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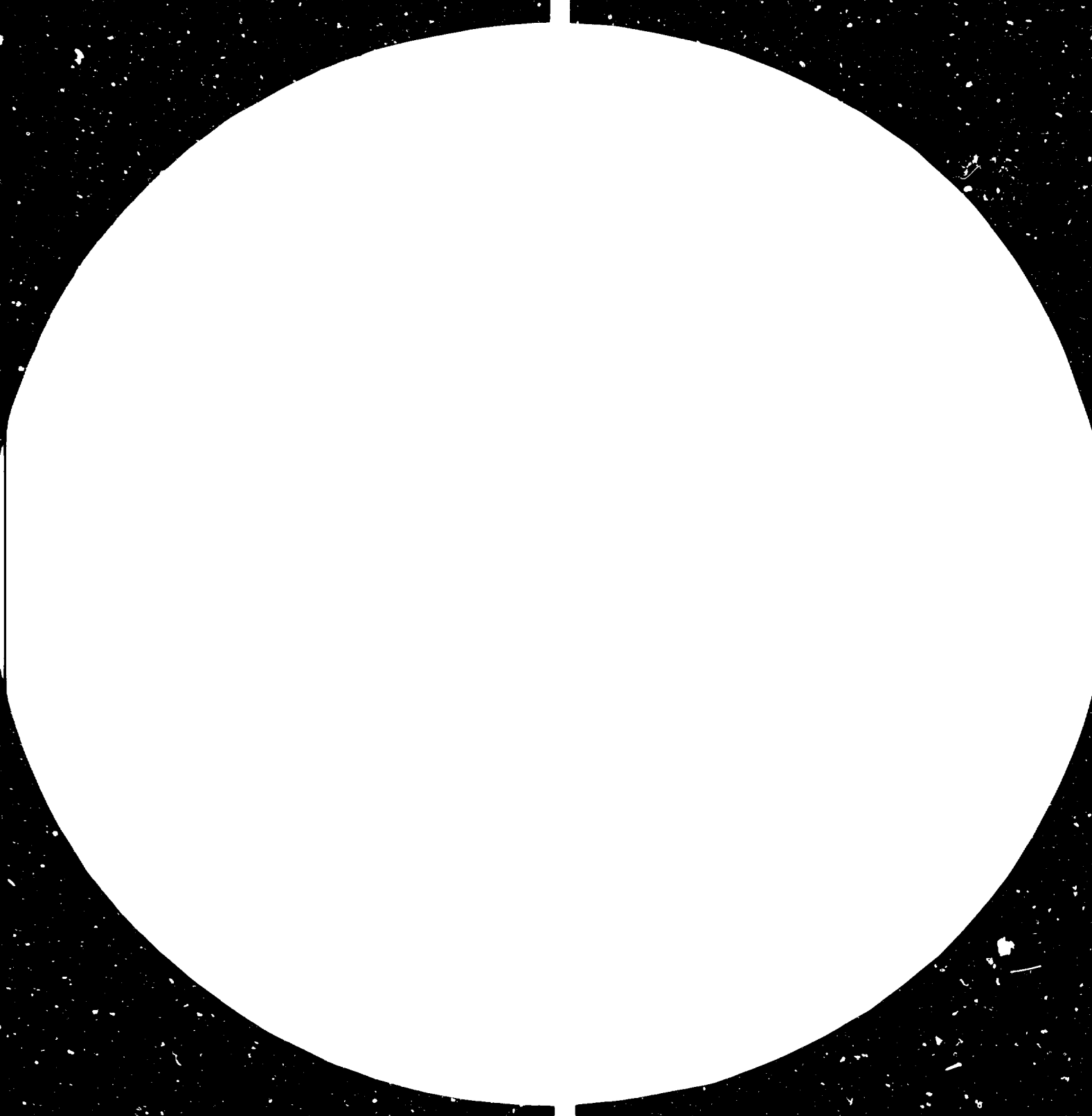
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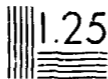
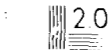
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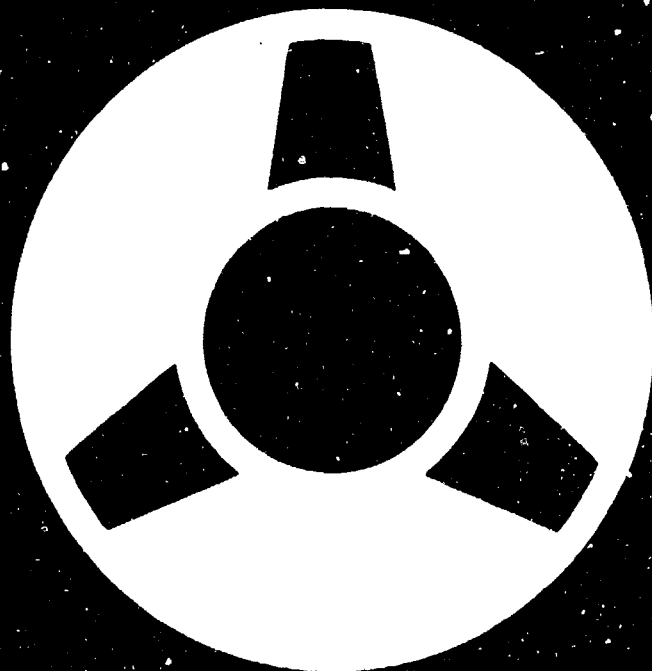


INDUSTRIAL DEVELOPMENT ABSTRACTS

UNIDO Industrial Information System (INDIS)

10901-11200

12588



UNITED NATIONS

**INDUSTRIAL
DEVELOPMENT
ABSTRACTS**

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
Vienna

INDUSTRIAL DEVELOPMENT ABSTRACTS

10901-11200

UNIDO Industrial Information System (INDIS)



UNITED NATIONS
New York, 1982

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INDUSTRIAL DEVELOPMENT ABSTRACTS

Introduction

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provides a specialized guide to UNIDO documentation on industrialization in developing countries, much of which is unpublished.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

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

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

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

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RESUMES D'ETUDES SUR LE DEVELOPPEMENT INDUSTRIEL

Introduction

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

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

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

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

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

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Введение

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

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

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

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

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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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11025

INDUSTRIAL DEVELOPMENT ABSTRACTS

DOCUMENTS 10901-11200

10901 1981
FRANCIS CR
UNIDO
(R) KENYA. TECHNICAL REPORT: CONSTRUCTION OF TIMBER JETTIES
FOR SMALL ECATS.
DP/KEN/77/007
Vienna, 1981. 36 p. diagrams.
UNIDO-DP/ID/SER.A/317
<UNIDO pub>. <Expert report> on assistance to <Kenya> in
development of <timber> jetties for small boats
(reference: <construction industry>) - (1) describes (a)
simple jetty construction in sheltered waters using
treated timbers (b) construction of floating pontoon
landing stages (2) covers siting and design; foundations;
construction process; <maintenance and repair> of jetty,
pontoon and link spans. <Glossary>, <diagram>s. Additional
references: <wood technology>, <inland water transport>.
<Restricted>.
ENGL
32.10

10902 1980
FELLEGI J
RAO ARK
UNIDO
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
RESEARCH IN PULP AND PAPERMAKING FROM INDIAN HARDWOODS.
Vienna, 1981. 10 p. tables.
UNIDO-ID/WG.302/19
<UNIDO pub> on the use of <tropical timber> for the <pulp
and paper industry> in <India> - covers (1) <research> in
utilization of Bastar region hardwoods; <tree species> (2)
pulping of mixed hardwoods (3) <bleaching> and properties
of bleached <pulp>s (4) <blending> of hard<wood> and
<bamboo> pulp (5) black liquor evaporation and burning.
<Statistics>. Additional references: <pilot plant>,
<equipment>.
ENGL
32.10

10903

1980

JAKARTA DN

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

RICE STRAW PULPING AND BLEACHING IN SMALL PAPER MILLS IN
INDIA.

Vienna, 1981. 10 p. tables.

UNIDC-ID/WG.352/22

<UNIDO pub> on the use of <rice> <straw> for the <pulp and
paper industry> in <India> - covers (1) availability of
the <raw material> (2) <chemical analysis> and properties
of rice straw (3) <bleaching> of rice straw <pulp>.
<Statistics>, <bibliography>. Additional reference:
<agricultural wastes>.

ENGL

32.10

10904

1980

COLLIN G

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

A MODERN FIBRE LINE - ENERGY AND ENVIRONMENTAL ASPECTS.

Vienna, 1981. 12 p. diagrams.

UNIDC-ID/WG.352/21

<UNIDO pub> on a modern fibre line for <pulp and paper
industry>, with special reference to <energy saving> and
<pollution control> - covers (1) characteristics and
efficiency of recent technology; <innovations>,
<research>; prospects for the 1980s (2) unbleached Kraft
<pulp>; bleached Kraft pulp; displacement <bleaching>;
<oxygen> delignification of pulp. <Diagram>s. Additional
references: <equipment>, <water pollution>, <advanced
skills and technology>.

ENGL

32.10

10905 1981

PASSI-ZAMBELLI D

UNIDO

(R) GUINEE. ASSISTANCE A LA DIRECTION GENERALE DES PETITES ET MOYENNES ENTREPRISES DU MINISTERE DES PETITES ET MOYENNES ENTREPRISES ET ARTISANAT.

RP/GUI/81/001

Vienna, 1981. 1 vol. (various pagings)- tables.

::::

<UNIDO pub>. <Final report> on assistance to development of <small scale industry> in <Guinea> - covers (1) <industrial administration> of <public sector>; industrial <credit>s and <tax incentives> to <private enterprise>s and <cooperative>s; constraints (2) plans for increase in <productivity> involving <technical assistance>, <role of UNIDO>, <project selection>, <management>, <choice of technology>, feasibility studies; <industrial estate>, <financial aspects>. <Recommendations>, <job description>, tables. <Restricted>.

FREN

21.40

10906 1980

LEHTINEN A

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER TECHNOLOGY, MANILA, 1980

BAGASSE NEWSPRINT WITH VALMET SYM-CONCEPT.

Vienna, 1981. 10 p. graph, illus.

UNIDO-ID/WG.3E2/2E

<UNIDO pub> on <machinery> for production of <newsprint> from <bagasse> <pulp> in <Peru> - covers: background; <research programmes> for most suitable designs of bagasse <paper> machinery; operating data; results; <operating experience at Paramonga mill. Graph, illustrations.

ENGL

32.10

10907

1980

HACKL HJ

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

SMALL PULP AND PAPER MILLS IN DEVELOPING COUNTRIES AND THEIR
RECOVERY SYSTEM.

Vienna, 1981. 20 p. tables, diagram.

UNIDC-ID/WG.352/23

<UNIDO pub> on small <pulp and paper industry> in
<developing countries>, with special reference to the
recovery of <chemicals> - covers (1) definition of 'small'
mills; reasons for setting them up; their <development
potential>; siting, <raw material>s, <investment> <costs>
(2) main features of a small mill: <equipment>;
<production capacity>; planned simple chemical <recovery>
system (3) <economic aspects> and viability (4)
<recycling>; <waste utilization>. <Statistics>, <flow
chart>; list of <pulp> mills based on non-wood <fibre
plants>. Additional references: <water pollution>,
<bagasse>, <rice> <straw>, <agricultural wastes>.

ENGL

32.10

10908

1980

AIYCMWAN N

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

THE PULP AND PAPER SITUATION IN THAILAND.

Vienna, 1981. 5 p.

UNIDO-ID/WG.352/28

<UNIDO pub> on the <pulp and paper industry> in <Thailand>
- covers (1) status of existing <paper> industry (2) <raw
material>s for <pulp>: <rice> <straw>, Burma <grasses>,
<bagasse>, <bamboo>, <kenaf>, <rubber> <wood>; <tree
species> (3) a kenaf pulp mill project; <research>.

ENGL

32.10

10909

1980

FALMER ER

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

NATURAL AND MAN-MADE FORESTS AS A SOURCE OF PULP WOOD.

Vienna, 1981. 8 p. tables.

UNIDO-ID/WG.352/1E

<UNIDO pub> on <forestry> as a source of <pulp> <wood> -
covers (1) the heterogeneity of mixed forests (2) area of
forest required for a pulp mill; <tree species> (3)
<harvesting> and <transport> of <timber> (4) bark removal;
chipping (5) comparison of (a) wood from mixed forest and
plantations (b) pulps from mixed hardwoods and other pulp
woods (6) quality of pulp; <costs> of wood. <Statistics>.

ENGL

32.10

10910

1981

SELA R

UNIDO

(R) TOGO. PROJET D'ASSISTANCE AU CENTRE NATIONAL DE PROMOTION
DES PETITES ET MOYENNES ENTREPRISES.

DP/TOG/79/004

Vienna, 1981. 22 p. illus.

:::

<UNIDO pub>. <Final report> on assistance to an
<industrial promotion> centre for <small scale industry>
in <Togo> - covers (1) simple <product development> (
<rice> thresher, ovens, <windmills>, <agricultural
equipment>, <tools>) (2) assistance to small enterprises
and promotion of <joint ventures>; <technology transfer>
on various levels; <industrial extension>; reorganization
of central <workshop> providing <common services>;
constraints and problems. <Recommendations>,
illustrations. <Restricted>.

FREN

21.40

10911 1980
GUERRERO JT
JAVIER DE
UNIDO
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
PITCH CONTROL.

Vienna, 1981. 11 p.

UNIDO-ID/WG.352/24

<UNIDO pub> on <pulp and paper industry>, with special reference to control of pitch deposits occurring in paper <machinery> - covers (1) mechanics of pitch deposition (2) operating variables influencing deposition (3) common methods of controlling pitch: absorbent; surfactant; chelating agents; <calcium> stabilizers; dispersants; alumina polymeric retention aids (4) <pulp> and <paper> deposit analysis. Additional reference: <chemicals>.

ENGL

32.10

10912 1980
LEHTINEN A
UNIDO
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
CRITERIA FOR CHOOSING OPTIMUM PAPER MACHINE CONCEPT.

Vienna, 1981. 16 p. graphs, diagrams.

UNIDO-ID/WG.352/27

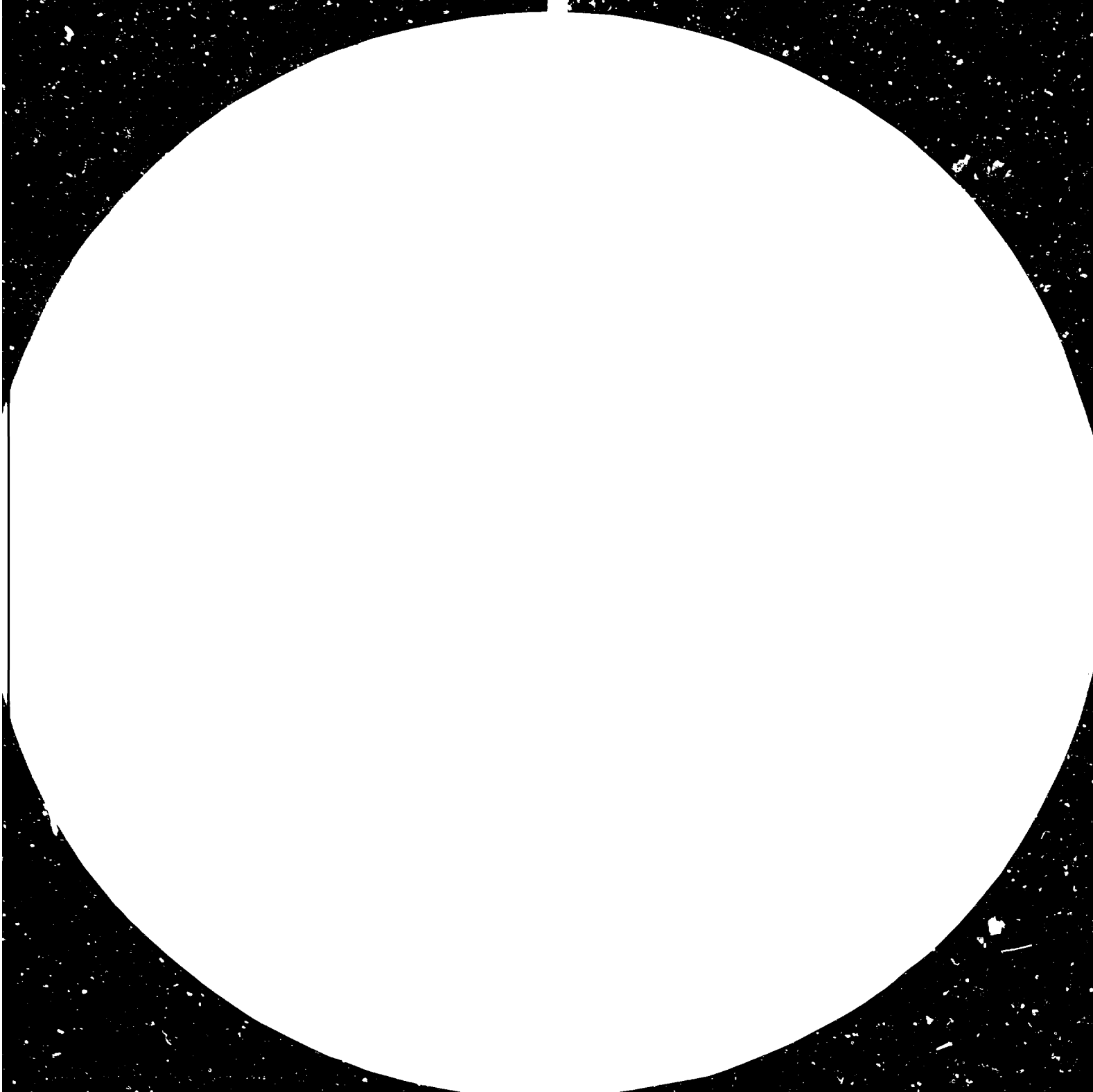
<UNIDO pub> on criteria for choosing <machinery> for the <pulp and paper industry> - covers (1) local conditions: <market>s; <raw material>s; <technology> level; <capital investment> and <financing>; utilities, <infrastructure>, <environment>al requirements, etc. (2) other design principles for choosing the concept (3) basic alternatives for <pulp> supply in <tropical> countries (4) pulping processes: <choice of technology> for a wide range of <paper> grades (5) technical and <economic aspects>. <Diagram>s, <bibliography>. Additional reference: <capital costs>.

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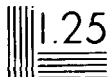
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10913

1980

LEHTINEN A

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

USE OF BAGASSE AND OTHER UNCONVENTIONAL RAW MATERIALS IN
MODERN PAPER MAKING AND EXPERIENCE OF THE NEW FORMERS FOR
ABOVE.

Vienna, 1981. 21 p. tables, graphs, illus.

UNIDO-ID/WG.352/2E

<UNIDO pub> on forming <machinery> for use with <bagasse>
and other unconventional raw materials in the <pulp and
paper industry> - covers (1) the evolution of forming
devices (2) <engineering design> for <paper> machine wet
end; Sym-nozzle headbox, Sym-former, speed-former, Sym-
presses; technological advantages; choice of process (3)
trial runs with fibres from some unconventional <fibre
plants>. Additional references: eucalyptus, <newsprint>,
<waste paper>, <innovation>.

ENGL

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10914

1980

HACKI. HJ

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

CHEMICAL RECOVERY SYSTEM FOR A 35 TPD RICE STRAW PULP MILL IN
SRI LANKA.

Vienna, 1981. 27 p. tables, diagrams.

UNIDO-ID/WG.352/3C

<UNIDO pub> on a <chemicals> recovery system (CRS) for a
<rice> <straw> <pulp> mill in <Sri Lanka> - covers (1)
general aspects; first small-scale CRS supplied to factory
at Embilipitiya (2) <engineering design> of CRS;
<prototype> installation (3) experience gained during
start-up and initial operation (4) present operating
conditions and outlook (5) suitability of the CRS for
small mills with pulp <production capacity>s of 20 to 50
tpd, with regard to <recovery> of expensive cooking
chemicals and effluent <pollution control>. <Diagrams>,
tables.

ENGL

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10915

1981

YOUNG HUN KIM

UNIDC

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 6TH,
MANILA, 1981

KOREAN EXPERIENCE ON TRANSFER OF TECHNOLOGY BY MEANS OF
TECHNICAL SERVICE.

Vienna, 1981. 37 p. tables, graphs, diagram.

UNIDC-ID/WG.355/6

<UNIDO pub> on <technology transfer> through <industrial services>, based on experience in <Korea R> - covers (1) <definition> of technical services; analysis of ROK technical service <import>s (2) problems in request for service imports and in applications of imported service (3) analysis of major clauses of technical service <contract>s (4) <legislation> for technical service promotion; approval procedures of service imports. <Statistics>, <flow chart>. Additional reference: <technical assistance>.

ENGL

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10916

1980

MUSSELMANN W

UNIDC

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

IN-LINE FRACTIONATION OF WASTE PAPER.

Vienna, 1981. 16 p. graphs.

UNIDO-ID/WG.352/25

<UNIDO pub> on <pulp and paper industry>, with special reference to in-line fractionation <machinery> for <waste paper> - covers (1) the Voith multifractor (2) variables influencing the fractionating effect (3) the strength development of the long fibre component as a function of the overflow rate (4) comparison between combined and separate refining; <energy saving> (5) properties of the long and short fibre components (6) two examples of the application of fractionation; outlook. <Flow chart>s, process <statistics>.

ENGL

32.10

10917 1980
ESCCLANO JO
UNIDO
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
PHILSA STANDARDS FOR PAPER PRODUCTS.
Vienna, 1981. 9 p.
UNIDO-ID/WG.352/33

<UNIDO pub> on <standardization> in the <Philippines> for
<paper> products - covers <standards> developed by the
PHILSA <standards institute> with reference to: their
importance; formulation; approved <specifications>;
<metrology>. <Bibliography>, <statistics>. Additional
reference: <testing>.

ENGL
32.10

10918 1980
KESWANI SL
UNIDO
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
INDIA'S EXPERIENCE IN BUILDING SMALL PAPER MILLS BASED ON
RECONDITIONED PAPER MACHINERY.
Vienna, 1981. 24 p. tables, diagram.
UNIDO-ID/WG.352/34

<UNIDO pub> on small <pulp and paper industry> in <India>,
based on <agricultural wastes> and using reconditioned
<second hand equipment> - covers (1) reasons for such a
concept (2) limitation of <timber> and <tamboo> resources;
use of <wheat> <straw>, <rice> straw <bagasse>, <waste
paper>, etc.; (3) low <capital investment> (4) short
gestation period (5) <case study>s: <production
capacity>s, <machinery>, <costs>, <profitability> (6)
problems and prospects. <Statistics>, <factory layout>.
Additional references: <storage>, <import>, <factory
establishment>, <chemicals> <recovery>, <quality
standards>.

