.

DP/URT/81/026

Vienna, 1984. 37 p. tables.

UNIDO-DP/ID/SER.B/443

<UNIDO pub>. <Final report> on assistance to
<pharmaceutical industry> based on <medicinal plants> in
<Tanzania> - covers (1) project background; topography of
Tanzania (2) <natural resources>: spontaneous and
cultivated flora; <training> of local personnel (3)
project findings and <recommendations>. Appends lists of
various plant species grown or recommended for
cultivation. <Bibliography>, list of field <equipment>.
Additional reference: <essential oils>. <Restricted>.

ENGL

31.10

13582

1984

UNIDO

ICME BUSINESS CONSULTANTS, ZUERICH

(R) SIERRA LEONE. FEASIBILITY STUDY FOR THE MODERNIZATION,
EXPANSION AND DIVERSIFICATION OF THE NATIONAL WORKSHOP.

US/GLO/81/120

Vienna, 1984. 1 vol. (various pagings). tables, diagrams.

::::

<UNIDO pub>. <Final report> on the feasibility of
modernizing a <metalworking industry> in <Sierra Leone> -
covers (1) project concept and background (2) <market
information>; <choice of product>s; <raw material>s and
inputs (3) project <engineering> (4) company and <factory
organization>; <site assessment>; <staff>ing, <labour
costs> (5) <financial aspects>, <economic aspects> (6)
<casting> technology and procedures in new <foundry> (7)
<machinery>, <tools>, <welding>, <forging>. <Statistics>,
<diagram>s, <factory layout>. Additional references:
<workshop>, <modernization>, <diversification>, <product
development>, <costs>. <Restricted>.

ENGL

37.10

13583

1984

UNIDO

NON-GOVERNMENTAL ORGANIZATIONS FORUM ON THE FOURTH GENERAL
CONFERENCE OF UNIDO, VIENNA, 1984

FINAL REPORT. NON-GOVERNMENTAL ORGANIZATIONS FORUM ON THE
FOURTH GENERAL CONFERENCE OF UNIDO.

- RAPPORT FINAL. FORUM DES ORGANISATIONS NON GOUVERNEMENTALES
SUR LA QUATRIEME CONFERENCE GENERALE DE L'ONUDI.

Vienna, 1984. 22 p.

UNIDO-UNIDO/PC.98

<UNIDO pub>. <Report> of a <meeting> on <nongovernmental
organizations> regarding the <role of UNIDO> in
<industrial development> - covers (1) the Fourth General
Conference of UNIDO (2) some critical areas of industrial
development, 1985 to 2000: <structural change>s and
national <industrialization policy>; strengthening
scientific and <technology> capacities in DCs;
<financing>; <energy> and <industrialization>; accelerated
development of <human resources> (3) the industrial
development decade for <Africa> (4) the NGOs and the 4th
UNIDO conference. <Agenda>, <list of participants>, <list
of documents>.

ENGL FREN

14.60

13594

1980

UNIDO

UNIDO FOR INDUSTRIALIZATION: TRAINING.

Vienna, 1980. 8 p. illus.

::::

<UNIDO pub> on the <role of UNIDO> in industrial
<training> assistance for <developing countries> - covers
(1) need for training and <management development> (2)
individual <fellowships> for <training abroad>; group
training abroad; training at home; how to apply for
<training programmes>. Illustrations.

ENGL

12.40

13585 1980
UNIDO
UNIDO FOR INDUSTRIALIZATION: FUELS, FERTILIZERS FROM
RENEWABLE RESOURCES.
Vienna, 1980. 8 p. illus.

::::
<UNIDO pub> on the <role of UNIDO> in promotion of <fuel>s
and organic <fertilizer> from <biomass> and other
renewable resources - covers (1) the crisis of resources;
relevant UNIDO <technical assistance> (2) <composting>,
<biogas> technology, the <fermentation> <alcohol>
programme. Illustrations.

ENGL
35.50

13586 1984
Suresh, S.
UNIDO
INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY
IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984
PRODUCTIVITY AND QUALITY THROUGH MECHANIZATION AND USE OF
HIGH PRODUCTIVE PROCESSES AND TECHNIQUES IN WELDING.
Vienna, 1984. 25 p. tables, diagrams, illus.
UNIDO-ID/WG.420/9

<UNIDO pub> on benefits of <mechanization> in <welding> -
covers (1) welding <productivity> and <quality standards>;
activities associated with a welding operation (2) phases
of <mechanization> (3) <case study>s illustrating merits
of mechanization in <gas>, plasma and CO2 welding
processes (4) use of <advanced technology> and <knowhow>
(5) infrastructure required for mechanization. Tables,
illustrations.

ENGL
36.30

13587

1984

UNIDO

CARIBBEAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN
THE INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS,
GEORGETOWN, GUYANA, 1984

ECONOMIC CO-OPERATION AMONG DEVELOPING COUNTRIES.
Vienna, 1984. 8 p.

UNIDO-ID/WG.423/2

<UNIDO pub> on <ECDC> and <TCDC> - covers (1) the <role of
UNIDO> in promotion of such <cooperation> among
<developing countries> (2) principal spheres of co-
operation: <industrial policy>, <financing>, <choice of
technology>, <industrial institutions>, physical
<infrastructure>, etc. (3) orientation of
<industrialization policy> required for successful co-
operation; contents of relevant UNIDO programmes.

ENGL

15.20

13588

1984

UNIDO

IDB, 18TH SESSION, VIENNA, 1984

UNIDO ACTIVITIES IN 1983 DESIGNED TO SECURE GREATER
INVOLVEMENT OF WOMEN IN INDUSTRIAL DEVELOPMENT.

- ACTIVITIES MENEES PAR L'ONUDI EN 1983 POUR MIEUX FAIRE
PARTICIPER LES FEMMES A L'INDUSTRIALISATION.
- ACTIVIDADES DE LA ONUDI EN 1983 DESTINADAS A LOGRAR UNA
MAYOR PARTICIPACION DE LA MUJER EN EL DESARROLLO INDUSTRIAL.

Vienna, 1984. 6 p.

UNIDO-ID/B/312

<UNIDO pub> on the <role of UNIDO> in promoting the
integration of <women> in <industrial development> - (1)
describes activities such as <technical assistance>
projects, <training programmes>, relevant <project
design>, etc. (2) preparation for a world <meeting> to
review achievements of the <UN> decade for women (3)
problems in <recruitment> and <employment> of female
<expert>s in the field; employment of female <staff> in
the <UNIDO> secretariat. Additional references: <social
aspects>, <industrial sector>, <UNIDO IDB>.

ENGL FREN SPAN RUSS CHIN

23.30

13589

1984

UNIDO

IDB, 18TH SESSION, VIENNA, 1984

INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA. THIRD PROGRESS REPORT.

- DECENNIE DU DEVELOPPEMENT INDUSTRIEL DE L'AFRIQUE. TROISIEME RAPPORT INTERIMAIRE.
- DECENIO DEL DESARROLLO INDUSTRIAL PARA AFRICA. TERCER INFORME.

Vienna, 1984. 20 p.

UNIDO-ID/B/313

<UNIDO pub> on the programme for the <industrial development> Decade for <Africa> - (1) describes relevant <cooperation> between the <ECA>, the <OAU> and <UNIDO> (2) summarizes the activities of the three secretariats, with reference to: <industrial programming>, <natural resources>, <energy>, <institutional framework>, <training>, <industrial planning>, <financing>, pre-<investment> activities, intra-African <trade> and <regional cooperation> (<ECDC>), <industrial study>s and <research>, <technical assistance>, etc. (3) action required of the <UNIDO IDB>.

ENGL FREN SPAN RUSS CHIN ARAB

14.60

13590

1984

UNIDO

IDB, 18TH SESSION, VIENNA, 1984

STUDIES AND RESEARCH UNDERTAKEN BY UNIDO ON INDUSTRIAL REDEPLOYMENT AND RESTRUCTURING.

- ETUDES ET RECHERCHES DE L'ONUDI SUR LA RESTRUCTURATION ET LE REDEPLOIEMENT DES INDUSTRIES.
- ESTUDIOS E INVESTIGACIONES DE LA ONUDI SOBRE REDESPLIEGUE Y REESTRUCTURACION INDUSTRIALES.

Vienna, 1984. 14 p.

UNIDO-ID/B/316

<UNIDO pub> on the <role of UNIDO> in activities related to <industrial redeployment> and <structural change>s - covers (1) redeployment prospects as viewed by companies based in <developed countries> with <market economy>s (2) redeployment and restructuring prospects in developed centrally <planned economy> countries (3) redeployment and restructuring prospects in <developing countries> (4) conclusions; action required of the <UNIDO IDB>.

Additional references: <OECD>, <EEC>, <CMEA>.

ENGL FREN SPAN RUSS CHIN ARAB

14.60

13591

1984

UNIDO

IDB, 18TH SESSION, VIENNA, 1984

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

- MISE AU POINT ET TRANSFERT DES TECHNIQUES, Y COMPRIS LA
QUESTION DE LA BANQUE D'INFORMATIONS INDUSTRIELLES ET
TECHNOLOGIQUES.
- DESARROLLO Y TRANSFERENCIA DE TECNOLOGIA, COMPENDIDO EL
BANCO DE INFORMACION INDUSTRIAL Y TECNOLOGICA.