ENGL
32.10

10919 1980
ZHONG XIANG JU
UNIDO
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
THE UTILIZATION OF BAMBOO AS A PAPERMAKING MATERIAL.
Vienna, 1981. 6 p. graphs.
UNIDO-ID/WG.352/3E
<UNIDO pub> on the use of <bamboo> as a <raw material> for
<pulp and paper industry> of <China> - covers (1)
historical note; the properties of bamboo; various species
(2) <pulp>ing and <paper>making (3) bamboo cultivation,
<crop yield>, reforestation, <trend>s. <Bibliography>.
ENGL
32.10

10920 1979
UNIDC
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
3RD, VIENNA, 1979
UNIDO TECHNICAL ASSISTANCE PROJECTS IN THE FIELD OF LEATHER
AND LEATHER PRODUCTS INDUSTRIES (AS AT NOVEMBER 1979).
Vienna, 1979. 19 p.
UNIDC-ID/WG.312/14
<UNIDO pub> on the <role of UNIDC> <technical assistance>
in the field of <leather industry> - (1) covers the
<financing> of UNIDO field activities (2) gives brief
information on (a) relevant <industrial project>s in 34
<developing countries> (b) <regional> <leather> <research
centre>s. Additional reference: <leather goods>.
ENGL
32.40

10921 1981
UNIDC
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
LIST OF FOREIGN DELEGATES AND PARTICIPANTS. (MEETING ON PULP
AND PAPER TECHNOLOGY, 1980).
Vienna, 1981. 8 p.
UNIDC-ID/WG.352/3E
<UNIDO pub>. <List of participants> and delegates at a
<meeting> on technology for the <pulp and paper industry>.
ENGL
32.10

10922 1980
SALAKARI H
UNIDO
INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980
PRESSURE GRINDING - A NEW MECHANICAL PULPING METHOD.
Vienna, 1981. 21 p. graphs, diagram, illus.
UNIDO-ID/WG.352/37

<UNIDO pub> on pressure <grinding> of <wood> (PGW) as a
new mechanical <pulp>ing method - covers (1) rationale of
PGW; <energy saving> implications (2) <machinery> for PGW;
<testing> experience of new pressure grinders; efficiency
in operation; <heat recovery> and balance (3) PGW results
for different wood species (4) <paper> machine trials;
Scandinavian <newsprint> (5) <economic aspects>. Process
<statistics>, <bibliography>, <diagram>, illustration.

ENGL
32.10

10923 1981
BELLICIN J-C
UNIDO
(R) ZAIRE. RAPPORT TECHNIQUE: POSSIBILITE D'UTILISATION DE
L'USINE LAITIERE DE LA N'SELE.
DP/ZAI/30/012
Vienna, 1981. 28 p. diagram.
UNIDO-DP/ID/SER.A/314

<UNIDO pub>. <Expert report> on assistance to <dairy
products industry> in <Zaire> - covers (1) alternative
proposals for the immediate utilization of existing
<machinery> for the processing of local <milk> into
concentrated milk and powder milk; relative advantages and
disadvantages, production schedules; pasteurization and
<sterilization> of fresh milk (2) milk from <soybeans>;
its <protein> content compared to that of animal milk;
need of <refrigeration> for <butter> production and
conservation; <hygiene>. <Recommendations>, <diagram>.
Additional reference: <water>. <Restricted>.

FREN
31.20

10924

1981

SHAFQAT ALI S

UNIDO

(R) SIERRA LEONE. TECHNICAL REPORT: INDUSTRIAL REVIEW, PART ONE. INDUSTRY, ITS CHARACTERISTICS, PROBLEMS AND PROSPECTS.

DP/SIL/78/002

Vienna, 1981. 176 p. tables.

UNIDO-DP/ID/SER.A/319

<UNIDO pub>. <Expert report> regarding the <industrial sector> of <Sierra Leone> - covers (1) <industrial information>; traditional and modern sector; ownership, structure, <investment>, <capital formation>, <import> policy, <wages>; data sample on 34 <industrial enterprises> (2) <development potential> in the sectors of <packaging>, <food>, <maintenance and repair>, <chemicals>, <building materials>, <plastics>, <rubber>, <leather>, <paper>, <wood>, <furniture>, <light industry>, <textiles> (3) <foreign investment> for <industrial development>, <public investment>. <Recommendations>, tables. <Restricted>.

ENGL

21.20

10925

1981

MONKIEWICZ J

UNIDO

REVIEW OF SYSTEMS FOR REGULATING TECHNOLOGY INFLOWS IN SELECTED DEVELOPING COUNTRIES.

Vienna, 1981. 169 p. tables, diagrams.

UNIDO-UNIDO/IS.253

UNIDO-UNIDO/IS.253/Corr.1

<UNIDO pub> reviewing systems of <regulations> pertaining to foreign <technology transfer> in <developing countries> - (1) covers recent <legislation> undertaken in selected DCs to regulate the growing technology inflow (2) describes <organizational aspects> and functions of regulating agencies (3) analyses their effectiveness. <Statistics>, <diagram>s. Additional reference: <institutional framework>.

ENGL

24.30

10926

1980

UNIDO

BUREAU AFRICAIN DE RECHERCHES APPLIQUEES

(R) ETAT ET DIAGNOSTIC DE L'INDUSTRIALISATION. MALI. RAPPORT

FINAL.

SI/MLI/78/802

Vienna, 1980. 107 p. tables.

UNIDO-DP/ID/SER.E/310

<UNIDO pub>. <Final report> on <industrial development> in
<Mali> - covers (1) assessment of <manufacturing> sector:
structure; <infrastructure>; <investment policy>,
<banking>, <financing>; constraints for <industrial
enterprise>s; proposed solutions (2) <development
potential> for industry: <mineral resources>,
<agriculture>, <fishery>, <livestock>, <energy>, <market>
(3) <industrial policy> and strategy; priorities, <project
selection> (4) <survey> results. <Recommendations>,
<statistics>. <Restricted>.

FREN

14.60

10927

1981

HEDEN CG

UNIDO

UNIDO ADVISORY EXPERT PANEL ON THE ESTABLISHMENT OF AN INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, VIENNA, AUSTRIA, 15-16 OCTOBER 1981
THE ESTABLISHMENT OF AN INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIO-TECHNOLOGY (ICGEB). (REPORT OF A GROUP OF EXPERTS).

- ETABLISSEMENT D'UN CENTRE INTERNATIONAL POUR LE GENIE GENETIQUE ET LA BIOTECHNOLOGIE (CICGGB). (RAPPORT D'UN GROUPE D'EXPERTS).
- ESTABLECIMIENTO DE UN CENTRO INTERNACIONAL DE INGENIERIA GENETICA Y BIOTECNOLOGIA (CIIGB). (INFORME DE UN GRUPO DE EXPERTOS).

Vienna, 1981. 43 p. tables, diagram.

UNIDO-UNIDO/IS.254

<UNIDO pub>. <Expert report> on proposed international <development centre> for genetic engineering and <biotechnology> (ICGEB) - covers (1) need for ICCEE; indications of countries' interests and commitment (2) scope of the centre's activities (3) functions: <research and development>, <training>; promotion of <cooperation>; <consulting>, meetings, <information service>, access to critical laboratory materials (4) work programme (5) <organizational aspects> and <staffing>; <financial aspects>, estimated <costs>; location. <recommendations>, <diagram>, <glossary>. Additional reference: <microbiology>.

ENGL FREN SPAN

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10928

1980

EASTON JC

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

CRITERIA FOR SELECTION OF SMALL OR LARGE-SCALE PULP AND PAPER
MILLS FOR THE DEVELOPING COUNTRIES, SMALL-SCALE MULTI-GRADE
PAPER MILLS AND THE USE OF SISAL FIBRES.

Vienna, 1981. 19 p. graphs, diagram.

UNIDO-ID/WG.352/31

<UNIDO pub> on selection of small or large-scale <pulp and
paper industry> for the <developing countries>, with
special reference to the use of <sisal> fibres - covers
(1) guidelines for development of mills as <small scale
industry> (2) criteria for comparison and selection:
<infrastructure>, <forestry>, <economic aspects> (3) small
scale multi-product <paper> mills (4) <pulp>ing and use of
sisal. <Statistics>, <diagram>. Additional references:
<market>, <export>, <raw material>.

ENGL

32.10

10929

1981

ZERAGOZA MIFSUD M

UNIDO

(F) ARGENTINA. DESARROLLO DE LA INFORMATICA Y LA
TELEDOCUMENTACION EN LA DIRECCION GENERAL DE ASESORAMIENTO
TECNICO. INFORME FINAL.

DP/ARG/78/004

Vienna, 1981. 1 vol. (various pagings). tables, illus.

:::

<UNIDO pub>. <Final report> regarding assistance to
development of <information services> at an industrial
<development centre> in <Argentina>, with special
reference to <electronic data processing> - covers:
<staff> <training programmes> in <informatics> and use of
<computer>; <data bank>; information services, <computer
programmes>; possible connexion to national and
international <information systems>; <costs> involved.
<Recommendations>, tables, illustrations, <bibliography>.
<Restricted>.

SPAN

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10930

1981

DORRANCE GS

UNIDO

FINANCING OF MANUFACTURING IN AFRICA. SERIES ON THE DOMESTIC
FINANCING OF MANUFACTURING ENTERPRISES IN DEVELOPING
COUNTRIES.

Vienna, 1981. 78 p. tables.

UNIDO-UNIDO/IS.256

<UNIDO pub>. <Expert report> on <financing> of
<manufacturing> in <Africa> - covers (1) the background
and basic problems (2) financial <institutional
framework>: the structure of institutions; the <banking>
system; parastatal organizations (3) <government policy>s:
general protection; <fiscal policy>; <loan>s policies (4)
international financing: Africa's <balance of payments>;
<financial aid>; private <capital>; <international
organizations>, monetary integration. <Statistics>.
Additional references: <accounting>, <capital market>,
<savings>, <credit>, <investment>.

ENGL

29.10

10931

1980

MALYANASUNDARAM S

UNIDO

INTERNATIONAL EXPERTS GROUP MEETING ON PULP AND PAPER
TECHNOLOGY, MANILA, 1980

A MOTHER PULP MILL TO STIMULATE RURAL ECONOMY.

Vienna, 1981. 3 p.

UNIDO-ID/WG.2E2/32

<UNIDO pub> on <pulp and paper industry> as a stimulant to
<rural industry> (based on experience in <India>) -
describes (1) central 'mother' <pulp> mills producing 50
tpd of pulp from available <agricultural wastes> and
providing all <infrastructure> facilities to feeder units
manufacturing <paper> (with 1 tpd <production capacity>)
in <village>s within a radius of 50 km (2) criteria for
<appropriate technology> (3) significance of such a scheme
for <rural development>. Additional reference: <effluent
treatment>.

ENGL

32.10

10932

1981

HOLMES G

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
PIPE INDUSTRY IN AUSTRALIA: VERTICALLY CAST PIPES, PIPE SIZES
AND SERVICE CONDITIONS.

Vienna, 1981. 5 p.

UNIDO-ID/WG.347/25

<UNIDO pub> on manufacture of <concrete> <pipe>s in
<Australia> - covers: historical review of use; regional
manufacture in Australia; technological flexibility; aid
to <pipeline> design; the centrifugal process of
manufacture; techniques of <steel> reinforcement; vertical
<casting> of pipe; <machinery>; pipe sizes; prestressed
concrete pressure pipe; jointing.

ENGL

33.20

10933

1981

SIMPSON B

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
PIPE MANUFACTURE, JOINTS, PRESSURE PIPES, STANDARDS, TESTING.

Vienna, 1981. 7 p.

UNIDO-ID/WG.347/26

<UNIDO pub> on <concrete> <pipe> manufacture in
<Australia> - covers (1) use of the roller suspension
method (2) type of joints to be used in a <pipeline> (<rubber>
rings) (3) Australian <standards> for concrete
pipes (4) comparison with pipes made of other materials
(5) prestressed concrete pressure pipes.

ENGL

33.20

10934

1981

BASSILI AV

UNIDO

SEMINAR ON FURNITURE AND JOINERY INDUSTRIES, LAHTI, FINLAND,
1981

REPORT ON THE SEMINAR ON FURNITURE AND JOINERY INDUSTRIES
HELD IN LAHTI, FINLAND, 3 TO 22 AUGUST 1981.

Vienna, 1981. 44 p. tables.

UNIDO-UNIDO/IC.471

<UNIDO pub>. <Report> on a <seminar> on <furniture> and
<joinery industry - covers (1) organizational aspects;
attendance; programme of the seminar; <documentation> (2)
topics for seminar assignments; press coverage (3)
evaluation of <training programmes> (4) proposal for a
seminar on production <management>. <Agenda>, <list of
participants>, <questionnaire>. Additional reference:
<wood technology>.

ENGL

32.20

10935

1981

DREVO J

ENGELTHALER ZA

UNIDO

UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, FIFTH
SIMPLE CERAMIC MANUFACTURING EQUIPMENT.

Vienna, 1981. iv, 61 p. diagrams, illus.

UNIDO-UNIDO/IC.483

<UNIDO pub> on simple <equipment> for <ceramics>
<manufacture in underdeveloped areas, on a <handicraft>
scale - (1) shows and explains simple ceramic <tools> and
<kilns>, with a view to demonstration beginnings of
manufacture (later expandable into <small scale industry>)
under initial assistance of field experts only, with low
<capital costs> (2) covers: winning and dressing of <clay>
<raw material>; preparing of ceramic body; shaping,
<drying>, <glazing>, firing, decoration. <Diagram>s,
illustrations, <bibliography>.

ENGL

33.30

10936 1981
KAMP G
UNIDO
(R) ASSISTANCE A LA TANNERIE DE SIKONTORNYA. HONGRIE. RAPPORT
DE MISSION.
TF/HUN/79/001
Vienna, 1981. 45 p. tables.
UNIDO-UNIDO/IC.477
<UNIDO pub>. <Expert report> on assistance to a <tanning>
enterprise in <Hungary> - covers (1) <factory
organization>; technological processes; <equipment>;
production schedules; commercial aspects; <management> (2)
<manufacturers association>; <cooperation>; <quality
control>; <training>, <fellowships>. <Recommendations>,
<diagram>, <job description>. Additional references:
<leather industry>, <shoes>. <Restricted>.
FREN
32.40

10937 1981
FJACA M
UNIDO
(R) DEVELOPMENT OF THE FURNITURE AND JOINERY INDUSTRIES AND
CREATION OF A CENTRE. YUGOSLAVIA. TERMINAL REPORT.
DP/YUG/73/006
Vienna, 1981. 56 p. tables.
UNIDO-DP/ID/SER.E/311
<UNIDO pub>. <Final report> on assistance to <furniture>
industry in <Yugoslavia> - covers (1) functions of a
<research centre> (IRC) for the utilization of <wood> and
<product development>; <market> and <research> (2) a
<design centre> for design improvement and <quality
control>; design of <prototype>s and of <prefabricated
building> (3) introduction of new <wood technology> and
development of <engineering> work; application of
<computer>s; <documentation>, <training>, <role of UNIDO>.
<Recommendations>, <statistics>. <Restricted>.
ENGL
32.20

10938
LAFAY G
UNIDO

1980

EXCHANGE OF VIEWS WITH EXPERTS ON THE IMPLICATIONS OF
TECHNOLOGICAL ADVANCES IN MICRO-ELECTRONICS FOR DEVELOPING
COUNTRIES, VIENNA, 1981
FROM THE SECOND TO THE THIRD INDUSTRIAL REVOLUTION.
Vienna, 1981. 36 p. tables, graphs.

::::

<UNIDO pub> on the role of <electronics> in <technological
change> affecting <industry> - covers (1) the conclusion
of the second industrial revolution, considering (a) the
structural tendencies of world <demand>; two macro-
channels (b) the rupture arising during the 1970s:
contraction of the 'agro-chemical channel'; explosion of
the 'metallic channel' (2) the priming of the third
industrial revolution: (a) electronics as a decisive
factor of transformation; consequences of <technology>
progress; restructuring of the metallic channel (b)
industrial revolution and mode of <industrial growth>; a
new approach to <long term> cycles; possibility of and
stakes in renewed growth. <Statistics>. Additional
references: <manufacturing>, <industrial policy>,
<structural change>.

ENGL
38.10

10939
UNIDO

1981

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, ETH,
MANILA, 1981
TECHNOLOGICAL INFORMATION EXCHANGE SYSTEM (TIES). SERVICE
AGREEMENT SYSTEM. STATUS REPORT.
Vienna, 1981. 14 p. tables.

UNIDO-ID/WG.355/4

<UNIDO pub> on the service <contract> <information
exchange> system of the <TIES> - (1) describes development
of the system seeking to complement TIES in the area of
service <engineering> and <management> contracts (2)
discusses the first test-runs with data supplied by TIES
participants on a trial basis (3) gives recommendations
regarding further development of <data collecting> and
improvement of data accuracy. Annexes sample coding form.
Additional reference: <technology transfer>.

ENGL
24.30

10940

1981

UNIDC

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 6TH,

MANILA, 1981

TECHNOLOGICAL INFORMATION EXCHANGE SYSTEM (TIES). PROGRESS
AND STATUS REPORT.

Vienna, 1981. 32 p.

UNIDC-ID/WG.355/5

<UNIDO pub> on progress and status of the <TIES> - (1)
analyses action taken by the <UNIDC> secretariat in the
field of <technology> <information exchange> over the past
year based on recommendations of the Buenos Aires Meeting
of Heads of <Technology Transfer> Registries (2) covers:
information exchange; special requests for detailed
information; the TIES Newsletter; <financing>;
<cooperation> with <international organizations>. Annexes
list of contracts on TIES master file as of 1 November
1981.

ENGL

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10941

1981

UNIDC

DASTUR ENGINEERING INTERNATIONAL GMBH, DUESSELDORF

(R) SUPPLEMENTARY REPORT ON SOCIAL COST-BENEFIT ANALYSIS OF
THE MASTER PLAN FOR STEEL INDUSTRY IN INDONESIA.

Vienna, 1981. 1 vol. (various pagings). tables.

:::

<UNIDC pub>. <Final report> on social <cost benefit
analysis> of <iron and steel industry> in <Indonesia> -
covers (1) the importance of <social costs> and benefit
analysis for evaluating major national <industrial
projects>; widely accepted methodologies (2) analysis of
major evaluation elements (3) review of master plan for
development of the industry (4) overall valuation for
implementation of the master plan. <Statistics>.
Additional references: <production costs>, <steel>
<demand>, <choice of technology>, <investment>, <foreign
exchange>, <labour costs>, <transport>, <cost of capital>,
<national planning>. <Restricted>.

ENGL

36.10

10942

1981

BRODERSCHN MS

UNIDO

FINANCING OF INDUSTRIAL ENTERPRISES AND FINANCIAL REPRESSION
IN LATIN AMERICA. SERIES ON THE DOMESTIC FINANCING OF
MANUFACTURING ENTERPRISES IN DEVELOPING COUNTRIES.

Vienna, 1981. 55 p. tables.

UNIDC-UNIDO/IS.252

<UNIDO pub>. <Expert report> on <financing> of <industrial
enterprise>s in <Latin America> - covers (1) <savings>,
<investment> and <economic growth>; financing sources;
<Argentina> as a <case study>; other countries (2)
financial repression and the financing of <economic
development>; the effects and intensity of financial
repression in industrial financing; experiments in
liberalizing <interest> rates in Argentina, <Chile>,
<Uruguay>; monetization of the economy and <long term>
financing; the interest rate risk and long-term <loans>;
the liquidity risk. <Bibliography>, <statistics>.

ENGL

29.10

10943

1981

ADAMS I

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
ASBESTOS CEMENT PIPE TECHNOLOGY.

Vienna, 1981. 27 p. tables, diagrams, illus.

UNIDC-ID/WG.347/29

<UNIDO pub> on <asbestos> <cement> <pipe> technology
(based on experience in <Australia>) - covers (1)
<classification> of asbestos minerals (2) <chemical
analysis> (3) pipe <standards> and size range (4)
tolerances: diameter; pipe length; wall thickness;
roundness; straightness (5) factors of safety (6)
<testing> (7) asbestos cement <pipeline> systems; typical
applications; manufacturing methods. tables,
<bibliography>, <diagram>s, illustrations.

ENGL

33.20

10944

1981

EAINBRIDGE P

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
HOLLOW SPUN REINFORCED CONCRETE POLES.

Vienna, 1981. 10 p. table.

UNIDO-ID/WG.347/32

<UNIDO pub> on manufacture of hollow spun reinforced
<concrete> poles (based on experience in <Australia>) -
covers (1) history and development (2) <engineering
design> of (a) reinforced and (b) prestressed concrete
poles (3) manufacture (4) <testing>. Table. Additional
references: <construction industry>, <component>s, <steel>
<wire>.

ENGL

33.20

10945

1981

HEDEN C-G

UNIDO

EXCHANGE OF VIEWS WITH EXPERTS ON THE IMPLICATIONS OF
TECHNOLOGICAL ADVANCES IN MICRO-ELECTRONICS FOR DEVELOPING
COUNTRIES, VIENNA, 1981

POTENTIAL APPLICATION OF COMPUTER CONFERENCING IN LESS
DEVELOPED COUNTRIES.

Vienna, 1981. 13 p.

::::

<UNIDO pub> on potential use of <computer>s for
conferencing purposes in <developing countries> - covers
(1) communication among a group of people by typing into
and reading from computer terminals connected to a host
computer mediating the communication by a link (such as
telephone system); (2) background of development;
components of system; advantages, disadvantages; suitable
applications (3) use in IDRC activities; possibility of
holding relevant workshop for DCs. Additional references:
<computer programmes>, micro-<electronics>.

ENGL

33.20

10946

1981

UNIDC

EXCHANGE OF VIEWS WITH EXPERTS ON THE IMPLICATIONS OF
TECHNOLOGICAL ADVANCES IN MICRO-ELECTRONICS FOR DEVELOPING
COUNTRIES, VIENNA, 1981

REPORT. (IMPLICATIONS OF TECHNOLOGICAL ADVANCES IN MICRO-
ELECTRONICS FOR DEVELOPING COUNTRIES).

- INFORME. (CONSECUENCIAS DE LOS ADELANTOS TECNOLÓGICOS EN
MICROELECTRÓNICA PARA LOS PAÍSES EN DESARROLLO).

- RAPPORT. (IMPLICATIONS POUR LES PAYS EN DÉVELOPPEMENT DES
PROGRES TECHNOLOGIQUES EN MATIÈRE DE MICRO-ELECTRONIQUE).

Vienna, 1981. 33 p.

UNIDO-UNIDO/IS.242/REV.1

UNIDO-UNIDO/IS.242/REV.1/CORR.1

<UNIDO pub>. <Report> of a <meeting> on the implications
of <advanced skills and technology> in micro-
<electronics> for <developing countries> - covers (1)
perspective of the problem: micro-<electronics industry>;
industrial applications; special applications for ECs;
technological capabilities, <knowhow> and <infrastructure>
(2) indicated <national level> and international action;
the <role of UNIDO>. <Recommendations>, <list of
participants>, <list of documents>. Additional references:
<assembling>, <research>, <information processing>,
<transnational corporations>, <training>, <cooperation>,
<technical assistance>, <computer>, chips, <integrated
circuits>, <computer programmes>.

ENGL SPAN ENGL

38.10

10947

1980

UNIDC

UNIDO

(R) NEPAL. STRENGTHENING THE INDUSTRIAL INFORMATION AND
DOCUMENTATION SYSTEM OF ISC. FINAL REPORT.

Vienna, 1980. 1 vol. (various pagings). tables.

:::

<UNIDO pub>. <Final report> on assistance in improving an
<information system> at an <industrial services> centre in
<Nepal> - covers: reorganization of <documentation> and
publication branch (DPB); <management> control systems and
procedures; procurement of <equipment>, supplies and
books; identification of information requirements of
industry; <information processing>, <information service>;
<staff> <training programmes>; <technical assistance>,
<role of UNIDC>. <Recommendations>, tables. Additional
references: <agriculture>, <trade>. <Restricted>.

ENGL

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10948

1981

UNIDC

COUNTRY INDUSTRIAL DEVELOPMENT BRIEF. THE REPUBLIC OF GHANA.
Vienna, 1981. 49 p. tables.

UNIDO-UNIDO/IS.255

<UNIDO pub>. <Report> on <industrial development> in
<Ghana> - covers (1) general background; <manpower>,
basic data (2) the <manufacturing> sector; structure;
manufacturing <value added>; <industrial enterprise>s and
<employment> (3) <development planning>, <industrial
policy>s, strategies and <institutional framework> (4)
some of the fields requiring <technical assistance> and
<cooperation>. <Statistics>, <bibliography>. Additional
references: <training>, <small scale industry>,
<industrial services>, <research>, <industrial study>s.

ENGL

14.60

10949

1981

BALAZS ET

UNIDO

THE ROLE AND ACTIVITIES OF UNIDO IN THE BAUXITE PROCESSING
INDUSTRY OF DEVELOPING COUNTRIES.

Vienna, 1981. 7 p.

UNIDO-UNIDO/IC.480

<UNIDO pub>. <Report> on the <role of UNIDO> in assistance
to <bauxite> processing industry of <developing countries>
- covers (1) UNIDO activities (2) <technical assistance>
provided in the field of bauxite and <alumina> industry;
examples of ongoing operational projects with reference to
(a) <Jamaica>, <China> and <India> (b) <technology
transfer>, <research centre>s and a study tour of
<laboratory>s in <Hungary> (3) UNIDC-Hungary <cooperation>.

ENGL

36.20

10950

1980

CHEN J

DU W

UNIDO

(R) CANE AND RATTAN PROCESSING. SRI LANKA. TERMINAL REPORT.
SI/SRL/78/802

Vienna, 1980. 52 p. tables, diagram, illus.

UNIDO-DP/ID/SER.B/312

<UNIDO pub>. <Final report> on cane and <rattan> processing for <furniture> manufacture in <Sri Lanka> - covers activities to assist local industry in (1) improving <productivity>, <raw material>s and <quality control> (2) introduction of appropriate techniques (3) assessment of resources and present <demand> for cane rattan products. <Recommendations>, process <flow chart>, illustrations, <specifications>. Additional references: <product development>, <equipment>, <tools>, <chemicals>, peels, <bleaching>, <grasses>. <Restricted>.

ENGL

32.20

10951

1981

HATTEN N

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
QUALITY OF CONCRETE USED IN PIPE MANUFACTURE, IMPACT OF
AGGRESSIVE AGENTS, PLASTILINE PIPES, FLOW CHARACTERISTICS,
REINFORCEMENT.

Vienna, 1981. 6 p.

UNIDO-ID/WG.347/27

<UNIDO pub> on <concrete> <pipe>s manufacture in <Australia> - covers (1) <quality standards> for the concrete (2) resistance to aggressive agents (3) flow characteristics (4) methods for design and reinforcing for external load (5) <standards> for laying pipes below ground (6) overseas experience of one Australian enterprise.

ENGL

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10952

1981

DUNCAN K

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981

ASBESTOS CEMENT PIPES - PRODUCTS AND APPLICATIONS.

Vienna, 1981. 3 p.

UNIDO-ID/WG.347/2E

<UNIDO pub> on <asbestos> <cement> <pipe>s manufactured in <Australia> - covers (1) experience in providing pipes suitable for application in <water supply> and sewerage (2) <standards> concerning i.a. pipe resistance to aggressive agents.

ENGL

33.20

10953

1981

HOSHIYAMA T

UNIDO

(R) TEXTILE DEVELOPMENT CENTRE, PHASE II. EGYPT. FINAL REPORT.

DP/EGY/77/008

Vienna, 1981. 11 p.

UNIDO-DP/ID/SER.B/314

<UNIDO pub>. <Final report> on assistance to <textile industry> (<weaving>) in <Egypt> - covers (1) assignment with a <textiles> <development centre> (TDC) in Alexandria (2) direct assistance to <factory>s through technical <consulting>; seminars, <training programmes>; <training> of TDC <engineer>s; commissioning of <machinery>. <Recommendations>, <list of documents>. Additional reference: applied <research>. <Restricted>.

ENGL

32.30

10954

1981

BURNIP MS

UNIDO

(R) TECHNICAL REPORT: KNITTING TECHNOLOGY (PART I). EGYPT.

DP/EGY/77/008

Vienna, 1981. 20 p.

UNIDO-DP/ID/SER.A/316

<UNIDO pub>. <Expert report> on assistance to <textile industry> in <Egypt>, with special reference to machine <knitting> technology - covers (1) activities at a <textiles> <development centre> in Alexandria (2) <equipment> requirements, <staff> development, <training> needs, <research and development> programme, <testing>, etc. <Recommendations>. <Restricted>.

ENGL

32.30

10955

1981

MESTHENE PA

UNIDO

(R) INDIA. DEVELOPMENT OF THE HOSIERY KNITWEAR INDUSTRY, LUDHIANA (PUNJAB).

DP/IND/73/021

Vienna, 1981. 29 p. tables.

UNIDC-UNIDO/IO.481

<UNIDO pub>. <Expert report> regarding development of knitwear <clothing> industry in <India> - covers (1) assessment of <development potential>, especially of the possibility of <export> to <markets> in <developed countries> (2) <quality standards>; knitwear <export promotion>; <product design>, styling; <pricing> (3) markets for <knitting> products in <USA>, <Germany FR>, <UK>. <Recommendations>, <lot description>, size tables for men's knitwear garments. <Restricted>.

ENGL

32.30

10956

1981

UNIDC

CSTFELD, M., ISRAEL

(R) HAITI. ENSEMBLE TEXTILE. ETUDE DE FAISABILITE.

SM/HAI/80/002

Vienna, 1981. 5 vol. (various pagings). tables, diagrams.

::::

<UNIDO pub>. <Final report> regarding the feasibility of setting up a <cotton> <textile industry> complex in <Haiti> - covers (1) the <market> for <textiles> (2) <choice of technology>; <machinery>; <product mix>; <maintenance and repair> (3) <management>, <organizational aspects>, <production control>, <infrastructure>, <packaging>, <training> (4) <location of industry>, <site assessment>, <building design>, <civil engineering> (5) <financial aspects>, <economic aspects>, <development potential>. <Statistics>, <diagrams>, <maps>, <bibliography>, <flow charts>. Additional references: <spinning>, <export>, <dyeing>, <textile finishing>, <pollution control>, <costs>. <Restricted>.

FREN

32.30

10957

1981

FERBER M

UNIDO

INFORMAL MEETING ON INDUSTRIAL FINANCING, VIENNA, 1982

POSSIBILITIES FOR EXPANDING CO-FINANCING ARRANGEMENTS FOR THIRD WORLD INDUSTRY.

Vienna, 1981. 26 p. tables.

UNIDC-ID/WG.358/2

<UNIDO pub> on co-<financing> arrangements for <industrial projects> in <developing countries> - covers (1) financing sources: historical development and prospects (2) co-financing requirements (3) existing co-financing (4) co-financing <incentives>: international <development bank>s; project sponsor; local development <banks>; <export> financing; commercial banks (5) steps required. Additional references: <investment>, <loans>, <project evaluation>.

ENGL

29.10

10958

1981

FERBER M

UNIDC

INFORMAL MEETING ON INDUSTRIAL FINANCING, VIENNA, 1982

FINANCIAL EXPERTISE REQUIRED FOR LOAN NEGOTIATION.

Vienna, 1981. 10 p.

UNIDC-ID/WG.358/3

<UNIDO pub> on industrial <financing>, with special reference to expertise required for <loan> negotiation - covers (1) scope of financial <knowhow>: <feasibility study>; <industrial project>; project structure; financing plan (2) steps required: project sponsor; local and international <development bank>; commercial <banks>; <investment> banks.

ENGL

29.10

10959

1981

STEVENS B

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981

GENERAL INTRODUCTION TO PRECAST PRODUCTS WALL CLADDING.

Vienna, 1981. 11 p. tables.

UNIDO-ID/WG.347/30

<UNIDO pub> on use of precast <concrete> for wall cladding for <housing> in <Australia> - covers (1) types of wall cladding (2) finishes: natural stone finish; off-form; applied finishes (3) <moulds> (4) concrete (5) joints and sealants (6) fixings (7) <transport> and erection (8) <costs> (9) typical construction schedule. Additional references: <prefabricated building>, <component>s, <construction industry>.

ENGL

33.20

10960

1981

EYWATER DW

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
STANDARD PRESTRESSED CONCRETE BRIDGE BEAMS - QUEENSLAND
GOVERNMENT RAILWAYS.

Vienna, 1981. 10 p. diagrams.

UNIDO-ID/WG.247/31

<UNIDO pub> on manufacture and use of prestressed
<concrete> beams for <railway> <bridges> in <Australia> -
covers: experience with erection of structures carrying
rail traffic; design loadings; codes and <standards>;
improved technology; curing of girders; general girder
design details; standard spans. <Diagram>s. Additional
references: <construction industry>, <component>s.

ENGL

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10961

1981

CAMPBELL KD

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
PRECAST PRODUCTS - CONCRETE RAILWAY AND TRAMWAY SLEEPERS,
TECHNOLOGY, MANUFACTURE AND USAGE: REVIEW OF CURRENT USAGE
IN AUSTRALIA.

Vienna, 1981. 18 p. diagrams, map.

UNIDO-ID/WG.247/32

<UNIDO pub> on manufacture and use of precast <concrete>
for <railway> and tramway sleepers in <Australia> - covers
(1) development background; design experience in <UK>;
Australian <standards> (2) advantage of concrete sleepers;
expected benefits (3) design philosophy (4) present status
of use by railways and <urban area> train lines (5)
sleeper installation and <testing>. <Diagram>s, <maps>.
Additional reference: <construction industry>.

ENGL

33.20

10962

1981

HOLMES G

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, EPISEANE, 1981
MANUFACTURE OF PRESTRESSED CONCRETE SLEEPERS.

Vienna, 1981. 4 p.

UNIDO-ID/WG.347/34

<UNIDO pub> on manufacture of prestressed <concrete>
<railway> sleepers in <Australia> - covers (1) a system
for manufacture of monoblock pretensioned sleepers using
the long line type of prestressing, simplified for
efficiency and allowing flexibility in production rates
(2) module <factory layout>; <moulds>, <machinery>;
<quality control> and testing; personnel requirements.
Additional reference: <construction industry>.

ENGL

33.20

10963

1981

DIXON RJ

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
TEN YEARS OF CONCRETE SLEEPERS ON THE AUSTRALIAN NATIONAL
RAILWAYS.

Vienna, 1981. 9 p.

UNIDC-ID/WG.347/35

<UNIDO pub> on the use of prestressed <concrete> monoblock
sleepers on <railways> in <Australia> - covers (1)
historical background (2) reasons for introduction of
concrete sleepers: labour saving; climatic, technical and
<economic aspects> (3) design <standards> and
modifications (4) installation of sleepers on tracks (5)
performance of sleepers; problem areas; benefits.
Additional reference: <construction industry>.

ENGL

33.20

10964

1981

UNIDO

EXCHANGE OF VIEWS WITH EXPERTS ON THE IMPLICATIONS OF
ADVANCES IN GENETIC ENGINEERING FOR DEVELOPING COUNTRIES,
VIENNA, 1981

REPORT. (MEETING ON IMPLICATIONS OF ADVANCES IN GENETIC
ENGINEERING FOR DEVELOPING COUNTRIES, 1981).

- RAPPORT. (REUNION SUR LES CONSEQUENCES DES PROGRES EN
APPLICATIONS GENETIQUES POUR LES PAYS EN DEVELOPPEMENT,
1981).

Vienna, 1981. 33 p.

UNIDO-UNIDO/IS.259

<UNIDO pub>. <Report> of a <meeting> on the implications
for <developing countries> of advances in genetic
engineering (reference: <biotechnology>) - covers (1)
accomplishment of the recombinant DNA technology; needs of
DCs (2) strengthening scientific and technological
capabilities: the problem; establishing core technical
groups; other measures (3) <commercialization> and
<technology transfer>; legal aspects; <patents> (4)
creation of an international <development centre> for
genetic engineering and bio-technology; <international
cooperation>. <Recommendations>, <list of participants>,
<list of documents>. Additional references: <advanced
skills and technology>, <science>, <research centre>.

ENGL FREN

35.50

10965

1981

PARLY JM

FCIX M

UNIDO

INFORMAL MEETING ON INDUSTRIAL FINANCING, VIENNA, 1982

CURRENT PROBLEMS OF FINANCING INDUSTRIAL DEVELOPMENT.

- PROBLEMES ACTUELS DU FINANCEMENT DU DEVELOPPEMENT
INDUSTRIEL.

Vienna, 1981. 29 p. tables.

UNIDO-ID/WG.358/1

<UNIDO pub> on problems of <financing> <industrial
development> in the <least developed countries> - covers
(1) characteristic situation of the international
financial system, especially since the second oil price
rise (2) increasing dependence of the financing of
industrial development on <private investment> <banking>;
the present situation; involvement of the <IMF>; the
effect of variability of <foreign exchange> and <interest>
rates (3) possible remedies. <Statistics>.

ENGL FREN

29.10

10966

1981

UNIDC

MINISTERIAL CONSULTATION ON INDUSTRIAL CO-OPERATION AMONG
ISLAMIC COUNTRIES, ISLAMABAD, PAKISTAN, 1982

CO-OPERATION AMONG ISLAMIC COUNTRIES. PART I. TECHNOLOGICAL
DEVELOPMENT AND TRANSFER OF TECHNOLOGY.

- COOPERATION ENTRE LES PAYS ISLAMICIQUES. PREMIERE PARTIE:
DEVELOPPEMENT TECHNOLOGIQUE ET TRANSFERT DE TECHNOLOGIE.

Vienna, 1981. 25 p. tables.

UNIDO-UNIDO/IS.92/REV.1

<UNIDO pub> on <cooperation> among Islamic countries in
<technology> development and <technology transfer> -
covers (1) some basic considerations regarding the
<industrial sector> and the technological base in these
countries (2) the <research and development> base (3)
perspectives and possibilities of co-operation in the
field of development and transfer of technology.

<Statistics>. Additional references: <technology policy>,
<research centres>, <TCDC>.

ENGL FREN ARAB

24.30

10967

1981

UNIDC

MINISTERIAL CONSULTATION ON INDUSTRIAL CO-OPERATION AMONG
ISLAMIC COUNTRIES, ISLAMABAD, PAKISTAN, 1982

CO-OPERATION AMONG ISLAMIC COUNTRIES. PART II. INDUSTRIAL
TRAINING.

- COOPERATION ENTRE LES PAYS ISLAMICIQUES. DEUXIEME PARTIE:
FORMATION INDUSTRIELLE.

Vienna, 1981. 29 p.

UNIDO-UNIDO/IS.92/REV.1/ADD.1

<UNIDO pub> on <cooperation> among Islamic countries in
the field of industrial <training> - covers (1) <planning>
of training for <industrial development> (2)

<recommendations> for action; potential <regional
cooperation> (3) possible future training activities (4)
suggestions for <long term> strategies. Additional
references: <education>, <management development>,
<training centres>, <financing>, <TCIC>.

ENGL FREN ARAB

12.40

10968

1981

UNIDC

CONSULTATION ON THE FOOD-PROCESSING INDUSTRY, 1ST, THE HAGUE,
1981

REPORT. (CONSULTATION ON THE FOOD INDUSTRY, 1981).

- RAPPORT. (CONSULTATION SUR L'INDUSTRIE ALIMENTAIRE, 1981).

- INFORME. (CONSULTA SOBRE LA INDUSTRIA DE ELABORACION DE
ALIMENTOS, 1981).

Vienna, 1981. 40 p.

UNIDO-ID/WG.345/E/REV.1

UNIDO-ID/278

<UNIDO pub>. <Report> of a consultation <meeting> on the
<food industry> - (1) covers organizational aspects (2)
gives report (a) of the plenary sessions (b) of working
group I on the strengthening of the industries through the
integrated development of all sectors of the <food
production>, <processing> and <marketing> chain (c) of
working group II on the expansion of technical and
economic <cooperation> for strengthening the sector in
<developing countries>, including access to <markets>.
<Recommendations>, <agenda>, <list of participants>, <list
of documents>. Additional references: <agric industry>,
<agri product processing>.

ENGL FREN RUSS SPAN

31.30

10969

1981

UNIDO

SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
5TH, VIENNA, 1981

PROVISIONAL AGENDA. (SESSION OF LEATHER AND LEATHER PRODUCTS
INDUSTRY PANEL, 1981).

Vienna, 1981. 1 p.

UNIDO-ID/WG.353/1

<UNIDO pub>. <Agenda> for a <meeting> on <leather
industry>.

ENGL

32.40

10970 1981
UNIDC
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
5TH, VIENNA, 1981
PROVISIONAL LIST OF PARTICIPANTS. (SESSION OF LEATHER AND
LEATHER PRODUCTS INDUSTRY PANEL, 1981).
Vienna, 1981. 4 p.
UNIDC-ID/WG.353/2
UNIDO-ID/WG.353/2/CGRF.1
<UNIDC pub>. <List of participants> for a <meeting> on
<leather industry>.
ENGL
32.40

10971 1981
UNIDO
GROUP MEETING ON STANDARDIZATION AND QUALITY CONTROL IN THE
INDUSTRIALIZATION PROCESS OF DEVELOPING COUNTRIES,
ARANDJELOVAC, YUGOSLAVIA, 1981
LIST OF PARTICIPANTS. (MEETING ON STANDARDIZATION AND QUALITY
CONTROL, 1981).
Vienna, 1981. 5 p.
UNIDO-ID/WG.346/13
<UNIDO pub>. <List of participants> for a <meeting> on
<standardization> and <quality control> in the
industrialization process of <developing countries>.
ENGL
25.50

10972 1981
UNIDC
SEMINAR ON WOOD BASED PANELS AND FURNITURE INDUSTRIES,
BEIJING, CHINA, 1981
LIST OF DOCUMENTS. (SEMINAR ON WOOD PANELS AND FURNITURE
INDUSTRY, 1981).
Vienna, 1981. 2 p.
UNIDC-ID/WG.335/17
<UNIDO pub>. <List of documents> for a <meeting> on <wood>
based panels and <furniture> industry.
ENGL
32.10

10973 1981
UNIDO
MEETING ON TIMBER STRESS GRADING AND STRENGTH GROUPING,
VIENNA, 1981
LIST OF PARTICIPANTS. (MEETING ON TIMBER STRESS GRADING,
1981).
Vienna, 1981. 2 p.
UNIDO-ID/WG.359/1
<UNIDO pub>. <List of participants> for a <meeting> on
<timber> stress <grading>.
ENGL
32.10

10974 1981
FORNEY A
UNIDO
(R) CONSULTANTS IN COAL GASIFICATION AND ETHANOL PRODUCTION.
MISSION TO CHILE.
SI/CHI/81/801
Vienna, 1981. 7 p.
::::
<UNIDO pub>. <Final report> regarding projects for <coal>
<gasification> in <Chile> - covers (1) high-level
technical advice to the government in relevant <planning>
(2) potential plants for production of <petrol> (a) from
<natural gas> (b) from coal (3) use of coal fields in the
Magellan area (4) a conference on <energy> (5) plans for
appropriate <research> (6) energy projects of the
University of Chile. Additional reference: <ethanol>.
<Restricted>.
ENGL
34.30

10975

1981

CONTE RR
UNIDO

PRACTICAL ENERGY CONSERVATION AND COST REDUCTION IN INDUSTRY.
THE INTEGRATED ENERGY MANAGEMENT APPROACH.

- ASPECTS PRATIQUES DE LA CONSERVATION DE L'ENERGIE ET DE LA
REDUCTION DES COUTS DE L'ENERGIE DANS L'INDUSTRIE DE LA
GESTION INTEGREE DE L'ENERGIE.

Vienna, 1981. 19 p. tables, diagrams.

UNIDO-UNIDO/IC.484

<UNIDO pub> on <energy saving> and <costs> reduction in
the <industrial sector> - covers (1) issues and concepts
involved in industrial energy <management>, its
implications at the <factory>, <industrial enterprise> and
<national level> (2) practical approaches towards
obtaining an optimum <energy> usage by industry based on
economically advantageous <energy source>s (3) assistance
in development of relevant and effective <government
policy>s. <Flow chart>s. Additional references: management
<consulting> centre, <data collecting>, monitoring.