Vienna, 1984. 8 p.

UNIDO-ID/B/318

<UNIDO pub> on activities and <role of UNIDO> in 1983
regarding development and transfer of <technology> -
covers (1) the impact of <advanced technology> (2) actions
at the <national level> in <developing countries> (3)
technology adaptation and development (4) the role of
information in <choice of technology>, <technology
transfer>, <technology policy> and <planning> (5) action
required of the <UNIDO IDB>. Additional references:
<innovation>, <industrial information>.

ENGL FREN SPAN RUSS CHIN ARAB

24.30

13592

1984

UNIDO

IDB, 18TH SESSION, VIENNA, 1984

UNITED NATIONS INDUSTRIAL DEVELOPMENT FUND: PROGRAMME FOR
1985 AND PLAN FOR 1985-1986.

- FONDS DES NATIONS UNIES POUR LE DEVELOPPEMENT INDUSTRIEL:
PROGRAMME POUR 1985 ET PLAN POUR 1985-1986.
- FONDO DE LAS NACIONES UNIDAS PARA EL DESARROLLO INDUSTRIAL:
PROGRAMA PARA 1985 Y PLAN PARA 1985-1986.

Vienna, 1984. 62 p. tables, graphs, diagrams.

UNIDO-ID/B/325

<UNIDO pub> concerning the <UNIDF> (reference: industrial
<financing>) - covers (1) the programme for 1985 and the
plan for 1985 and 1986: past and present resources;
estimated resources for 1985 and 1986; priorities;
implementation (2) pledges to UNIDF, 1978-1983; new
<industrial project>s approved for UNIDF financing in
1983; projects approved under special purpose
contributions to UNIDF (3) action required of the <UNIDO
IDB>. <Statistics>.

ENGL FREN SPAN RUSS CHIN ARAB

29.10

13593

1984

UNIDO

CARIBBEAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN
THE INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS,
GEORGETOWN, GUYANA, 1984

INDUSTRIAL PRE-INVESTMENT STUDIES.

Vienna, 1984. 23 p. tables.

UNIDO-ID/WG.423/3

<UNIDO pub> on industrial <preinvestment study>s - covers
(1) <definition> of preinvestment projects; the <role of
UNIDO> in this area (2) categories: opportunity studies;
pre-feasibility studies; <feasibility study>; support
(functional) studies (3) the UNIDO <handbook> for the
preparation of feasibility studies (4) programmes of
<technical assistance> (5) UNIDO <computer programmes> (
<models>) for feasibility analysis and reporting (COMFAR).
Tables. Additional references: <industrial project>s,
<decision making>.

ENGL

14.50

13594

1983

UNIDO

SHERRITT GORDON MINES, CANADA

(R) INDIA. AMJHORE PYRITE PROJECT. PROCESS DEVELOPMENT AND
ENGINEERING STUDIES. PHASE I.

DP/IND/81/018

Vienna, 1983. 1 vol. (various pagings), tables, graphs,
diagrams.

::::

<UNIDO pub>. <Final report> on potential <sulphur>
recovery from pyrite deposits at Amjhore, <India>
(reference: <ore processing>) - (1) describes the results
of the <laboratory> <testing> and preliminary process
engineering studies on the recovery of sulphur, using
pressure oxidation, from artificial pyrrhotite matte
produced through a conventional pyrometallurgical
<smelting> process (2) covers <production capacity>,
estimated <capital costs>. <Flow chart>s, process
<statistics>. Additional references: <chemical analysis>,
<autoclave>. <Restricted>.

ENGL

36.30

13595

1984

UNIDO

LA COOPERATION INDUSTRIELLE AU NIVEAU DES ENTREPRISES.

- INDUSTRIAL COLLABORATION AT ENTERPRISE LEVEL.

Vienna, 1984. 28 p.

UNIDO-UNIDO/PC.101

<UNIDO pub> on <cooperation> at the <industrial enterprise> level - covers (1) the characteristics of industrial collaboration (2) the modalities: traditional and "new" forms (3) factors in the development of industrial collaboration; the viewpoint of enterprises in <developed countries> and in <developing countries> (4) evolution and future prospects: limitations, complexity, risk; possibilities for <innovation>; intergovernmental coordination; the establishment of framework <contract>s. <Bibliography>.

FREN ENGL

15.20

13596

1984

Karnik, D.R.

UNIDO

INTERREGIONAL WORKSHOP ON THE PROMOTION OF WELDING TECHNOLOGY

IN DEVELOPING COUNTRIES, TIRUCHIRAPALLI, INDIA, 1984

INSTITUTE - INDUSTRY INTERACTION: A COLLABORATIVE EFFORT IN PROBLEM SOLVING.