ENGL FREN

34.10

10976

1981

FLOOD M
UNIDO

MINISTERIAL CONSULTATION ON INDUSTRIAL CO-OPERATION AMONG
ISLAMIC COUNTRIES, ISLAMABAD, PAKISTAN, 1982

FINANCIAL CO-OPERATION FOR INDUSTRIAL DEVELOPMENT IN THE
ISLAMIC COUNTRIES, WITH SPECIFIC REFERENCE TO THE CAPITAL
GOODS AND ENGINEERING SECTORS.

- COOPERATION FINANCIERE EN VUE DU DEVELOPPEMENT INDUSTRIEL
DANS LES PAYS ISLAMIQUES, EN EGARD EN PARTICULIER AU
SECTEUR DES BIENS D'EQUIPEMENT ET A CELUI DES INDUSTRIES
MECANIQUES.

Vienna, 1981. 38 p. tables.

UNIDO-UNIDO/IS.91/REV.1

<UNIDO pub> on <cooperation> among Islamic countries, with
special reference to <financing> <capital goods> and heavy
<engineering> industries - covers (1) <investment> of
wealth of Islamic <petroleum> producing countries (2)
towards an integrated Islamic <market> (3) trilateral co-
operation and financing of relevant <industrial project>s
(4) <joint venture>s in sectors concerned (5) <development
bank>s in the Islamic countries (6) policy approaches.
<Statistics>. Additional references: <investment policy>, <role of developing countries>.

ENGL FREN ARAB

29.10

10977

1981

UNIDO

WATER USE AND TREATMENT PRACTICES AND OTHER ENVIRONMENTAL
CONSIDERATIONS IN THE IRON AND STEEL INDUSTRY.

Vienna, 1981. 40 p. tables.

UNIDO-UNIDO/IS.263

<UNIDO pub>. Study of <water utilization> and general
<environment>al considerations in the <iron and steel
industry> - covers (1) <water> use practices; <pollutants>
produced; <recycling> of materials, <by product>
<recovery>; <case study>s of <water treatment> and
<pollution> <costs>; process modifications (2) the working
environment, <industrial safety> and <health> aspects;
<energy> considerations (3) environmental impact
<evaluation> of a proposed plant; <pollution control>
<regulations>. <Recommendations>, <bibliography>, <flow
chart>. Additional reference: <waste utilization>.

ENGL

36.10

10978

1981

LE MCAL Y

UNIDO

MINISTERIAL CONSULTATION ON INDUSTRIAL CO-OPERATION AMONG
ISLAMIC COUNTRIES, ISLAMABAD, PAKISTAN, 1982

CO-OPERATION AMONG ISLAMIC COUNTRIES FOR THE DEVELOPMENT OF
CAPITAL GOODS INDUSTRY.

- COOPERATION ENTRE PAYS ISLAMIQUES POUR LE DEVELOPPEMENT DE
L'INDUSTRIE DES BIENS DE CAPITAL.

Vienna, 1981. 30 p. tables.

UNIDO-UNIDO/IS.94/REV.1

<UNIDO pub> on <cooperation> among Islamic countries for
development of <capital goods> industry - (1) proposes
four steps in promotion of such co-operation during the
next two years (2) analyses and action-oriented programme,
with special attention to (a) major <industrial projects>
(b) need for exchange of <knowhow> and for <information
exchange> on the production of capital goods (c) need for
co-operation in <engineering design>, production process
and <marketing>. <Statistics>. Additional reference:
<TCDC>.

ENGL FREN ARAB

25.10

10979

1981

UNIDC

INDUSTRIALIZATION IN CHINA: AN OVERVIEW OF PAST PERFORMANCES
AND CURRENT PROSPECTS.

Vienna, 1981. 20 p. tables.

UNIDC-UNIDO/IS.258

<UNIDO pub>. Study of <industrialization> in <China> - covers (1) <macroeconomics> aspects (2) <industrial growth> since 1949 and recent performance; major problems (3) recent changes of <economic policy> and their impact on industrialization: economic reforms, readjustment plan. <Statistics>. Additional references: <national planning>, <manufacturing>, <value added>, <modernization>.

ENGL

14.60

10980

1981

MUSTACCHI C

UNIDO

(R) DEVELOPPEMENT DES SOURCES D'ENERGIE POUR LA REPUBLIQUE DU
CAMEROUN. RAPPORT D'ETUDE.

DP/CMF/80/011

Vienna, 1981. 41 p.

::::

<UNIDO pub>. <Expert report> on development of <energy source>s in <Cameroon> - covers (1) classic sources: <petroleum>, <natural gas>, <wood>, <hydroelectric power>, <electric power>, <uranium> (2) <renewable energy>s: <water>, <biogas>, <solar energy>, <wind energy>, <biomass> (3) <consumption> and resource limits; <transport>ability (4) indicated actions. <Bibliography>. <Restricted>.

FREN

34.10

10981 1981
UNIDO
CONSULTATION ON THE FOOD-PROCESSING INDUSTRY, 1ST, THE HAGUE,
1981
PROVISIONAL AGENDA. (CONSULTATION ON THE FOOD INDUSTRY, 1981).
- ORDRE DU JOUR PRELIMINAIRE. (CONSULTATION SUR L'INDUSTRIE
ALIMENTAIRE, 1981).
- PROGRAMA PRELIMINAR. (CONSULTA SOBRE LA INDUSTRIA DE
ELABORACION DE ALIMENTOS, 1981).
Vienna, 1981. 1 p.
UNIDO-ID/WG.345/4
<UNIDO pub>. <Agenda> for a <meeting> on the <food
industry>.
ENGL FREN RUSS SPAN
31.30

10982 1981
COHEN HE
UNIDC
(R) TECHNICAL REPORT: THE PRODUCTION OF KAOLIN IN SOOCHOW,
CHINA.
DP/CPR/80/010
Vienna, 1981. 21 p.
UNIDO-DF/ID/SER.A/326
<UNIDO pub>. <Expert report> on assistance in development
of kaolin <clay> deposits in <China> - covers (1)
conditions and problems of kaolin production at the
Soochow Clay Company; improving quality of products and
level of extraction (2) mineral appraisal; <cre
processing>; <factory> operation; assessment (3) proposals
for modification and <testing>. <Restricted>.
ENGL
33.30

10983 1981
PRUZZAN G
UNIDO
(R) PLASTICOS EN LA AGRICULTURA. MEXICO. INFORME FINAL.
IP/MEX/78/017
Vienna, 1981. 25 p. tables.

::::

<UNIDO pub>. <Final report> regarding development of
<plastics> utilization in <agriculture> in <Mexico> -
covers: establishment of a unit for experimental use of
plastics in agriculture with attached a meteorological
station; improvement of existing products; improvement of
<quality control>; dissemination of information on the use
of <plastic film> of <polyethylene> through seminars and
documentation. <Recommendations>. <Restricted>.

SPAN
35.70

10984 1981
MAGYAF LL
UNIDO
(R) ALGERIA. ASSISTANCE A L'USINE DE PREFABRICATION DE LA
SORECSUD A ELIDA. RAPPCFT FINAL.
DP/ALG/77/052
Vienna, 1981. 69 p. tables, diagrams, illus.

::::

<UNIDO pub>. <Final report> on assistance to <construction
industry> in <Algeria>, with special reference to
<prefabricated building> - covers: elaboration of
production methods for <housing> <prototype>s; <choice of
technology> for manufacture of <component>s; execution of
plans, assembly of components; metal <moulds>; catalogue
of components; <organizational aspects>.
<Recommendations>, tables, <diagram>s, <job description>,
illustrations. <Restricted>.

FREN
33.10

10985 1981
FRANCIS CR
UNIDO
(R) KENYA. TECHNICAL REPORT: GLULAM BRIDGES FOR DEVELOPING
COUNTRIES.
DP/KEN/77/007
Vienna, 1981. 32 p. tables, illus.
UNIDO-DP/ID/SER.A/322
<UNIDO pub>. <Expert report> on assistance to construction
of <timber> <bridges> in <Kenya> (reference: <wood
technology>) - covers: use of <wood> <preserving> methods
and glued laminated timber (glulam); <adhesives> used;
<wood processing> techniques; <equipment> needed,
<engineering design> for bridges: their erection, <capital
costs> and <costs> of materials. Tables, illustrations.
<Restricted>.
ENGL
32.10

10986 1981
EDER R
UNIDO
(R) SMALL AND MEDIUM SCALE ENTERPRISES PROMOTION AND
DEVELOPMENT IN VANUATU. FINAL REPORT.
DP/VAN/79/001
Vienna, 1981. 34 p. tables.
:::
<UNIDO pub>. <Final report> on promotion of <small scale
industry> in <Vanuatu> - covers (1) the <institutional
framework>; organizing a <development centre> (ODE) (2)
restructuring and expansion of an existing mother of pearl
<buttons> <factory>; survey of possible <industrial
projects>; identification of <industrial enterprises> and
potential <entrepreneurs> (3) existing <manufacturing>;
detailed proposals for a <cement industry>.
<Recommendations>, tables, <statistics>. Additional
references: <industrial policy>, <industrial promotion>.
<Restricted>.
ENGL
21.40

10967

1981

BELL R

UNIDC

(R) MALAYSIA AND SINGAPORE. ASSESSMENT OF THE TRAINING CAPABILITIES OF SELECTED ORGANIZATIONS. AREAS OF TECHNICAL CO-OPERATION WITH UNIDO. TERMINAL REPORT.

FP/RAS/81/001

Vienna, 1981. 190 p. tables, diagrams.

UNIDC-UNIDO/IC.486

<UNIDO pub>. <Final report> on the <institutional framework> in <Malaysia> and <Singapore> for <national level> and <regional level> in industrial <training> and <management development>, with special reference to the <role of UNIDC> in relevant technical co-operation - covers (1) activities of selected <training centre>s, <research centre>s and <technological institute>s (2) requirements for improvement of facilities to meet future needs and development programmes (3) project proposals. <Diagram>s, tables, <list of documents>. Additional references: <industry and higher education>, <training assistance>. <Restricted>.

ENGL

12.40

10988

1981

KASALICKY M

ZEMAN K

UNIDO

RESEARCH SEMINAR ON STRUCTURAL CHANGES IN INDUSTRY IN
EUROPEAN CMEA COUNTRIES, BUDAPEST, 1982
STRUCTURAL CHANGES IN THE CZECHOSLOVAKIAN INDUSTRY AND
PERSPECTIVES OF INTERNATIONAL DIVISION OF LABOUR WITH THE
DEVELOPING COUNTRIES.

Vienna, 1981. 171 p. tables.

UNIDO-ID/WG.3E7/1

<UNIDO pub> on <structural change>s in the <industrial
sector> of <Czechoslovakia> and prospects of
<international division of labour> with the <developing
countries> - covers (1) increase of <heavy industry>
sector in <planned economy> set up; structure of
<employment>, <investment>s and fixed assets; extent of
participation in international <trade>; <bilateral> and
<multilateral> <cooperation> within <CMEA> (2) <import>
and <export> capacity relating to ECs; preponderance of
<raw material> imports; agreements on economic co-
operation; <energy source>s, future <planning> of
<industrial development>. <Bibliography>, <statistics>.
Additional reference: <manufacturing>.

ENGL

21.20

10985

1981

KULCZYCKI M

UNIDO

(R) MAURITANIE. SEMINAIRE SUR L'IDENTIFICATION, LA
PREPARATION ET L'EVALUATION DES ETUDES DE FAISABILITE DES
PROJETS INDUSTRIELS.

DP/MAU/79/007

Vienna, 1981. 1 vol. (various pagings). tables.

::::

<UNIDO pub>. <Final report> regarding a <seminar> on
industrial <project selection> and <feasibility study>s in
<Mauritania> - covers (1) programme of seminar (2) <social
aspects>, commercial and <economic aspects> of <industrial
project>s; co-ordination with <national plan>; <human
resources>, <capital>, <natural resources>, <prices>;
evaluation criteria for project selection (3) practical
examples involving <financial aspects>, <capital costs>,
<equipment>, <tax>es, salaries, <amortization>, <energy>
costs. Tables, <diagram>s. Additional reference: <planned
economy>. <Restricted>.

FREN

14.80

10990

1981

BOSCH MD

UNIDO

(R) RAPPORT: SITUATION DE L'INDUSTRIE-AGRICOLE DANS LE
SECTEUR OLEAGINEUX EN REPUBLIQUE CENTRAFRICAINE.

DP/CAF/78/008

Vienna, 1981. 29 p. table.

::::

<UNIDO pub>. <Final report> regarding <vegetable oils>
industry in the <Central African Republic> - covers: <agri
product processing> from <oil plants> and <oilseeds>;
<production capacity> of existing <enterprises>; <prices>,
<import> of <palm oil> from <Zaire>. <Recommendations>,
tables, <statistics>, <job description>, <bibliography>.
Additional references: <cotton>, <groundnuts>, <sesame>.
<Restricted>.

FREN

31.70

10991

1981

IJORDJEVIC D

UNIDO

(R) REPUBLIQUE CENTRAFRICAINE. DEVELOPPEMENT DES ENTREPRISES
INDUSTRIELLES DE TRANSFORMATION DE BOIS PRIMAIRES ET
SECONDAIRES ET VALORISATION DU BOIS ET DES DECHETS. RAPPORT
FINAL.

DP/CAF/78/008

Vienna, 1981. 38 p. tables, maps.

::::

<UNIDO pub>. <Final report> on assistance to <wood
processing> in the <Central African Republic> - covers (1)
<forestry> resources, <tree species>, present
exploitation; increase use of <charcoal> and <wood
wastes> as <energy sources>; primary <forest product
processing> (2) <transport> problems: <road transport>,
<inland water transport>; <manpower>, need for <skilled
workers> and <training> facilities (3) the <market>;
<export> possibilities (<Chad>, <Sudan>, <Congo PR>,
<Cameroon>). <Recommendations>, <job description>, tables,
<bibliography>, <maps>. <Restricted>.

FREN

32.10

10992

1981

MILADINOVIC M

UNIDO

(R) MISSION IN MEXICO. EXPERT IN THERMAL TREATMENT. FINAL REPORT.

IP/MEX/77/008

Vienna, 1981. 41 p.

:::

<UNIDO pub>. <Final report> on assistance in <heat treatment> and <forging> to a <research centre> (CIATEQ) in <Mexico> - covers (1) co-operation to solve problems connected with heat treatment used in forging and for <steel> production, in <metallurgy> and the <metalworking industry> (2) <testing>; steel hardening techniques; <research> proposals. <Recommendations>, <job description>, <bibliography>. <Restricted>.

ENGL

36.30

10993

1981

BANESCU A

UNIDO

(R) PROJET DE FONDERIE A KIGALI, RWANDA, CAPACITE ANNUELLE 300 TCNNE. RAPPORT DE MISSION.

RP/RWA/80/002

Vienna, 1981. 86 p. tables, graphs, diagrams, illus.

UNIDO-UNIDO/IC.474

<UNIDO pub>. <Expert report> on assistance in setting up a small <foundry> and grey pig <iron> <casting> in <Rwanda> - covers (1) <domestic market> for casting products (2) availability of <metal scrap> <raw material> (3) <capital costs> and <production costs> (4) <production capacity>, <product mix> (5) <financial aspects>; <profitability>. <Recommendations>, <statistics>, <maps>, illustrations. Additional references: <training>, <furnace>s, <smelting>. <Restricted>.

FREN

36.30

10994

1981

UNIDO

CONFERENCE ON THE FUTURE ROLE OF NATURAL GAS IN MEETING
ENERGY NEEDS, BAHRAIN, 1981

PETROCHEMICAL AND OTHER INDUSTRIAL USES OF NATURAL GAS.

Vienna, 1981. 12 p. tables, diagram.

UNIDC-UNIDO/PC.24

<UNIDO pub>. Study of uses of <natural gas> in
<petrochemical industry> and other industries - (1)
summarizes results of an earlier study (see abstract
10527) concerning associated gas obtained in the process
of <petroleum> production (2) covers (a) components of
associated gas; <petrochemicals> from <methane>, ethane,
propane and butane (b) some other industrial uses of
natural gas: <aluminium> from <alumina>; <sponge iron> and
<steel> (c) the prospects for industries based on natural
gas. <Statistics>. Additional references: <fertilizer>,
<costs>.

ENGL

34.30

10995

1981

UNIDC

1982 GUIDE TO TRAINING OPPORTUNITIES FOR INDUSTRIAL
DEVELOPMENT.

- APERCU DES MOYENS DE FORMATION POUR LE DEVELOPPEMENT
INDUSTRIEL, 1982.

- REPERTORIO DE OPORTUNIDADES DE CAPACITACION PARA EL
DESARROLLO INDUSTRIAL, 1982.

Vienna, 1981. IV, 166 p.

UNIDO-PI/73

<UNIDC pub>. <Directory> of <training programmes> in
promotion of <industrial development> - covers (1) group
<training> programmes offered by <UNIDC> (2) branch-
oriented and function-oriented training opportunities
offered by other institutions (3) other training
opportunities and short courses. Background reference:
<training assistance>.

ENGL FREN SPAN

12.40

10996

1981

UNIDO

(R) ETHIOPIA. FINAL REPORT OF UNIP/UNIDO PROGRAMMING MISSION WITH SPECIAL REFERENCE TO THE INDUSTRIAL AND ALLIED SECTORS WITHIN THE FRAMEWORK OF THE UNDP THIRD COUNTRY PROGRAMME CYCLE 1983-1986.

Vienna, 1981. 202 p.

UNIDO-UNIDO/PC.27

<UNIDO pub>. <Final report> of an <industrial programming> mission to <Ethiopia> - covers (1) priority areas for additional <technical assistance> (2) a programme suitable for <UNDP> <financing> during the next country programme (3) other technical assistance projects suitable for funding outside the regular IPF allocation, within or outside the UN system (4) on-going <industrial projects> and 51 project proposals. <Recommendations>. Additional references: <industrial sector>, <role of UNIDO>. <Restricted>.

ENGL

14.70

10997

1981

UNIDO

ILO

UNESCO

GLOBAL PREPARATORY MEETING FOR THE 1ST CONSULTATION ON THE TRAINING OF INDUSTRIAL MANPOWER, INNSEBUK, 1982
ISSUES FOR POSSIBLE CONSIDERATION BY THE FIRST CONSULTATION ON THE TRAINING OF INDUSTRIAL MANPOWER.

- QUESTIONS QUI POURRAIENT ETRE EXAMINEES A LA PREMIERE CONSULTATION SUR LA FORMATION DE LA MAIN-D'OEUVRE INDUSTRIELLE.

- PUNTOS QUE PODRIAN CONSIDERARSE EN LA PRIMERA CONSULTA SOBRE LA CAPACITACION DE MANO DE OERA INDUSTRIAL.

Vienna, 1981. 24 p.

UNIDO-ID/WG.354/1

<UNIDO pub> on issues to be considered at a <meeting> on the <training> of industrial <manpower> - covers (1) the existing training capacity in <developed countries>, its potential use and adaptation for <developing countries> (2) potential <TCDC> in this field (3) the potential role of <international organizations> and of national institutions with international training objectives. Additional references: <cooperation>, <financing>, <role of UNIDO>.

ENGL FREN SPAN RUSS

12.40

10998 1981
AHMAD J
UNIDO
WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
CEMENT INDUSTRY IN BANGLADESH.
Vienna, 1981. 5 p. tables.
UNIDO-ID/WG.347/40
<UNIDO pub> on <cement industry> in <Bangladesh> - covers
(1) <supply> and <domestic consumption> (2) <demand>
<projection> to 1985 (3) principal <raw materials>:
<limestone>, <gypsum>, <clay> (4) analysis of <costs>
<components> (5) cement products; <asbestos> cement
products; <quality control> and <testing> of cement.
ENGL
33.20

10999 1981
BACON R
UNIDO
WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
CONCRETE MASONRY MANUFACTURE.
Vienna, 1981. 5 p.
UNIDO-ID/WG.347/36
<UNIDO pub> on <concrete> masonry manufacture (reference:
<housing>) - covers (1) <market> (2) <raw materials>:
<aggregates>, <cement>, <water> (3) <machinery>:
<materials handling> and <storage>; mixing; the block
making machine; curing; curing; <waste disposal> (4)
<manpower needs>. Based on experience in <Australia>.
ENGL
33.20

11000 1981
FUMINTS H
UNIDO
WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
PRECAST CONCRETE PRODUCTS IN PAPUA NEW GUINEA.
Vienna, 1981. 4 p.
UNIDO-ID/WG.347/39
<UNIDO pub> on precast <concrete> products in <Papua New
Guinea> - covers (1) growth of the industry in the late
1950s; <cement> stabilized <blocks>; concrete <pipe>
factory; <housing> <components>; <construction industry>
(2) availability of <sand> and <aggregates>; <imports>,
<investment>, <market> location, <quality control>.
ENGL
33.20

11001

1981

UNIDC

SOLIDARITY MEETING OF MINISTERS OF INDUSTRIES FOR CO-OPERATION IN THE INDUSTRIAL DEVELOPMENT OF LESOTHO, MASERU, LESOTHO, 1982

SOLIDARITY MEETING OF MINISTERS OF INDUSTRIES FOR CO-OPERATION IN THE INDUSTRIAL DEVELOPMENT OF LESOTHO. PROJECT PROFILES.

- REUNION DE SOLIDARITE DES MINISTRES DE L'INDUSTRIE EN VUE DE COOPERER AU DEVELOPPEMENT INDUSTRIEL DU LESOTHO. PROJETS.

- REUNION DE SOLIDARIDAD DE MINISTROS DE INDUSTRIA PARA LA COOPERACION EN EL DESARROLLO INDUSTRIAL DE LESOTHO. PROYECTOS.

Vienna, 1981. 114 p. tables, diagrams.

UNIDO-UNIDO/PC.29

<UNIDO pub> containing proposals for <industrial projects> in <Lesotho> - (1) describes the <national economy>, <development planning>, main sectoral objectives, the <industrial sector>, the economic <infrastructure> and constraints to <economic development> (2) presents twenty project proposals and profiles. <Statistics>. Additional references: <cooperation>, <ICDC>.

ENGL FREN SPAN

14.80

11002

1981

CUMMINGS PW

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
PRODUCING BLOCK WITH MINIMUM CAPITAL - A PERSONAL EXPERIENCE.

Vienna, 1981. 3 p.

UNIDC-ID/WG.347/37

<UNIDO pub> on <concrete> block production in <Australia> - (1) describes a more <labour intensive> type of manufacture (2) covers: minimum requirements; <materials handling> and <storage> of <raw materials>; curing; <production capacity>; <tools>; development of increased production.

ENGL

33.20

11003

1981

MASRURI N

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
CEMENT AND CONCRETE PRODUCTION IN INDONESIA.

Vienna, 1981. 10 p.

UNIDC-ID/WG.347/38

<UNIDO pub> on <cement> and <concrete> production in
<Indonesia> - covers (1) <quality standards> for concrete
(2) current practice in <aggregates> manufacture (3) the
<cement industry>; <portland cement>, <pozzolana>
deposits; <construction industry>. <Bibliography>.

ENGL

33.20

11004

1981

RAJHANDARI CD

UNIDC

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
COUNTRY MONOGRAPH - NEPAL. (CONCRETE PRODUCTS).

Vienna, 1981. 9 p. tables.

UNIDO-ID/WG.347/41

<UNIDO pub> on <concrete> products manufacture in <Nepal> -
covers (1) existing concrete products <factory>s (2)
<demand> for concrete products: concrete <pipe>s; <cable>
covers; electricity poles; paving slabs; concrete blocks;
precast <component>s used in structural frames; <astbestos>
<cement> products; <raw material> situation: cement,
<aggregates>, reinforcing <steel>. <Statistics>.

ENGL

33.20

11005

1981

FRADHAN PR

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
COUNTRY MONOGRAPH - NEPAL. (CEMENT AND CONCRETE PRODUCTS).

Vienna, 1981. 10 p.

UNIDO-ID/WG.347/42

<UNIDO pub> on <cement> and <concrete> products in <Nepal>
- covers: Himal Cement <Factory>; <steel>; <aggregates>;
<laboratory> <testing>; <quality control>; mixing and
<transport>; precast product industry; hollow block
masonry; cement concrete <pipe>s; <astbestos> cement pipes;
cement <tiles>; problems; <development potential>.

ENGL

33.20

11006

1981

FREMADASA GA

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981

THE CEMENT AND ALLIED PRODUCTS INDUSTRY IN SRI LANKA.

Vienna, 1981. 15 p. tables, map.

UNIDO-ID/WG.247/43

<UNIDO pub> on <cement industry> and allied products in
<Sri Lanka> - covers (1) history; <raw material>s;
manufacture of <cement>: existing <production capacity>;
<market>; distribution (2) expansion programme of the
cement <factory> at Kankesanthurai; <concrete> products
(3) the State Engineering Corporation; <prefabricated
building>; <research and development>. <Maps>.

ENGL

33.20

11007

1981

UNIDO

UNIDO MODEL FORM OF TURNKEY LUMP SUM CONTRACT FOR THE

CONSTRUCTION OF A FERTILIZER PLANT.

Vienna, 1981. 229 p. tables, diagrams.

UNIDC-UNIDO/PC.25

UNIDC-UNIDC/PC.25/CORR.1

<UNIDO pub>. <UNIDO> model form of a turnkey lump sum
<contract> concerning <factory establishment> for
<fertilizer industry> - (1) presents a contract (specific
to an <ammonia>-<urea> complex) containing 40 articles (2)
provides technical annexures. Additional reference:
<technology transfer>.

ENGL

35.40

11008

1981

UNIDO

UNIDO MODEL FORM OF COST REIMBURSABLE CONTRACT FOR THE
CONSTRUCTION OF FERTILIZER PLANT.

Vienna, 1981. 209 p.

UNIDO-UNIDO/PC.26

UNIDO-UNIDO/PC.26/CCRR.1

<UNIDO pub>. <UNIDO> model form of a cost reimbursable
<contract> concerning <factory establishment> for
<fertilizer industry> - (1) presents a contract (specific
to an <ammonia>-<urea> complex) containing 40 articles (2)
provides technical annexures. Additional references:
<technology transfer>, <costs>.

ENGL

35.40

11009

1982

UNIDO

INFORMAL MEETING ON INDUSTRIAL FINANCING, VIENNA, 1982
POSITION PAPER ON INDUSTRIAL FINANCING.

Vienna, 1982. 4 p.

UNIDO-ID/WG.358/4

<UNIDO pub> on issues in industrial <financing>
(reference: <role of UNIDO>) - covers (1) the scenario as
perceived by the UNIDO secretariat (2) salient concepts of
consultants' proposals: intervention of <developed
countries>; re-examination of industrial <project
evaluation> guidelines; expansion of <infrastructure>
financing; extended co-financing; improvement of <market>
assessment and <loan> negotiation skills in <developing
countries>.

ENGL

29.10

11010 1981
UNIDO
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
5TH, VIENNA, 1981
UNIDO TECHNICAL ASSISTANCE ACTIVITIES IN THE FIELD OF LEATHER
AND LEATHER PRODUCTS AS OF END SEPTEMBER 1981.
Vienna, 1981. 26 p.
UNIDO-ID/WG.353/3/REV.1
<UNIDO pub> on the <role of UNIDO> in promotion of
<leather industry> in <developing countries> - describes
(1) activities covering: <design centres> and <product
development>; <factory>s; <training assistance> (2)
ongoing <UNIDO> <technical assistance> projects in the
field of <leather> and <leather goods> industry.
Additional reference: <financing>.
ENGL
32.40

11011 1981
UNIDO
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
5TH, VIENNA, 1981
REPORT. (MEETING ON LEATHER INDUSTRY, 1981).
Vienna, 1981. 14 p.
UNIDO-ID/WG.353/5
<UNIDO pub>. <Report> of a <meeting> on <leather industry>
- covers (1) organization of the meeting (2) follow-up to
the second consultation referring to (a) rationalization
of <world production>, <marketing> and <trade> (b)
progress on the international <hides and skins>
development scheme; improvement of relevant statistical
intelligence (c) UNIDO draft checklist for <contractual
agreements in the <shoes> sector between <enterprise>s (d)
<technical assistance> projects. <List of participants>,
<agenda>. Additional reference: <management development>.
ENGL
32.40

11012

1981

REYES RV

VIRAY DD

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
CURRENT STATUS OF THE TECHNOLOGY OF THE PHILIPPINE CEMENT AND
CONCRETE PRODUCTS INDUSTRY.

Vienna, 1981. 14 p.

UNIDO-ID/WG.347/44

<UNIDO pub> on <cement> and <concrete> products industry
in the <Philippines> - covers (1) <cement industry>
manufacturing status: <raw material>s; <factory> design;
<energy saving>; industry rationalization programme;
<standardization> (2) concrete products: ready mix;
concrete <pipe>s and blocks; prestressed concrete; precast
panels.

ENGL

33.20

11013

1981

LI JING-ZING

ZHENG ZHI-HUS

UNIDO

WORKSHOP ON CEMENT AND CONCRETE PRODUCTS, BRISBANE, 1981
THE GENERAL INTRODUCTION OF THE CEMENT AND CONCRETE PRODUCTS
IN CHINA.

Vienna, 1981. 14 p.

UNIDO-ID/WG.347/45

<UNIDO pub> on <cement> and <concrete> products in <China>
- covers (1) cement and concrete materials, referring i.a.
to: quick hardening cement concrete; cement concrete for
water works; expansive and self-stressing, heat and <fire
retardant>, <fibreglass> reinforced, <steel> fibre
reinforced, polymer impregnated, aerated and <lightweight
concrete> (2) products: cement pressure <pipe>; <ferro
cement> boats; concrete <railway> sleepers; poles and
piles; <astestos> cement products; prefabricated concrete
products. Additional references: <aggregates>,
<shipbuilding>.

ENGL

33.20

11014

1981

UNIDO

HIGH-LEVEL EXPERT GROUP MEETING TO CONSIDER ESTABLISHMENT OF AN INTERNATIONAL CENTRE FOR THE PROMOTION OF AGRICULTURAL MACHINERY INDUSTRY IN THE DEVELOPING COUNTRIES, VIENNA, 1981 REPORT. ESTABLISHMENT OF THE INTERNATIONAL CENTRE FOR THE PROMOTION OF AGRICULTURAL MACHINERY INDUSTRY IN THE DEVELOPING COUNTRIES.

Vienna, 1981. 17 p.

UNIDO-UNIDO/PC.28

<UNIDO pub>. <Report> of a <meeting> on proposed establishment in <China> of an international <development centre> for promotion of <agricultural machinery> industry in the <developing countries> - covers (1) organization of the meeting; objectives; background information (2) status of the project (3) highlights of discussion regarding (a) the centre's interlinkage with existing institutions (b) programme components. <Agenda>, <list of participants>, <recommendations>.

ENGL

37.20

11015

1981

UNIDO

ACC TASK FORCE ON LONG-TERM DEVELOPMENT OBJECTIVES, NEW YORK, 1981
THE USE OF SOCIO-ECONOMIC INDICATORS TO MONITOR THE PROCESS OF INDUSTRIALIZATION.

Vienna, 1981. 13 p.

UNIDO-UNIDO/IS.262

<UNIDO pub> on indicators for monitoring the process of <industrialization> (reference: <econometrics>) - covers (1) problem areas and <methodology> in selection of socio-economic indicators for analysis of <economic policy> and <economic development> (2) selecting an acceptable set of indicators (3) a reduced set of indicators (4) comments on a relevant <ILC> paper. Additional references: <social policy>, <development planning>.

ENGL

14.60

11016 1982
KOENIG HR
UNIDC
JOJOBA AND INDUSTRIAL DEVELOPMENT.

Vienna, 1982. 12 p. tables.

UNIDO-UNIDO/IC.482

<UNIDO pub>. Study on <jojoba> <oilseeds> - covers:
general properties and utilization; industrial uses;
practical development considerations; the jojoba
processing industry; jojoba meal. Additional references:
<wax>, <cosmetics>, <pharmaceutical industry>,
<lubricants>, <feed>, <toxicity>, <protein>.

ENGL
31.10

11017 1981
UJHELYI JE
UNIDO
(R) SYRIA. ASSISTANCE TO THE DEVELOPMENT OF THE CONSTRUCTION
AND BUILDING MATERIALS INDUSTRIES. TERMINAL REPORT.

DP/SYR/80/001

Vienna, 1981. 124 p. tables, graphs, diagrams.

::::

<UNIDO pub>. <Final report> on assistance to development
of <building materials> industry in <Syria>, with special
reference to <pozzolana> - covers (1) evaluation of
possibilities of using volcanic materials for production
of pozzolanic (blended) <cement>, hydraulic <lime> and
<lightweight concrete> (2) investigations carried out;
results of <testing> (3) properties of lightweight
<aggregates> concrete; technical aspects of production (4)
investigation of latent hydraulic materials and pozzolanic
activity. <Recommendations>, <statistics>. <Restricted>.

ENGL
33.20

11018

1981

BERCI M

UNIDC

(R) MOZAMBIQUE. FOOTWEAR INDUSTRY CONSULTANCY. TERMINAL REPORT.

SI/MOZ/80/801

Vienna, 1981. 74 p. tables, statistics, diagrams.

UNIDO-DP/ID/SER.B/319

<UNIDO pub>. <Final report> on assistance to the <shoes> industry in <Mozambique> - covers (1) collection of <hides and skins>, <tanning> facilities, <import> of components and <machinery> (2) <leather goods> <production capacity>; <equipment>; <product design>; <maintenance and repair>; <institutional framework>, <public sector>; <training centre> at RITMC <factory>; <technical assistance>, <role of UNIDO>, proposals relative to <management>. <Recommendations>, <statistics>, <diagrams>, <job description>, draft <project document>. <Restricted>.

ENGL

32.40

11019

1981

CRTEGA HERRERO J

UNIDC

(R) NICARAGUA. ASISTENCIA PARA LA URGENTE REACTIVACION DE FABRICAS TEXTILES CLAVE. INFCFME TECNICO: EXPERTO EN REPARACION Y MANTENIMIENTO EN HILATURA Y TEJEDURIA. (PARTE I).

SI/NIC/80/801

Vienna, 1981. 24 p.

UNIDC-DP/ID/SER.A/310

<UNIDC pub>. <Expert report> on assistance to <textile industry> in <Nicaragua> - covers (1) mill reactivation; <factory organization>, <condition of the <machinery> (2) introducing <production control>, <quality control>, control of <stock>, <production incentives>; procurement of <technical information>; <standardization>, <training>. <Recommendations>. Additional references: <warehouse>, <spinning>, <weaving>, <dyeing>, <maintenance and repair>. <Restricted>.

SPAN

32.30

11020 1981
ORTEGA HERRERA J
UNIDO
(R) NICARAGUA. ASISTENCIA PARA LA URGENTE REACTIVACION DE
FABRICAS TEXTILES CLAVE. INFORME TECNICO: EXPERTO EN
REPARACION Y MANTENIMIENTO EN HILATURA Y TEJEDURIA. (PARTE
II).
SI/NIC/80/801
Vienna, 1981. 105 p. tables, graphs.
UNIDO-DP/ID/SER.A/311
<UNIDO pub>. <Expert report> on assistance to <maintenance
and repair> activities in <textile industry>s in
<Nicaragua> - covers (1) technical problems of <quality
control> for each step of the <textiles> production
process (2) details of <incentives> introduced to
stimulate <productivity>; relevant calculation.
<Recommendations>, <statistics>. Additional references:
<factory organization>, <spinning>, <weaving>, <dyeing>.
<Restricted>.
SPAN
32.30

11021 1980
CONACHER-CROW W
UNIDO
MANAGEMENT TRAINING. A MANUAL FOR INSTRUCTORS AT THE
INDUSTRIAL SERVICES CENTRE IN NEPAL.
IP/NEP/72/007
Vienna, 1981. 190 p. tables.
UNIDO-UNIDO/IC.488
<UNIDO pub>. <handbook> for <management development> in
<Nepal> - covers (1) <training programmes> developed for
use at the <industrial services> centre (2) <management>
<training> (3) programme <planning> (4) methods of
instruction. <Questionnaire>. Additional references:
<entrepreneurship>, <management technique>s.
ENGL
12.40

11022

1981

UNIDO

KOBE STEEL, LTD., JAPAN

(R) THE MASTER PLAN FOR THE IRON AND STEEL INDUSTRY IN PAKISTAN.

Vienna, 1981. 2 vol. (various pagings). tables, map.

::::

<UNIDO pub>. <Final report> regarding development of the <iron and steel industry> in <Pakistan> - covers (1) current <economic conditions> (2) existing <iron> and <steel> industry: <raw materials>, facilities (3) <market information>: production, <imports>, <domestic consumption> of steel, <supply and demand>, <projections>, <export> markets (4) recent trends in <technology>; potential introduction of modern technology (5) prospective study for related <industrial projects> (6) <financial aspects> and <economic analysis>. <Summary>, <statistics>. <Restricted>.

ENGL

36.10

11023

1981

UNIDO

MEETING OF THE SMALL GROUP OF EXPERTS ON SCENARIOS OF THE IRON AND STEEL INDUSTRY'S DEVELOPMENT, 3RD, VIENNA, 1981 REPORT. (MEETING ON SCENARIOS FOR IRON AND STEEL INDUSTRY, 1981).

Vienna, 1982. 13 p.

UNIDO-UNIDO/FC.32

<UNIDO pub>. <Report> of a <meeting> on scenarios for development of the <iron and steel industry> - covers (1) background and organization of the meeting (2) discussion of issues. <Recommendations>, <agenda>, <list of participants>, <list of documents>. Additional reference: <development planning>.

ENGL

36.10

11024

1981

UNIDC

ROUND TABLE MEETING ON THE PHARMACEUTICAL INDUSTRY,
MCFAMMEDIA, MORGCCO, 1981

REPORT. (MEETING ON PHARMACEUTICAL INDUSTRY, 1981).

- RAPPORT. (TABLE RONDE SUR L'INDUSTRIE PHARMACEUTIQUE, 1981).

Vienna, 1982. 14 p.

UNIDO-UNIDO/PC.33

<UNIDO pub>. <Report> of a <meeting> on development of
<pharmaceutical industry> - covers (1) background and
organization of the meeting (2) conclusions and
<recommendations> regarding (a) availability, <pricing> of
essential bulk drugs and <intermediates> (b) <contractual
arrangements for <technology transfer>. <List of
participants> and observers, <list of documents>.

ENGL FREN

35.60

11025

1981

UNIDO

MEETING ON CO-OPERATION AMONG DEVELOPING COUNTRIES, ORGANIZED
BY THE NATIONAL COUNCIL OF PHARMACISTS, MCFGCCO, 1981

REPORT. (MEETING ON PHARMACEUTICAL INDUSTRY, 1981).

- RAPPORT. (REUNION SUR L'INDUSTRIE PHARMACEUTIQUE, 1981).

Vienna, 1982. 5 p.

UNIDC-UNIDO/PC.34

<UNIDO pub>. <Report> on a <meeting> regarding <TCDC> in
development of <pharmaceutical industry> - summarizes
discussions, mentioning especially issues of production,
<choice of technology>, <information exchange>,
<training>, and the <role of UNIDO> <technical assistance>
in <cooperation>.

ENGL FREN

35.60

1102E

1981

EASSILI AV

BRION HP

WANG FENG SHANG

UNIDO

SEMINAR ON WOOD BASED PANELS AND FURNITURE INDUSTRIES,

BEIJING, CHINA, 1981

GUIDELINES FOR THE SELECTION OF OPTIONS IN ESTABLISHING WOOD
BASED PANEL INDUSTRIES IN DEVELOPING COUNTRIES.

- CREATION, DANS LES PAYS EN DEVELOPPEMENT, D'UNE INDUSTRIE
DES PANNEAUX DERIVES DU BCIS: PRINCIPES DIRECTEURS POUR LE
CHOIX DES FILIERES.

- DIRECTRICES PARA LA SELECCION DE OPCIONES EN LA CREACION DE
INDUSTRIAS DE TABLEROS A BASE DE MADEFA EN LOS PAISES EN
DESARROLLO.

Vienna, 1981. 22 p. tables.

UNIDC-ID/WG.335/16

<UNIDC pub> on <factory establishment> for <plywood>, <particle board> and <fitretcard> production in <developing countries> - covers (1) <raw material>: availability, <costs>, <research and development> needs (2) <market> considerations: size of market, promotion; range of panel applications; <pricing> range (3) <choice of technology>: technological level, minimum economic <production capacity>; <energy> requirements; <pollution control> (4) <capital> required, <manpower needs>, <training>. Tables. Additional reference: <wood processing>.

ENGL FREN SPAN

32.10

11027

1982

YCON SOC PARK

UNIDO

(R) SEMICONDUCTOR MATERIALS TECHNOLOGY. REPUBLIC OF KOREA.
TERMINAL REFCRT.

DF/FOK/75/019

Vienna, 1982. 15 p.

UNIDC-DP/ID/SER.E/326

<UNIDO pub>. <Final report> on assistance to <electronics industry> in <Korea R> (reference: <integrated circuits>) - covers (1) advice given at a <laboratory> regarding growth, characterization and processing of epitaxial and bulk crystals of gallium-arsenide (GaAs) and related compounds (2) current status of materials <research> (3) <silicon> semiconductor materials (4) GaAs materials and devices. <Recommendations>. Additional reference: <technology transfer>. <Restricted>.

ENGL

38.10

11028

1982

ACHAFYA SN

UNIDO

WORKING GROUP MEETING ON THE LONG-TERM CONTRACTS FOR
PURCHASE/SUPPLY OF IRON ORE AND COKING COAL, BRATISLAVA,
1982

IRON ORE - ITS SUPPLY, MARKET STRUCTURE AND CONTRACTUAL
ARRANGEMENTS.

Vienna, 1982. 43 p. diagram.

UNIDC-ID/WG.360/1

<UNIDO pub> on <iron ore> <supply>, market structure and <contract>ual arrangements - covers: overall perspective; future <supply and demand>; structure of <market>; <marketing> arrangements; <investment>, <pricing> and inflationary impact; <cooperation> amongst <developing countries>; issues for international action. <Statistics>. Additional references: <TCDC>, <iron and steel industry>, <mining>, <infrastructure>.

ENGL

38.20

11029

1982

SZPILEWICZ A

UNIDO

WORKING GROUP MEETING ON THE LONG-TERM CONTRACTS FOR
PURCHASE/SUPPLY OF IRON ORE AND COKING COAL, BRATISLAVA,
1982

METALLURGICAL COAL IN THE 1980'S - FACTS AND PROSPECTS.

Vienna, 1982. 63 p. tables.

UNIDC-ID/WG.360/2

<UNIDO pub> on <supply> and use of <metallurgical coal>
in the 1980s - (1) covers: <mineral resources>; output;
<demand>; <trade>; <prices>; <costs>; <technology> (2)
describes relevant conditions in: <USA>, <Canada>,
<Western Europe>, <Australia>, <South Africa R>, <Japan>,
<India>, <Korea R>, <Turkey>; some <Latin America>,n,
<Africa>n and <Arab countries>; <CMEA> countries, <China>,
<Korea DPR> and <Vietnam>. <Statistics>. Additional
references: <iron and steel industry>, <mining>, <coke>.

ENGL

24.30

11030

1981

UNIDC

UNIDO INDUSTRIAL TRAINING OFFER PROGRAMME 1982.

- PROGRAMME DE FORMATION INDUSTRIELLE PROPOSE PAR L'UNIDO
POUR 1982.

- PROGRAMA DE OFERTAS DE CAPACITACION INDUSTRIAL DE LA UNIDO
PARA 1982.

Vienna, 1981. 16 p.

UNIDC-PI/74

<UNIDO pub> on <UNIDO> industrial <training programmes>
available in 1982 - (1) gives information on relevant
UNIDO services and advice on how to obtain them (2) covers
(a) mandate and <role of UNIDO> in this field (b)
industrial <training> field operations, group training
programmes, <fellowships> (with <source of funds>), study
tours.

ENGL FREN SPAN

12.40

11031

1981

UNIDO

JAAKKO POEYRY, CONSULTING, HELSINKI

(R) PREINVESTMENT STUDY FOR A CIGARETTE PAPER MILL IN
INDONESIA.

US/RAS/80/21E

Vienna, 1981. 1 vol. (various pagings). tables, diagrams.

:::

<UNIDO pub>. <Final report> on the feasibility of
establishing an integrated <pulp and paper industry> in
<Indonesia>, specializing in cigarette paper based on
rosella <fibre plants> - covers (1) alternative project
concepts; viability (2) elements of <preinvestment study>:
<market>s, <raw material>s, <factory> concept and
<equipment>, <production capacity>, <utilities>, <site
assessment>, <infrastructure>, <environment>, <economic
aspects> and <project implementation>. <Recommendations>,
<statistics>, <factory layout>. Additional reference:
<tobacco industry>. <Restricted>.

ENGL

32.10

11032

1976

UNIDO

JOINT UNIDO-ROMANIA CENTRE, BUCHAREST

CATALYST MANUAL. A USER'S GUIDE TO CATALYSTS FOR THE
PETROCHEMICAL AND FERTILIZER INDUSTRIES.