Vienna, 1984. 31 p.

UNIDO-ID/WG.420/12

<UNIDO pub> on <cooperation> between <research centre>s and <industrial enterprise>s, based on experience of a <welding> institute (WRI) in <India> - covers (1) promotion of <research and development> required for <industrialization> (2) activities of the WRI: <industrial extension> and <information service> to <metalworking industry>; relevant <consulting> in <factory>s; <commercialization> of R&D efforts; project consultancy. Attaches <project document>s in the field of welding.

ENGL

36.30

13597

1984

Hogg, Martin V.

UNIDO

AFRICAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN THE INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS, HARARE, ZIMBABWE, 1984

BASIC ISSUES - WOMEN'S INTEGRATION IN INDUSTRIAL PLANNING AND DEVELOPMENT.

Vienna, 1984. 5 p.

UNIDO-ID/WG.422/4

<UNIDO pub> on the integration of <women> in the process of <industrial planning> and development - covers (1) <social aspects> of <economic development>; problems of women's situation; causes and effects; links between inequality and under-development; required <social change>s (2) the present domestic role of women in <rural area>s and <urban area>s of various categories of <developing countries>; constraints on opportunities, <education> and <employment> (3) goals in the fields of <training> and employment at different levels (4) the potential role of development agencies in promoting progress.

ENGL

23.30

13598

1984

UNIDO

AFRICAN REGIONAL WORKSHOP ON THE INTEGRATION OF WOMEN IN THE INDUSTRIAL PLANNING AND DEVELOPMENT PROCESS, HARARE, ZIMBABWE, 1984

ECONOMIC CO-OPERATION AMONG DEVELOPING COUNTRIES.

Vienna, 1984. 8 p.

UNIDO-ID/WG.422/5

<UNIDO pub> on the <role of UNIDO> in promoting <ECDC> and <TCDC> - covers (1) significance of such forms of <cooperation> for <developing countries> (2) principal spheres; relevant <industrialization policy>s; <economic implications> (3) orientation required for effective TCDC on bilateral, regional and interregional levels; specific objectives (4) the UNIDO programme for TCDC.

ENGL

15.20

13599

1984

Marsie-Hazen, Judith

Moser, Caroline O.N.

UNIDO

A SURVEY OF EMPIRICAL STUDIES IN INDUSTRIAL AND
MANUFACTURING ACTIVITIES IN THE INFORMAL SECTOR IN THE
DEVELOPING COUNTRIES.

Vienna, 1984. 269 p. tables.

UNIDO-UNIDO/IS.470

<UNIDO pub>. <Survey> of studies of industrial and
<manufacturing> activities in the <informal sector> of 16
<developing countries> - covers (1) the informal sector
concept, <definition>s, its historical origins, its
utility and limitations as a descriptive category and its
popularization as a policy solution (2) empirical <case
study>s on the sectoral composition of the informal
sector, identified in terms of <employment> or output,
focusing at the country and city level (3) the variety of
quantitative and qualitative information available on
branch-specific industrial and manufacturing activities in
the sector (4) comparative evaluation and analysis of the
data. <Statistics>. Additional reference: <industrial
policy>.

ENGL

21.40

13600

1984

UNIDO

REUNION DE SOLIDARITE DES MINISTRES DE L'INDUSTRIE EN VUE DE
COOPERER AU DEVELOPPEMENT INDUSTRIEL DE LA REPUBLIQUE
RWANDAISE, KIGALI, 1984

RWANDA. VOLUME 1: PROPOSITION DE PROJETS. VOLUME 2: DOCUMENT
D'INFORMATION SUR LE RWANDA.

- RWANDA. VOLUME 1: PROJECT PROPOSALS. VOLUME 2: INFORMATION
DOCUMENT ON RWANDA.

Vienna, 1984. 2 vol. 68 p. map.

UNIDO-UNIDO/PC.96

UNIDO-UNIDO/PC.96/Add.1

<UNIDO pub> containing proposals for <industrial project>s
in <Rwanda> within the context of <TCDC> - covers (1)
projects in the fields of <protein rich food>s, <dairy
products>, <brewery>, <hides and skins>, <tobacco>,
<bamboo> <fibreboard>, <sisal> <bags and sacks>, <textile
industry>, <ramie> <spinning>, <silk>, <bananas> fibres;
<pharmaceuticals>, <chemicals>, <pesticides> and
<insecticides>, <urea>, <paper>, cement bags,
<composting>, <industrial estate>s, <shipbuilding>,
electric pylons, <insulation> <tiles> (2) <economic
development>; outlook for <industrial development>:
<industrial policy>, <investment promotion>.

FREN ENGL CHIN

14.80

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