Vienna, 1976. 2 vol. (various pagings). tables, graphs.

UNIDO-UNIDO/ITD.351

<UNIDO pub>. <Handbook> on <catalysts> for use in
<petrochemical industry> and <fertilizer industry> -
covers (1) heterogenous catalysts for (a) main industrial
processes: <ammonia> production; petrochemical industry;
production of <acid>s (b) unit operations: alkylation,
cracking, de<sulphur>ization, <hydrogenation>, oxidation,
polymerization, <petrol>, reforming, etc. (2) homogenous
catalysis (3) catalyst carriers (4) catalyst <supply>,
giving indexes of manufacturers. Annexes, <statistics>.
Additional references: <chemicals>, <chemical reactors>,
<hydrocarbons>.

ENGL

35.30

11033

1982

CCDY EP

UNIDO

(R) INDONESIA. TECHNICAL REPORT: SECONDARY WOOD-BASED
INDUSTRIES REPOFT.

EP/INS/78/054

Vienna, 1982. 154 p. tables, diagrams.

UNIDO-DP/ID/SER.A/332

<UNIDO pub>. <Expert report> on the <wood products>
industry in <Indonesia> - covers (1) secondary <wood
processing> and its <development potential>, problem areas
(2) <furniture> <product design>; <factory>s; <raw
material>s (solid <wood>, <plywood>, <rattan>, etc.);
production, <wood technology>; <management>, <workers>,
<training> needs; <marketing>, standard <specifications>
and <quality control>; <research and development>.
<Recommendations>, <factory layout>, <bibliography>.
Additional references: <small scale industry>,
<handicraft>, <tropical timber>, <machinery>, <export>,
<particle board>. <Restricted>.

ENGL

32.10

11034

1981

RAO JC

UNIDC

FINANCING OF MANUFACTURING ENTERPRISES IN INDIA.

Vienna, 1981. 137 p. tables.

UNIDC-UNIDO/IS.2EE

<UNIDO pub>. <Survey> on <financing> of <industrial
enterprise>s in <India> - covers (1) financial systems and
<industrial development>; source and type of financing;
influence of existing patterns; gaps and deficiencies (2)
the functioning of financial institutions and instruments
available to <manufacturing> enterprises (3) analysis of
practices (4) features of relevant <legislation> and
<regulations>; <industrial policy> (5) scope for
improvement. <Statistics>, <bibliography>. Additional
references: <institutional framework>, <banking>,
<development bank>s, <capital>, <credit policy>, <loan>s.

ENGL

29.10

11035

1982

SHETTY MC

UNIDC

FINANCING OF MANUFACTURING ENTERPRISES IN BANGLADESH,
INDONESIA, MALAYSIA, SRI LANKA AND THAILAND.

Vienna, 1982. 104 p. tables.

UNIDG-UNIDO/IS.276

<UNIDO pub>. Study of <financing> of <industrial
enterprise>s in <Bangladesh>, <Indonesia>, <Malaysia>,
<Sri Lanka> and <Thailand> - covers (1) <investment> and
<savings> in relation to <gross domestic product> (2)
investment in the <manufacturing> sector and its
financing; <capital formation>; problems of financing
<small scale industry> (3) <industrialization> and
adequacy of financial structure. <Statistics>. Additional
references: <banking>, <investment policy>, <credit
policy>, <capital market>.

ENGL

29.10

11036

1981

FANKHAUSER G

UNIDC

(R) DEMOCRATIC YEMEN. TECHNICAL REPORT: WORK-STUDY
APPLICATIONS IN FACTORIES REPORTING TO THE MINISTRY OF
INDUSTRY.

IP/PDY/76/014

Vienna, 1981. 129 p. tables.

UNIDC-DP/ID/SER.A/323

<UNIDO pub>. <Expert report> on assistance in improving
<work organization> and <productivity> in <public
enterprise>s in <Yemen PDR> - covers (1) initiation of a
<long term> programme to bring work-study assistance to
forty-odd factories (2) information given to government
and industry on work-study philosophy and relevant
<management technique>s (3) <factory> visits; findings
regarding <factory organization>, <working conditions>,
<labour productivity>, <maintenance and repair>,
<industrial safety>, etc. <Recommendations>. Additional
reference: <management development>. <Restricted>.

ENGL

22.10

11037

1981

WESTERGAARD RH

UNIDO

(R) TRINIDAD AND TOBAGO. ASSISTANCE TO THE CARIBBEAN
INDUSTRIAL RESEARCH INSTITUTE (CARIRI). TERMINAL REPORT.

DP/TRI/69/505

Vienna, 1981. 47 p. tables.

::::

<UNIDO pub>. <Final report> on assistance to CARIRI
(/research centre/) in <Trinidad and Tobago> - covers (1)
historical background and evaluation; <institutional
framework>; CARIRI activities, relationship with
Government, <industry and higher education> (2) <staff>,
<laboratory>, fees, funding; future prospects.
<Recommendations>, tables. Additional references:
<electronics>, <food>, <chemistry>, <engineering>,
<technology> <economic development>, <construction
industry>, <training>, <consulting>. <Restricted>.

ENGL

02.10

11038

1982

UNIDO

THE IMPACT OF HIGHER ENERGY PRICES ON THE INDUSTRIALIZATION
OF DEVELOPING COUNTRIES, WITH SPECIAL REFERENCE TO LEAST
DEVELOPED COUNTRIES.

Vienna, 1982. 36 p. tables, graphs.

UNIDO-UNIDO/IS.279

<UNIDO pub>. Study on the impact of higher <energy> prices
on <industrialization>, with special reference to <least
developed countries> - covers (1) higher <petroleum>
<prices> in the world economy: their impact; terms of
<trade> effects; <balance of payments> (2) long run
implications for <developing countries>: basic
assumptions; <capital> requirements; policy issues and
<recommendations>. <Bibliography>, <statistics>.
Additional reference: <energy economics>.

ENGL

34.10

11039

1981

EHADURI A

UNIDC

INFORMAL MEETING ON INDUSTRIAL FINANCING, VIENNA, 1982
HOW "SCIENTIFIC" IS COST-BENEFIT ANALYSIS?

Vienna, 1981. 5 p.

UNIDO-ID/WG.358/5

<UNIDO pub> on <cost benefit analysis> as part of industrial <project evaluation> (reference: <financing>) - covers (1) the uncertainty element in <investment> decisions (2) "rules" of <decision making> as a set of conventions without scientific basis (3) unpredictability of changes of crucial parameters; for <industrial project>s; examples; conclusions to be drawn (4) broad principles to be followed in project evaluation.

ENGL

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1982

UNIDO

INFORMAL MEETING ON INDUSTRIAL FINANCING, VIENNA, 1982
UNIDC INVOLVEMENT IN THE FINANCING OF INDUSTRY AND INVESTMENT PROMOTION. BACKGROUND DOCUMENT.

Vienna, 1982. 6 p.

UNIDO-ID/WG.358/6

<UNIDO pub> on the <role of UNIDC> in industrial <financing> and <investment promotion> - covers (1) special activities undertaken regarding study of (a) international aspects of industrial finance (b) domestic aspects (2) permanent on-going secretariat activities: investment promotion; <cooperation> with the <IBRD> group.

ENGL

29.10

11041 1982
MALEWSKI R
MARUVADA PS
RIZK FAM
TRAIN D
UNIDO
(R) TERMINAL REPORT. ELECTRICAL INDUSTRY. MEXICO.
IF/MEX/78/003
Vienna, 1982. tables, map.
UNIDO-DP/ID/SER.E/327

<UNIDO pub>. <Final report> on assistance to <electrical industry> in <Mexico> - covers technical subjects discussed at a <research centre> regarding high voltage measuring techniques dielectric <testing>, corona effects and <contamination> of <insulators>, with attention also to <training> of research <staff>. <Recommendations>, <maps>, <statistics>. Additional references: <equipment>, <transformers>, <measuring instruments>, <pollution>, <electric power distribution>. <Restricted>.

ENGL
38.10

11042 1982
UNIDO
A CONCEPTUAL MODEL FOR PROJECTING INDUSTRIAL ENERGY USE IN DEVELOPING COUNTRIES.
Vienna, 1982. 29 p. tables.
UNIDO-UNIDO/IS.278

<UNIDO pub> presenting a model for projecting industrial <energy> use in <developing countries> - (1) describes the model (2) covers (a) comparison with previous <models> of energy <consumption> in DCs (b) data for model <estimating> (c) use of the model for <projection> of energy use. <Bibliography>, <statistics>.

ENGL
34.10

11043

1982

ISALESKI WH

UNIDO

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982
HYDROGEN RECOVERY FROM AMMONIA PURGE GAS. THE PETROCARBON
EXPERIENCE.

Vienna, 1982. 17 p. tables, diagram.

UNIDC-ID/WG.364/2

<UNIDO pub> on <hydrogen> recovery from <ammonia>
synthesis purge <gas> using a "petrocarbon" unit - (1)
outlines a technology for such hydrogen <recovery> (2)
describes the process aspects and considers the <economic
aspects> of installing and operating a typical unit (3)
considers the effect on the ammonia plant and uses
operating experience to discuss plant flexibility. Process
<statistics>, <flow chart>. Additional reference:
<fertilizer industry>.

ENGL

35.30

11044

1982

VAN GELDER JM

UNIDC

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982
HYDROGEN RECOVERY FROM AMMONIA PLANT PURGE GAS VIA PRISM
SEPARATORS.

Vienna, 1982. 13 p. tables, diagrams.

UNIDC-ID/WG.364/4

<UNIDO pub> on <hydrogen> recovery from <ammonia> plant
purge <gas> via "PRISM" separators - describes the
operating performance of a PRISM separator system for
<recovery> of hydrogen from a <natural gas> fed nominal
1000 MTPD ammonia plant, the concept applying equally to
all sizes of ammonia plant purge streams. Process
<statistics>, <diagram>, <flow chart>.

ENGL

35.30

11045

1982

ZARDI U

UNIDC

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982

REACTOR DESIGNS AND CATALYSTS FROM AMMONIA SYNTHESIS.

Vienna, 1982. 27 p. tables, diagrams.

UNIDO-ID/WG.364/1

<UNIDO pub> on <chemical reactors> design and <catalyst>s
for <ammonia> synthesis - covers (1) evolution of
synthesis technology to meet new requirements for large
<production capacity> plus <energy saving> (2) state of
the art; <advanced skills and technology>; possible future
developments. <Statistics>, <diagram>s, <bibliography>.

ENGL

35.30

11046

1982

BROWN FC

UNIDC

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982

CRITERIA FOR SELECTING CO₂ REMOVAL PROCESSES.

Vienna, 1982. 13 p. diagrams.

UNIDO-ID/WG.364/3

<UNIDO pub> on <ammonia> fertilizer technology, with
special reference to major processes available for the
removal of <carbon dioxide> from synthesis <gas> streams
produced by the catalytic steam reforming of <natural gas>
- covers (1) historical development (2) use of
<ethanol>amines (3) hot <carbonate> processes (4) physical
<solvent>s (5) improved chemical absorbent processes (6)
performance data (7) factors in <choice of technology>.
Technical <flow chart>s. Additional references: <chemical
reactors>, <recovery>.

ENGL

35.30

11047

1982

GUPTA VRR
SABAPATHY TR
SRINIVASAN CV
UNIDC

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982

CORROSION PROBLEMS IN AN AMMONIA PLANT. CASE HISTORIES.

Vienna, 1982. 15 p.

UNIDO-ID/WG.364/5

<UNIDO pub> on <corrosion> problems in an <ammonia> plant -
presents some <case study>s on the various types of
corrosion-caused failures of <equipment> experienced in a
<fertilizer industry> in <India> and on corrosion
prevention measures adopted. Additional references:
reformer, condenser tubes, heat exchanger, compressors,
<carbon dioxide>, <boilers>, <maintenance and repair>.

ENGL
35.30

11048

1981

UNIDC

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 6th,
MANILA, 1981

REPORT. (MEETING ON TECHNOLOGY TRANSFER, 1981).

- INFCRME. (REUNION SOBRE LA TRANSFERENCIA DE TECNOLOGIA,
1981).

Vienna, 1981. 19 p.

UNIDO-ID/WG.355/1C

<UNIDO pub>. <Report> of a <meeting> on <technology
transfer>, with special reference to <TIES> - covers (1)
meeting background and organization (2) progress of the
Technological <Information Exchange> System (TIES); status
evaluation (3) TIES data evaluation (4) the TIES service
agreements information exchange (5) <cooperation> among
<technology> registries (6) <financing> of TIES (7) <case
study>s. <List of participants>, <list of documents>.

ENGL SPAN
24.30

11049

1982

UNIDO

GLOBAL PREPARATORY MEETING FOR THE FIRST CONSULTATION ON THE TRAINING OF INDUSTRIAL MANPOWER, INNSBRUCK, 1982

REPORT. (MEETING ON INDUSTRIAL TRAINING, 1982).

- RAPPORT. (REUNION SUR LA FORMATION INDUSTRIELLE, 1982).

- INFORME. (REUNION SOBRE LA CAPACITACION INDUSTRIAL, 1982).

Vienna, 1982. 3+ p.

UNIDC-ID/WG.354/2/REV.1

<UNIDO pub>. <Report> of a <meeting> on <training> of industrial <manpower> for <developing countries> - summarizes (1) statements by secretariats of <UNIDO>, <ILO> and <UNESCO> (2) discussions regarding (a) availability and potential use of training capacity in <developed countries> (b) use of training capacity in ICs (<TCDC>) (c) the potential role of <international organizations> and of national <training centres> with international training objectives. <Recommendations>, <list of documents>, <list of participants>.

ENGL FREN SPAN RUSS

12.40

11050

1981

UNIDO

IIASA

SMALL EXPERT GROUP MEETING ON THE IRON AND STEEL INDUSTRY'S DEVELOPMENT, 3RI, VIENNA, 1981

ETUDE DES MARCHES POUR LE SECTEUR SIDERURGIQUE CREEE PAR LE DEVELOPPEMENT ET LA DIVERSIFICATION DE LA PRODUCTION ENERGETIQUE.

- STUDY OF MARKETS FOR THE IRON AND STEEL SECTOR CREATED BY THE DEVELOPMENT AND DIVERSIFICATION OF ENERGY PRODUCTION.

Vienna, 1981. 42 p. tables, graph, diagram

UNIDO-ID/WG.356/1

<UNIDO pub> on markets for <iron and steel industry> created by development of <energy> production - (1) contains a study (based on IIASA energy <models>) of the influence of the development and <diversification> of energy on the <demand> for <steel> (2) covers (a) <evaluation> of <global study> (b) analysis of Bechtel data (c) notice and <comparative study> of some simplified energy chains (d) analysis of the simplified chains as applied to the high IIASA scenario (e) general conclusions. <Statistics>, <flow chart>, <bibliography>. Additional references: <petroleum>, <coal>, <gas>, <gasification>, electricity, <solar energy>, <regional>.

FREN ENGL

36.10

11051

1982

NORDSTROEM S

UNIDC

NATIONAL BOARD OF PUBLIC BUILDING, STOCKHOLM

(R) STUDY AND REPORT OF THE FEASIBILITY OF INSTALLING
OPENABLE WINDOWS AT THE VIENNA INTERNATIONAL CENTRE.

Vienna, 1982. 27 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> regarding potential windows
modification at the <VIC> - covers (1) window
construction; alternatives of openable windows (2)
calculations of effect of modifications; aspects of
<energy saving> (3) <costs>. <Recommendations>,
<diagram>s. Additional references: <heating>, <building
design>. <Restricted>.

ENGL

33.10

11052

1981

ABED F

UNIDO

(R) INDUSTRIAL REDEPLOYMENT FROM DEVELOPED TO DEVELOPING
COUNTRIES. A CASE STUDY ON THE EXPERIENCES OF TUNISIA IN
INTERNATIONAL SUBCONTRACTING.

UF/GLG/78/230

Vienna, 1981. 123 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> on experience of <Tunisia> in
international <subcontracting> (reference: <industrial
redeployment>) - covers (1) prerequisites; <legal
aspects>, other factors and <incentives> (2) forms of
subcontracting (3) quantitative and qualitative effects (<investment>, <establishment of new industry>,
<employment>, <balance of payments>; technical aspects,
<diversification>, linkage effects, <technology
transfer>). <Statistics>, <questionnaire>, <legislation>,
<bibliography>. <Restricted>.

ENGL

21.50

11053 1981
UNIDO
MALAYSIAN RUBBER RESEARCH AND DEVELOPMENT BOARD
(R) UNIDO PROJECT TO INCREASE THE COMPETITIVENESS OF NATURAL
RUBBER. FINAL REPORT.
US/RAS/77/016
Vienna, 1981. 2 vol. (various pagings). tables, graphs, illus.
:::

<UNIDO pub>. <Final report> concerning a project to
increase the competitiveness of natural <rubber> -
concerns work done at a <research centre> in <Malaysia>,
covering (1) <advanced skills and technology> applicable
to rubber processing (2) thermoplastic natural rubber
grafts with <polystyrene> (3) thermoplastic NR <blending>
with <polypropylene> (4) powdered natural rubber.
<Recommendations>, <statistics>, illustrations. Additional
references: <competitiveness>, <synthetic>s, <plastics>,
<economic aspects>, <production costs>. <Restricted>.

ENGL
22.50

11054 1982
EGOROV IA
VOLKOV MY
UNIDO
RESEARCH SEMINAR ON STRUCTURAL CHANGES IN INDUSTRY IN
EUROPEAN CMEA COUNTRIES, BUDAPEST, 1982
STRUCTURAL CHANGES IN THE INDUSTRY OF THE USSR AND PROSPECTS
OF THE DIVISION OF LABOUR WITH DEVELOPING COUNTRIES.
Vienna, 1982. 87 p. tables.
UNIDO-ID/WG.357/3

<UNIDO pub> on <structural changes> in the <industrial
sector> of the <USSR> and potential <international
division of labour> with the <developing countries> -
covers (1) direction of structural changes and their
effects on the <national economy> (2) prospective
structural changes in the 1980s (3) <trade> in
<manufacturing> products and development of <cooperation>
in the 80s (4) factors and trends of <specialization> in
<industrial production>. <Statistics>. Additional
references: <productivity>, <location of industry>,
<employment policy>, <investment policy>, <market>,
<CMEA>, <export>, <import>, <energy>, <raw material>,
<manpower>.

ENGL
14.60

11055

1981

UNIDO

SMALL EXPERT GROUP MEETING ON SCENARIOS OF THE IRON AND STEEL
INDUSTRY'S DEVELOPMENT, 3RD, VIENNA, 1981

EVOLUTION DE LA STRUCTURE DU COMMERCE INTERNATIONAL DE 1972 A
1977 PAR PRINCIPALES CATEGORIES DE PRODUITS SIDERURGIQUES.

- EVOLUTION OF THE STRUCTURE OF INTERNATIONAL TRADE FROM 1972
TO 1977 BY MAIN CATEGORIES OF IRON AND STEEL PRODUCTS.

Vienna, 1981. 25 p. tables, diagrams.

UNIDO-ID/WG.356/2

<UNIDO pub> on the structure of <trade> in <iron> and
<steel> products 1972 to 1977 - (1) gives information on
international trade in products by categories reflecting
relative production complexity (2) covers (a) trade among
economic groups (b) structure of trade among eleven large
regions and by country. <Statistics>, <diagram>s.
Additional references: <iron and steel industry>,
<interregional>.

FREN ENGL

36.10

11056

1981

UNIDO

SMALL EXPERT GROUP MEETING ON SCENARIOS OF THE IRON AND STEEL
INDUSTRY'S DEVELOPMENT, 3RD, VIENNA, 1981

RAPPORT SUR LES PROGRES ACCOMPLIS DANS L'ELABORATION DES
"SCENARIOS DE L'INDUSTRIE SIDERURGIQUE 1990".

- REPORT ON THE PROGRESS ACCOMPLISHED IN THE PREPARATION OF
THE "1990 SCENARIOS FOR THE IRON AND STEEL INDUSTRY".

Vienna, 1981. 10 p.

UNIDO-ID/WG.356/3

<UNIDO pub> on progress made in preparation of 1990
<models> for the <iron and steel industry> - covers (1)
work accomplished and studies undertaken (2) new
initiatives taken by the secretariat (3) problems to be
solved (4) suggestions on the development of scenarios for
the third consultation on the iron and steel industry (5)
revised <industrial project>s and <production capacity>s
for 1990.

FREN ENGL

36.10

11057

1981

UNIDO

SMALL EXPERT GROUP MEETING ON SCENARIOS OF THE IRON AND STEEL
INDUSTRY'S DEVELOPMENT, 3RD, VIENNA, 1981

IRON AND STEEL PROJECTS VERSUS INDEBTEDNESS, SAVINGS, EXPORTS
AND CREDIT-WORTHINESS.

- INFLUENCE DES FACTEURS ENDETTEMENT, EFARGNE, EXPORTATIONS
ET SOLVABILITE SUR LES PROJETS SIDERURGIQUES.

- PROYECTOS DE LA INDUSTRIA SIDERURGICA EN RELACION CON EL
ENDEUDAMIENTO, EL AHORRO, LAS EXPORTACIONES Y LA SOLVENCIA.

Vienna, 1981. 20 p. tables.

UNIDO-ID/WG.356/4

UNIDO-ID/WG.356/4/CCRR.1

<UNIDO pub> regarding <financing> aspects of <industrial
project>s of the <iron and steel industry> in <developing
countries> - (1) offers some preliminary conclusions on
the overall financial position of a number of DCs planning
the installation of new iron and steel <production
capacity>s (2) compares estimated total <costs> of
projects up to 1990 with four criteria, namely the
countries' levels of indebtedness, internal financing
capacity, <foreign exchange>, and <credit>-worthiness (as
assessed by international <banks>). <Statistics>.

Additional references: <savings>, <export>, <establishment
of new industry>.

ENGL FREN SPAN

36.10

11058

1981

MARANG SA

UNIDO

GENETIC ENGINEERING: THE TECHNOLOGY AND ITS IMPLICATIONS.

Vienna, 1981. 35 p. diagrams.

UNIDO-UNIDO/IS.260

<UNIDO pub>. <Expert report> on <genetic engineering> -
covers (1) seven phases of genetic engineering; details
(2) potential applications of recombinant DNA: industrial,
agricultural, medical; general problems in application (3)
present status in <developed countries>; <development
potential> for <developing countries> (4) the risks of
genetic engineering. <Bibliography>, <glossary>,
<diagram>. Additional references: hybridization,
<nitrogen> <fertilizer>, <pharmaceuticals>.

ENGL

35.50

11059

1981

HUBENY H

UNIDO

UNIDO IN-PLANT GROUP TRAINING PROGRAMME IN THE FIELD OF
PLASTICS TECHNOLOGY AND MOULD DESIGN, 12TH, VIENNA, 1981
FINAL REPORT. (TRAINING PROGRAMME IN PLASTICS TECHNOLOGY,
1981).

Vienna, 1981. 31 p.

::::

<UNIDO pub>. <Final report> on an <in plant training>
programme in <Austria> concerning <plastics> technology
and <moulds> design - covers (1) history and objectives of
<training programmes> in this field (2) subject list;
contents of lectures and lecture notes (theory and
practice); research papers (3) <factory> visits in Austria
(4) activities of the co-operating <laboratory> (LKT);
applied <research and development> programmes in plastics
<technology>. <List of participants>.

ENGL

35.70

11060

1981

UNIDC

EXPERT GROUP MEETING ON THE CHANGING ROLE AND FUNCTION OF THE
PUBLIC INDUSTRIAL SECTOR IN DEVELOPMENT, VIENNA, 1981
REPORT. (MEETING ON THE ROLE OF THE PUBLIC INDUSTRIAL SECTOR
IN DEVELOPMENT, 1981).

Vienna, 1981. 30 p.

UNIDO-ID/WG.343/1E

<UNIDO pub>. <Report> of a <meeting> regarding the role of
the <public sector> in <industrial development> - covers
(1) the conceptual basis of the public <industrial sector>
(2) goals, <industrial policy>s and <national plan>s of
<developing countries> and their impact on <public
enterprise> (3) comparative impact of public and <private
enterprise>s (4) <organizational aspects>, <institutional
framework> and <management> of public enterprises (5)
<planning>, interlinkages; <productivity> <evaluation>.
<Recommendations>, <list of participants>, <list of
documents>, <agenda>.

ENGL

14.40

11061

1982

HONTI GD

UNIDC

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982

ENERGY CONSERVATION IN AMMONIA PLANTS.

Vienna, 1982. 27 p. graphs, diagrams.

UNIDC-ID/WG.364/6

<UNIDO pub> on <energy saving> in <ammonia> plants -
covers: energetic aspects in a modern plant; energy
<recovery>; energy balance and opportunities for
conservation; steps to improving thermodynamic efficiency;
steam reforming <furnace>s; <carbon dioxide> removal;
compressors and drives; finding more efficient steam
reforming flowsheets; purge <gas> recovery; high
purification of synthesis gas; possibilities for
<developing countries>. Process <flow chart>s,
<statistics>, <bibliography>.

ENGL

35.30

11062

1981

ALTEKAR VA

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981

UNIDO'S TECHNICAL ASSISTANCE TO THE NATIONAL METALLURGICAL
LABORATORY JAMSHEDPUR.

Vienna, 1982. 15 p.

UNIDO-ID/WG.361/1

<UNIDO pub> on UNIDC assistance to a <metallurgy>
<laboratory> in <India> - covers (1) <technical
assistance> in support of <testing> and <research
programmes> to improve creep resistance in <steel>s used
for high pressure <boilers>, heat transfer tubes, steam
<turbines>, etc., "creep" being a special deformation
process occurring when <metals> are exposed to high
<temperature> and pressure simultaneously (2) services to
thermal <electric power station>s; estimation of residual
creep life of <component>s (3) test programme evolved by
Indian creep panel. Additional references: <maintenance
and repair>, <role of UNIDC>.

ENGL

36.10

11063

1981

KROUZEK JV

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH

AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981

MODERN MAINTENANCE SYSTEM ACTIVITIES.

Vienna, 1982. 43 p. diagrams.

UNIDO-ID/WG.361/2

<UNIDO pub> on effective <maintenance and repair> systems
for <metallurgical> industries - covers (1) <role of
UNIDO> <technical assistance> in maintenance for <iron and
steel industry> in <Czechoslovakia> (2) <organizational
aspects> and implementation of modern systems (3) benefits
of activities (4) <recommendations> flowing from
experience in relevant UNIDC <project implementation>.
<Diagram>s. Additional references: <management information
system>, <computer programmes>, <systems design>,
<training>.

ENGL

36.10

11064

1981

PATNAIK KP

VANGALA S

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH

AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981

FACILITIES AVAILABLE AND ACTIVITIES OF THE DEMONSTRATION
PLANT FOR THE PRODUCTION OF SPONGE IRON, KILTAGUDEM, ANHRA
PRADESH, INDIA.

Vienna, 1982. 27 p. tables

UNIDO-ID/WG.361/3

<UNIDO pub> on a demonstration <pilot plant> for producing
<sponge iron> in <India> - covers (1) <iron and steel
industry> (2) activities of the plant in <testing> various
combinations of <iron ore>s and <coal>s occurring in India
to establish the techno-economic feasibility of producing
sponge iron from lump iron ore and non-caking coal (3)
UNDP-UNIDO <technical assistance>; <project
implementation>; experience; <industrial services>
available. Additional references: <research>,
<laboratory>, <smelting>.

ENGL

36.10

11065

1981

CUECER D

UNIDC

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
UNIDO'S TECHNICAL ASSISTANCE TO THE MARMARA SCIENTIFIC AND
INDUSTRIAL RESEARCH INSTITUTE, TURKEY.

Vienna, 1982. 11 p.

UNIDO-ID/WG.361/4

<UNIDO pub> on assistance to an industrial <research
centre> in <Turkey> - covers (1) creation, objectives and
functions of the Marmara Scientific and Industrial
<Research> Institute (2) the materials research department
(3) <role of UNIDO> <technical assistance> programmes;
details of two projects in the field of <metallurgy>.

ENGL

02.10

11066

1981

EHATNAGAR PP

UNIDC

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
CENTRAL METALLURGICAL RESEARCH AND DEVELOPMENT INSTITUTES OF
EGYPT AND NIGERIA - A CASE STUDY.

Vienna, 1982. 17 p.

UNIDO-ID/WG.361/5

<UNIDO pub>. <Case study>s of establishment of
<metallurgy> <research centre>s in <Egypt> and <Nigeria> -
describes experience in executing these UNIDC assisted
projects, with attention to: <organizational aspects>,
linkage between <research> and industry; <planning> of
<research programmes>; <equipment>; <industrial services>
offered. Additional references: <technical assistance>,
<role of UNIDO>, <industrial study>s.

ENGL

36.10

11067

1981

CHANG XU SHIH

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
A BRIEF INTRODUCTION OF THE INSTITUTE OF METAL RESEARCH,
ACADEMIA SINICA, SHENYANG.

Vienna, 1982. 19 p.

UNIDO-ID/WG.361/6

<UNIDO pub> describing a <metallurgy> <research centre> in
<China> - covers (1) establishment in 1953; early
activities in support of <iron and steel industry>; later
<research programmes> for development of new materials;
<staffing> (2) basic applied <research> concerning
<metals>, <alloys>, <refractory materials>, <rare earths>,
metals fatigue, creep problems, <hydrogen> effects,
<corrosion>, etc. (3) processes and materials
<engineering>; <industrial services>; <seminars> (4)
<documentation> produced by the institute. <Bibliography>.

ENGL

36.10

11068

1981

CHANG XU SHIH

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
SCME METALLURGICAL RESEARCH AND DEVELOPMENT ACTIVITIES IN
CHINA.

Vienna, 1982. 8 p.

UNIDO-ID/WG.361/7

<UNIDO pub> on <research and development> regarding
<metallurgy> in <China> - covers (1) background, <mineral
resources>, reserves of <iron ore>; development of
metallurgical techniques and of <iron and steel industry>
(2) <research centres>, <institutional framework> and
<technical personnel> (3) <research programmes>
undertaken; activities in the fields of <furnace>
development, <smelting>, continuous <casting>, <energy>
efficiency, <heat treatment>, <metals> fatigue and stress
<corrosion>, etc. (4) prospects.

ENGL

36.10

11069 1981

EL SHERIF AAK

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
EGYPTIAN IRON AND STEEL COMPANY AND ACTIVITIES FOR RESEARCH
AND DEVELOPMENT OF THE PRODUCTION.

Vienna, 1982. 5 p.

UNIDO-ID/WG.361/E

<UNIDO pub> on <iron and steel industry> and related
<research and development> in <Egypt> - describes (1)
activities of the first integrated <steel> plant at
Helwan; main shops; <productivity> problems, causes and
suggested solutions (2) R&D activities; <cooperation>
between <industry and higher education>; <research
programmes>.

ENGL

36.10

11070 1981

HUSSEIN MK

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981

UNIDO'S ASSISTANCE TO THE METALS ADVISORY SERVICE PAKISTAN.

Vienna, 1982. 6 p.

UNIDO-ID/WG.361/S

<UNIDO pub> on UNIDO assistance in setting up a
<metallurgy> <research centre> in <Pakistan> - covers:
problems in setting up <iron and steel industry> and
achieving satisfactory <productivity> and quality of
products; <technical assistance> in establishing the
<Metals> Advisory Service in Lahore; experience of
<project implementation>; <research programmes>,
<technical personnel>, <documentation> division;
<industrial services> offered. Additional reference: <role
of UNIDO>.

ENGL

36.10

11071

1981

NASIM M

UNIDC

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
DEVELOPMENT OF CHEAPER CRYOGENIC STEELS AND HIGH STRENGTH
MARAGING STEELS.

Vienna, 1982. 10 p. tables, graphs, illus.

UNIDC-ID/WG.361/10

<UNIDC pub> on <research programmes> for development of
special <steels> - covers (1) attempts to substitute
<manganese> <alloys> for <nickel> in production of high
strength and cryogenic steels; problems of embrittlement
(2) study of the nature of such embrittlement in ferritic
iron-manganese alloys to determine methods of improving
their low-temperature toughness (3) the effect of thermal
cycling treatment. <Bibliography>, graphs, illustrations.
Additional references: <metallurgy>, <experiment>, <heat
treatment>.

ENGL

36.20

11072

1980

CATANA P

UNIDC

(R) PAKISTAN. ASSISTANCE TO THE NITROPHOSPHATE FERTILIZER
INDUSTRY. TERMINAL REPORT.

TS/PAK/80/001

Vienna, 1980. 37 p. tables.

UNIDO-UNIDO/IC.464

<UNIDO pub>. <Final report> regarding assistance to
<fertilizer industry> in <Pakistan> - covers: technical
proposals to improve quality of the nitrate-<phosphate>
fertilizer with high <water> solubility to fit <soil>
characteristics; crystallization, description of chemical
processes; <maintenance and repair> of <equipment>,
possible alternative solutions. <Recommendations>, tables,
<flow chart>s. Additional references: <calcium>,
<nitrogen>, <ammonia>, <carbon dioxide>, phosphate rocks.
<Restricted>.

ENGL

35.40

11073

1981

BASMAN MA

UNIDC

(R) INDIA. STRENGTHENING OF ENGINEERING DESIGN AND DEVELOPMENT OF CEMENT INDUSTRY. TERMINAL REPORT.

SI/IND/78/801

Vienna, 1981. 26 p. tables.

UNIDO-DP/ID/SER.B/318

<UNIDO pub>. <Final report> on assistance to <cement industry> in <India> - covers: <research and development> activities of a <cement> <research centre> (CRI); vertical-shaft <kiln> <pilot plant> for clinker production; visits to <factory>s; techno-economic feasibility of mini cement plants; <engineering design>; converting from wet to dry process technology. <Recommendations>, tables, <job description>. Additional reference: <refractory materials>. <Restricted>.

ENGL

33.20

11074

1981

KACJAN M

UNIDO

(R) BURUNDI. RAPPORT TECHNIQUE: ETUDE DE LA SITUATION ET ACTIVITES DANS LES DOMAINES DE LA CONSTRUCTION, DES AGRO-INDUSTRIES, DE L'EXTRACTION DE LA TOURBE ETC.

EP/BDI/77/006

Vienna, 1981. 27 p. table.

UNIDO-DP/ID/SER.A/318

<UNIDO pub>. <Expert report> on assistance to <industrial promotion> in <Burundi> - covers (1) objectives of <industrial development>, obstacles; <industrial policy>, also regarding <handicraft>s (2) potential of <building materials>, <bricks>, <cement>, <limestone>; <agro industry>s, <coffee>, <tea>, <grain processing>, <fruit>, <vegetables>, <meat> processing, <tanning>, <medicinal plants>; <pesticides>; <peat> extraction (3) <technical assistance>; <credits> for <small scale industry>; <role of UNIDO>. <Recommendations>, table. <Restricted>.

FREN

14.70

11075

1981

UNIDO

(R) ZAIRE. COMPLEXE INTEGRE DE TRANSFORMATION DU BOIS.
RAPPORT TECHNIQUE: MANDAT D'UNE ETUDE DE FAISABILITE.

DP/ZAI/80/009

Vienna, 1981. 24 p.

UNIDO-DP/ID/SER.A/324

<UNIDO pub>. <Expert report> on elements of a feasibility study for establishment of an integrated <wood processing> complex in <Zaire> - covers (1) <tropical timber> resources and their possible utilization; problems connected with <equipment>, <transport>, <infrastructure>; <tree species> for reforestation (2) <markets>, <transport economics>; <location of industry>; <wood products>, <wood wastes>, <particle board>, <charcoal> (3) <wood technology>, <factory organization>, <costs>; <manpower>, <training programmes>. <Recommendations>. <Restricted>.

FREN

32.10

11076

1981

GURESHI AA

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
CONTRIBUTIONS OF THE PAKISTAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH FOR MINERAL AND METAL INDUSTRY.

Vienna, 1982. 8 p.

UNIDO-ID/WG.361/11

<UNIDO pub> on <research programmes> serving <metallurgy> in <Pakistan> - covers (1) beneficiation of (a) Malakand <graphite> (b) low grade chromites (c) Nokkundi <iron ore> (d) indigenous low grade iron ores (2) development of metallurgical grades of magnetite, pyrite and Chalcocopyrite from Saindak <copper> <ores> (3) recovery of <iron>, <alumina> and <titanium> dioxide from Ziarat laterite.

Additional reference: <ore processing>.

ENGL

36.10

11077

1981

BAUTISTA JG

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
RESEARCH AND DEVELOPMENT ACTIVITIES OF THE METALS INDUSTRY
RESEARCH AND DEVELOPMENT CENTRE, PHILIPPINES.

Vienna, 1982. 12 p.

UNIDO-ID/WG.361/12

<UNIDO pub> on a <metallurgy> <research centre> in the
<Philippines> - covers: (1) the <Metals> Industry
<Research and Development> Centre in Manila (2) <research
programmes> conducted at various <laboratory>s; completed
and on-going projects (3) <research> done under <ASEAN >
<regional cooperation> (4) <management> aspects.
Additional references: <casting>, <alloys>, <heat
treatment>, metal finishing, <corrosion>, <soil>,
<foundry>, <metalworking industry>.

ENGL

36.10

11078

1981

KIM IS

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
METALLURGICAL RESEARCH AND DEVELOPMENT ACTIVITIES IN THE
REPUBLIC OF KOREA.

Vienna, 1982. 5 p.

UNIDO-ID/WG.361/13

<UNIDO pub> on <research and development> concerning
<metallurgy> in <Korea R> - covers (1) role of the Korea
Advanced Institute of <Science> and <Technology> and of
its metallurgical divisions in relevant industrial
<research> (2) available facilities; the <Foundry>
Technology Centre; contract research being done for
<metals> and <metalworking industry> (3) present trend in
<research programmes>.

ENGL

36.10

11079

1981

ABEYSIRI DT

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
METALLURGICAL RESEARCH AND DEVELOPMENT IN SRI LANKA.
Vienna, 1982. 3 p.

UNIDO-ID/WG.361/14

<UNIDO pub> on <research and development> in <metallurgy>
undertaken at the Ceylon Steel Corporation in <Sri Lanka> -
briefly outlines <research programmes> relating to: use of
<industrial wastes> from the <steel> plants; <welding>
<electrodes>; extraction of <cupper> from chalcopyrite
deposits found with magnetite <ores>; production of pig
<iron>; steel <casting>s. Additional reference: <pollution
control>.

ENGL

36.10

11080

1981

KAMPENPOOL S

SUKAPADDHI N

UNIDO

WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
METALLURGICAL RESEARCH AND DEVELOPMENT IN THAILAND.
Vienna, 1982. 14 p. tables.

UNIDO-ID/WG.361/15

<UNIDO pub> on <research and development> for <metallurgy>
in <Thailand> - covers (1) <iron and steel industry>;
<domestic consumption> and <demand> for <steel> products
(2) <forging> and <foundry> technology (3) metallurgical
<research centres>; <organizational aspects>, <research
programmes>; functions of a proposed special institute.

ENGL

36.10

11081 1981
KRISHNAMURTHI F
UNIDO
WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
A CENTRE FOR CO-OPERATIVE RESEARCH - WELDING RESEARCH
INSTITUTE.
Vienna, 1982. 12 p. illus.
UNIDO-ID/WG.361/16
<UNIDO pub> on a <welding> <research centre> in <India> -
covers (1) role of <research and development> in
<developing countries> (2) the Welding Research Institute
at Tiruchirapalli: concept; <technical assistance>
received; initial growth and further expansion; <research
programmes> (3) linkage and <cooperation>; sharing
<knowhow> with other developing countries. Illustrations.
Additional references: <metallurgy>, <role of UNIDO>.
ENGL
36.30

11082 1981
ABDUL AZIM AA
UNIDO
WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
CENTRAL METALLURGICAL RESEARCH AND DEVELOPMENT INSTITUTE,
EGYPT.
Vienna, 1982. 9 p.
UNIDO-ID/WG.361/17
<UNIDO pub> on a <metallurgy> <research centre> in <Egypt>
- covers (1) creation of the Central Metallurgical
<Research and Development> Institute: objectives;
<organizational aspects>; facilities, including
<laboratory>s, <pilot plant>s, documentation centre, etc.
(2) linkage with industry (3) specific <industrial
services>, <research programmes>, on-going sponsored
projects.
ENGL
36.10

11083

1982

MEHTA SS

UNIDO

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

BACKGROUND PAPER ON CREATION OF A TECHNOLOGICAL INFORMATION
EXCHANGE NETWORK FOR DEVELOPMENT FINANCE INSTITUTIONS.

Vienna, 1982. 35 p.

UNIDO-ID/WG.362/4

<UNIDO pub> on creation of a <technology> <information
exchange> network (<TIEN>) for the use of <development
banks (DFI) in <project evaluation> - covers (1) current
experience of DFIs in technological evaluation (2)
information needed for such evaluation (3) feasibility of
creating TIEN (4) selection of a few pilot sectors for
the TIEN (5) past <role of UNIDO> in promoting exchange of
information. <Recommendations>. Additional reference:
<financing>.

ENGL

24.30

11084

1982

ISSA C

UNIDO

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

COUNTRY BRIEF: EGYPT. (CREATION OF A TECHNOLOGICAL
INFORMATION EXCHANGE NETWORK, TIEN).

Vienna, 1982. 10 p.

UNIDO-ID/WG.362/3

<UNIDO pub> on <technology>cal <project evaluation> and
related <information exchange> in <Egypt> - covers (1)
<industrial development> <financing> activities (2)
experience with and methodology of evaluation (3) relevant
information required (4) proposals on the <role of UNIDO>
and possibilities of <TIEN> (5) the role of <development
banks in promotion of industrial development.

ENGL

24.30

11085 1982

RUBAMBE JC

UNIDO

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

COUNTRY BRIEF: TANZANIA. (CREATION OF A TECHNOLOGICAL
INFORMATION EXCHANGE NETWORK, TIEN).

Vienna, 1982. 9 p.

UNIDO-ID/WG.362/5

<UNIDO pub> on <technology>cal <project evaluation> and
related <information exchange> in <Tanzania> - covers (1)
<industrial development> <financing> activities (2)
current experiences and methodology of evaluation (3)
information required for technological evaluation of
<industrial projects>; existing gaps (4) outline proposals
for a <TIEN> (5) some suggestions.

ENGL

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11086 1982

KUNGURU MF

UNIDO

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

COUNTRY BRIEF: KENYA. (CREATION OF A TECHNOLOGICAL
INFORMATION EXCHANGE NETWORK, TIEN).

Vienna, 1982. 11 p.

UNIDO-ID/WG.362/6

<UNIDO pub> on <technology>cal <project evaluation> and
related <information exchange> in <Kenya> - covers (1)
industrial <development bank>'s <financing> activities (2)
experience in evaluating the technological contents of
<industrial projects> (3) information required for such
evaluation (4) possibilities of <TIEN> (5) improving
<choice of technology> for projects.

ENGL

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11087

1982

MEHTA SS

UNIDC

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IIFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

COUNTRY BRIEF: INDIA. (CREATION OF A TECHNOLOGICAL
INFORMATION EXCHANGE NETWORK, TIEN).

Vienna, 1982. 24 p.

UNIDO-ID/WG.362/1

<UNIDO pub> on <technology>cal <project evaluation> and
related <information exchange> in <India> - covers (1)
<financing> of <industrial development> activities;
<development bank>s and other <loan> sources (2)
evaluation of technological contents of <industrial
project>s; the appraisal process (3) information required,
existing gaps (4) proposals for creation and operation of
a <TIEN> (5) problems encountered in <technology
transfer>; checklist for technical appraisal.

ENGL

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11088

1982

CARUANA JC

UNIDC

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IIFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

COUNTRY BRIEF: MALTA. (CREATION OF A TECHNOLOGICAL
INFORMATION EXCHANGE NETWORK, TIEN).

Vienna, 1982. 8 p.

UNIDO-ID/WG.362/7

<UNIDO pub> on <technology>cal <project evaluation> and
related <information exchange> in <Malta> - covers (1)
<financing> of <industrial project>s; <banking> (2)
evaluating the technological contents of projects (3)
information required, existing gaps (4) proposals on
setting up a <TIEN>; method of operation. Additional
references: <choice of technology>, <role of UNIDO>.

ENGL

24.30

11089

1982

MBOWE GF

UNIDO

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

COUNTRY BRIEF: TANZANIA. (CREATION OF A TECHNOLOGICAL
INFORMATION EXCHANGE NETWORK, TIEN).

Vienna, 1982. 22 p.

UNIDO-ID/WG.362/8

<UNIDO pub> on <technology> development, industrial
<project evaluation> and <financing> in <Tanzania> -
covers: the <institutional framework> of development;
<public enterprise>s; <industrial project> financing;
reorganization of the <public sector>, including
<banking>; <technology policy>, and growth; <preinvestment
study>s and evaluation; need for technology <information
service>s including <TIEN>; uses of <INTIB>. Additional
references: <information exchange>, <credit policy>.

ENGL

24.30

11090

1981

ROSS DA

UNIDO

TECHNOLOGIES FOR INVESTIGATION AND EXPLOITATION OF SEA-BED
RESOURCES: THE POTENTIAL FOR DEVELOPING COUNTRIES.

Vienna, 1981. 119 p. tables, diagrams.

UNIDO-UNIDO/IS.257

<UNIDO pub> on <technology> for investigation, <mining>
and exploitation of <sea>bed <mineral resources> with
special reference to the potential for <developing
countries> - covers (1) potential seabed resources of the
continental margin: <hydrocarbons>, <coal>, <tin>, <iron>,
placers, <sand>, gravel, shells, <phosphate>s,
<manganese>, etc. (2) preliminary investigation and
detection (3) exploitation of the resource (4) value and
potential for ECs; <knowhow>, <choice of technology>,
<technology transfer>; conflicts and <cooperation>; <role
of UN>, <role of UNIDO>. <Statistics>, <diagrams>, <maps>,
<bibliography>.

ENGL

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11091

1982

ROMAN Z

UNIDC

RESEARCH SEMINAR ON STRUCTURAL CHANGES IN INDUSTRY IN
EUROPEAN CMEA COUNTRIES, BUDAPEST, 1982
INDUSTRIAL SPECIALIZATION IN CMEA COUNTRIES. SELECTED ISSUES.
Vienna, 1982. 109 p. tables.

UNIDC-ID/WG.357/4

<UNIDO pub> on <specialization> in the <industrial sector>
of the European <CMEA> countries (reference: <structural
change>) - covers (1) factors and constraints in
<industrial growth>: <employment>, <labour productivity>,
<capital>, <investment>, <energy>, <technology>,
<management> (2) specialization and the pattern of
production; intra-branch specialization (3) foreign
<trade> and specialization; trade with developed <market
economy>s and with <developing countries> (4) CMEA policy
and <regional cooperation>; national <industrial policy>s.
<Statistics>. Additional reference: <planned economy>s.

ENGL

14.60

11092

1982

GROSSER I

TUIZ G

UNIDC

RESEARCH SEMINAR ON STRUCTURAL CHANGES IN INDUSTRY IN
EUROPEAN CMEA COUNTRIES, BUDAPEST, 1982
STRUCTURAL CHANGE IN MANUFACTURING INDUSTRIES IN THE EUROPEAN
CMEA AREA AND PATTERNS OF TRADE IN MANUFACTURES BETWEEN
CMEA COUNTRIES AND DEVELOPING COUNTRIES.

Vienna, 1982. 177 p. tables, diagrams.

UNIDC-ID/WG.357/5

<UNIDC pub> on <structural change> in <manufacturing>
industries and the European <CMEA> area and patterns of
<trade> between <member states> and <developing countries>
- covers (1) structural change and growth in manufacturing
output and inputs (2) development of factor <productivity>
and the pattern of factor proportions by branches (3)
future perspectives of structural change (4) patterns of
trade in manufactures between CMEA countries and DCs.
<Statistics>, <bibliography>. Additional references:
<specialization>, <employment>, <investment>, <industrial
growth>, <planned economy>s, <international division of
labour>.

ENGL

14.60

11093

1981

RUKULSKI M

OLENSKI J

UNIDC

RESEARCH SEMINAR ON STRUCTURAL CHANGES IN INDUSTRY IN
EUROPEAN CMEA COUNTRIES, BUDAPEST, 1982
STRUCTURAL CHANGES IN THE POLISH INDUSTRY.

Vienna, 1981. 64 p. tables.

UNIDC-ID/WG.387/2

<UNIDC pub> on <structural change>s in the <industrial
sector> of <Poland>, with special reference to
implications for <international division of labour> and
the <developing countries> - covers (1) structural changes
in the <national economy> up to 1970 (2) changes of
industrial structure 1970-80 as a factor in Polish foreign
<trade policy> (3) structural changes of foreign <trade>;
<cooperation> with the DCs (4) optimization of the
internal structure of Polish industry, with reference to
present <economic conditions>. <Statistics>,
<bibliography>. Additional references: <planned economy>,
<CMEA>.

ENGL

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11094

1982

UNIDO

INSTRUCTIONS AND GUIDELINES FOR THE SELF-EVALUATION OF UNIDO-
EXECUTED TECHNICAL CO-OPERATION FIELD PROJECTS. VOLUME I.

Vienna, 1982. 79 p. diagram.

UNIDO-UNIDO/PC.31

<UNIDO pub>. <Handbook> for purpose of <UNIDC> field
<project evaluation> - covers (1) purposes of guidelines
(2) preconditions for effective evaluation (3) conducting
the evaluation: concepts and methodology (4) reporting
requirements: the evaluation report (5) new <UNDP>
requirements for tripartite reviews and evaluations.
<Questionnaire>s, <glossary>, forms. Additional
references: <project design>, <technical assistance>.

ENGL

14.80

11095

1981

HEDEN CG

UNIDO

THE POTENTIAL IMPACT OF MICROBIOLOGY ON DEVELOPING COUNTRIES.
- L'IMPACT POTENTIEL DE LA MICROBIOLOGIE SUR LES PAYS EN
DEVELOPPEMENT.

Vienna, 1981. 66 p.

UNIDO-UNIDO/IS.261

<UNIDO pub> on the impact of <microbiology> on <developing countries> - covers (1) the background for <decision making> (2) bio<informatics> as a stimulus for <innovations> (3) the impact on human settlements of the interface between communication <technology> and bio<engineering> (4) <fuel>, <fertilizer>, <food> and <feed production>, <health> (5) <fermentation> industry and <biotechnology>: opportunities and pitfalls (6) the need for <government policy>s on bioresources in DCs. Additional references: <rural development>, <biomass>, <biogas>, <alcohol>, <energy conservation>, <microorganisms>, <pharmaceuticals>, <single cell protein>, <enzymes>.

ENGL FREN

35.50

11096

1981

FUSAIN A

UNIDO

(R) STUDIES ON MEDICINAL AND AROMATIC PLANTS IN KENYA.
TERMINAL REPORT.

IP/KEN/74/007

Vienna, 1981. 112 p. tables, diagrams.

UNIDO-DP/ID/SER.E/323

<UNIDO pub>. <Final report> on aromatic and <medicinal plants> growing in <Kenya> (reference: <essential oils>) - covers (1) method of study (2) existing <raw materials>: medicinal, aromatic and paramedicinal plants (3) requirements of raw materials by indigenous <pharmaceutical industry> and <perfumes> industry (4) plants which can be cultivated in Kenya (5) research and development. <Recommendations>, <bibliography>. Additional references: <economic aspects>, <demand>, <cosmetics>, <flavourings>. <Restricted>.

ENGL

31.10

11097

1982

NAWAZ AS

UNIDC

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982

FUTURE TRENDS IN AMMONIA TECHNOLOGY.

Vienna, 1982. 12 p. table.

UNIDO-ID/WG.364/7

<UNIDO pub> on prospects in development of <ammonia>
technology - covers (1) historical aspects and current
status (dealing only with <steam> reforming processes) (2)
improvements (a) in classical ammonia technology for the
near and more distant future (b) in non-classical
technology (3) <advanced skills and technology>,
<innovation>s: <nitrogen> fixing crops; ammonia from
<enzymes>; new chemical approaches; the ultimate
<biochemistry> process. <Bibliography>.

ENGL

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11098

1982

GUPTA DP

UNIDC

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

COUNTRY BRIEF: MAURITIUS. (CREATION OF A TECHNOLOGICAL
INFORMATION EXCHANGE NETWORK, TIEN).

Vienna, 1982. 12 p.

UNIDC-ID/WG.362/2

<UNIDO pub> on <technological> <project evaluation> and
related <information exchange> in <Mauritius> - covers (1)
<financing> of <industrial development> (2) experience in
technological evaluation of <industrial projects> (3)
information required for such evaluation; existing gaps
(4) outline proposal for a <TIEN> (5) other suggestions
relevant to project evaluation and development and <choice
of technology>. Additional reference: <development banks>.

ENGL

24.30

11099

1981

AMIO EC

UNIDO

EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), FORFRIDECCM
EXPERIENCE.

Vienna, 1982. 8 p.

UNIDC-ID/WG.350/9

<UNIDO pub> on experience of a <wood processing> <research
centre> in the <Philippines> with UNIDC sponsored
<industrial services> delivery system (TSDS) - covers (1)
background (2) services of the <Technology> Resource
Institutions FORFRIDECCM in the field of <research>,
<training> and <technology transfer> (3) <role of UNIDO>
in TSDS <project implementation>; <methodology> (4)
<common services> facilities. Additional references:
<training programmes>, <financing>, <forest products>,
<wood technology>.

ENGL

24.30

11100

1982

UNIDO

CONFERENCE OF DIRECTORS OF SOCIAL SCIENCE RESEARCH INSTITUTES
AND POLICY MAKERS, ADDIS ABABA, 1982
THE CHANGING ROLE OF MANUFACTURING IN AFRICAN ECONOMIC
DEVELOPMENT: TRENDS, PROSPECTS AND ISSUES.

Vienna, 1982. 21 p. tables.

UNIDC-UNIDO/IS.287

<UNIDO pub> on the changing role of <manufacturing> in
<economic development> in <Africa> - (1) analyses the
situation of <industrialization> at beginning of the
<third development decade> (2) development of the sector,
1970-80 (3) unbalanced <economic growth>: linkages and non-
linkages between manufacturing and general economic
development (4) indicated reforms of <economic policy>.
<Statistics>. Additional references: <value added>, <gross
domestic product>, <industrial growth>, <public sector>,
<investment policy>.

ENGL

21.20

11101 1982
BLACKLEDGE JP
UNIDO
PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IIFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982
TECHNOLOGICAL CHOICE AND INFORMATION SOURCES FOR DEVELOPMENT
FINANCE INSTITUTIONS.

Vienna, 1982. 16 p.

UNIDO-ID/WG.362/9

<UNIDO pub> on <choice of technology> and <information
services> for <financing> institutions - covers (1)
observations on technological choice: <technology
transfer> and related information; technological choice
profile (2) sources for <technology> assessment:
industrial <research> and service institutes; the role of
IRSI in technology transfer; IRSI co-operative
agreements; examples; <engineering> <consulting> firms (3)
acquisition and dissemination of <industrial information>;
<industrial extension> agents. Additional reference:
<TIEN>.

ENGL
24.30

11102 1981
FAC PH
UNILC
(R) ETHIOPIA. TECHNICAL REPORT: STUDY ON THE DEVELOPMENT OF
AN INDUSTRY FOR TANNING MATERIALS AND CHEMICALS.

DP/ETH/78/001

Vienna, 1981. 43 p. tables.

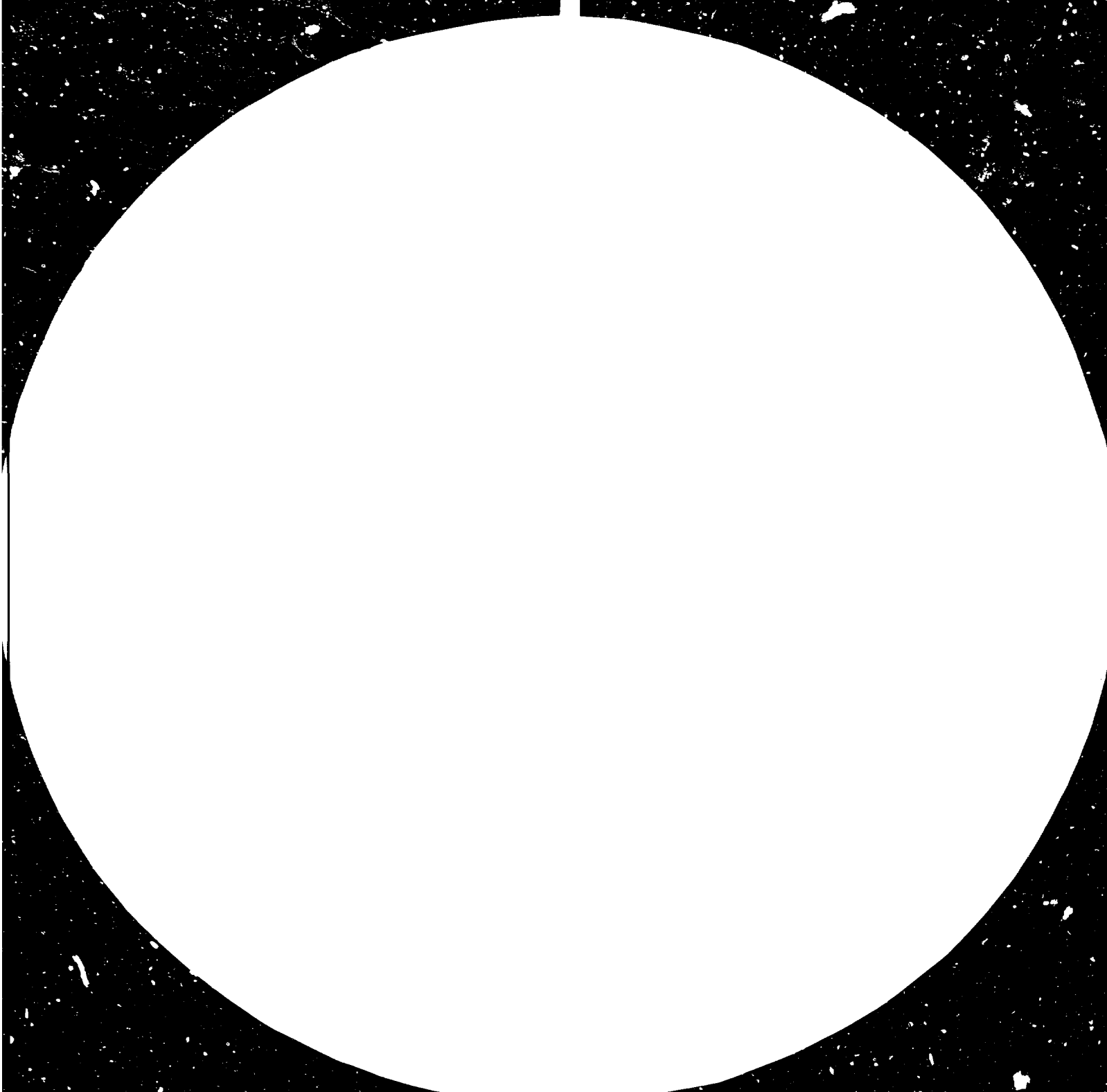
UNIDO-DP/ID/SER.A/328

<UNIDO pub>. <Expert report> on development of <leather
industry> in <Ethiopia> (reference: <training>,
<chemicals>) - covers (1) <hides and skins> processed
locally to various stages (2) requirements of chemicals
for tanneries and their potential <domestic production>;
availability of vegetable <tanning> extracts from trees
and of fat liquors (3) training needs (4) <capital
investment> needed for production of chemicals: buildings,
<equipment>, <machinery>; <standardization>.
<Recommendations>, tables, <flow charts>, <jcb
description>. Additional reference: <tannin>. <Restricted>.

ENGL
32.40

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22

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11103

1981

CARCAEELGS JF

UNIDC

(R) COLOMBIA. ASISTENCIA TECNICA INTEGRAL PARA LA PEQUENA Y
MEDIANA INDUSTRIA. (FORTALECIMIENTO DE LA COOPERACION
FINANCIERA POPULAR). INFORME FINAL.

DP/COL/76/020

Vienna, 1981. 29 p. tables.

UNIDC-DP/ID/SER.B/322

<UNIDO pub>. <Final report> on assistance to a
<development bank> for <financing> <small scale industry>
in <Colombia> - covers (1) <training> of analysis;
<project evaluation>, <management> training, <seminar>s on
<marketing> (2) organization of <industrial estate>s,
promotion of <cooperative>s; <financial aspects>, <project
document>s. <Job description>, <recommendations>.
<Restricted>.

SPAN

21.40

11104

1981

ECECK HC

UNIDO

(R) CAP-VERT. RAPPORT TECHNIQUE: MINICEMENTERIE D'UNE
CAPACITE DE 600.000 TONNES PAR AN ET COMPREHENSION.

FF/CVI/80/001

Vienna, 1981. 26 p. tables, diagram.

UNIDC-DP/ID/SER.A/302

<UNIDO pub>. <Expert report> on assistance in planning for
establishment of a small <cement industry> in <Cape Verde>
- covers (1) technology of the cement industry; <capital
costs>, <financial aspects>, commercial aspects (2)
available <raw material>s; <pozzolans>, <gypsum>, <stone>;
production and <domestic consumption>, possibility of
<export>. <Recommendations>, tables, <diagram>.
<Restricted>.

FREN

33.20

11105

1981

MARABINI A

UNIDC

(R) MALAWI. TECHNICAL REPORT: ASSESSMENT OF ANALYTICAL
CHEMICAL METHODS APPLIED IN NON-METALLIC MINERAL TESTING.

DP/MLW/78/003

Vienna, 1981. 48 p. tables, diagram.

UNIDO-DP/ID/SER.A/320

<UNIDO pub>. <Expert report> on assistance to a <testing>
<laboratory> for <nonmetallic minerals> in <Malawi> -
covers: needs in areas of <chemical analysis>; <skills> of
<staff>; methods, laboratory apparatus, <equipment> and
<instruments>; description of analytical methods for
commonly analysed constituents; analysis of siliceous
materials by atomic absorption spectrophotometry.
<Recommendations>, tables, <diagram>. Additional
references: <bricks>, <ceramics>, <silicate>. <Restricted>.

ENGL

35.30

11106

1981

TERRINGTON D

UNIDC

(R) INDIA. DEVELOPMENT OF THE HOSIERY KNITWEAR INDUSTRY,
LUDHIANA (PUNJAB). TERMINAL REPORT.

DP/IND/73/021

Vienna, 1981. 46 p. tables, diagrams.

UNIDO-DP/ID/SER.B/317

<UNIDO pub>. <Final report> on assistance to a <textile
industry> in <India> (reference: <knitting>) - covers (1)
<dyeing>, <bleaching>, <spinning>, knitting, <textile
finishing> of <yarns>; <quality control> <laboratory>,
<product design> (2) <technology transfer>, <testing>,
<training programmes>, organization of literary and
seminars; <marketing> surveys, problems of <power supply>;
<fellowships> awarded; <maintenance and repair> of
<equipment>. <Recommendations>, tables, <flow charts>.
Additional references: <hosiery>, <small scale industry>.
<Restricted>.

ENGL

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11107

1976

THOMAS CT

UNIDC

EXPERT GROUP MEETING ON INSTITUTIONAL INFRASTRUCTURE FOR INDUSTRIAL DEVELOPMENT IN THE LEAST DEVELOPED AFRICAN COUNTRIES, ARUSHA, TANZANIA, 1978
INSTITUTIONAL REQUIREMENTS FOR INDUSTRIALIZATION OF RURAL AREAS.

Vienna, 1979. 40 p. tables.

UNIDC-ID/WG.280/11

<UNIDO pub> on the <institutional framework> for promotion of <rural industry> - covers (1) interrelation of <industrialization>, <social aspects> and <economic structure>; types of <rural industry>s (2) areas requiring development: <handicraft>s, <infrastructure>, <planning>, <financing>, <knowhow>, <workshop>s, <training>, <research>, <feasibility study>s, <entrepreneurship>, <quality control>, <marketing> (3) the case of <Tanzania>, <Kenya>, <Botswana> (4) guidelines for integrated approach. Additional references: <small scale industry>, <appropriate technology>, <technical assistance>, <incentives>. <Recommendations>, tables.

ENGL

21.40

11108

1981

LE GROOTE P

UNIDC

(R) SAO TOME AND PRINCIPE. PRIORITIES AND CRITERIA FOR THE ESTABLISHMENT OF A MAINTENANCE NETWORK. FINAL REPORT ON THE ELECTRONIC SECTOR.

- (R) SANTO TOME Y PRINCIPE. PRIORIDADES Y CRITERIOS PARA EL ESTABLECIMIENTO DE UNA RED DE MANTENIMIENTO. INFORME FINAL SOBRE EL SECTOR ELECTRICO.

SI/STP/81/801

Vienna, 1981. 126 p. tables, graphs, diagrams.

UNIDC-DP/ID/SER.B/321

<UNIDO pub>. <Final report> on assistance to establishment of <maintenance and repair> services for <electrical equipment> in factories in <Sao Tome and Principe> - covers (1) survey of <factory>s and <workshop>s; analysis and evaluation (2) requirements for reliable electrical maintenance (3) proposed measures regarding <technical assistance>, <tools>, mobile workshop, documentation, <spare parts>, <training> (4) setting up a logistical base. <Recommendations>, tables, <diagram>s, <equipment> <specifications>. <Restricted>.

ENGL SPAN

25.20

11109
ARIFF M
UNIDO

1982

THE DEVELOPMENT OF THE ASEAN INDUSTRIAL PROJECTS (AIP'S).
STUDIES ON REGIONAL CO-OPERATION IN THE FIELD OF INDUSTRY.
Vienna, 1982. 87 p.
UNIDO-UNIDO/IS.281

<UNIDO pub>. Study on <ASEAN> <industrial project>s (AIPs) (reference: <regional cooperation>) - covers (1) concept and potential for AIPs (2) <trade> and <industrialization policy>s of <member states> <Indonesia>, <Malaysia>, <Philippines>, <Singapore> and <Thailand>; <trends in ASEAN manufactures (3) the ASEAN <institutional framework> and mechanisms for AIPs; project experience concerning <urea>, rock <salt> <fertilizer>, <diesel engines>, <tires>, <machine tools>, <newsprint>, <tin plate>s, colour TV <electronic tubes>, <potash> and <fishery> (4) problems and prospects. Additional references: <manufacturing>, <market>.

ENGL
15.20

11110
PATERNO VT
UNIDO

1982

ASEAN INDUSTRIAL COMPLEMENTATION. STUDIES ON REGIONAL CO-OPERATION IN THE FIELD OF INDUSTRY.
Vienna, 1982. 154 p. tables, diagrams.
UNIDO-UNIDO/IS.282

<UNIDO pub>. Study of <ASEAN> <regional cooperation> through complementary <industrial project>s - covers (1) need for industrial complementation in ASEAN (AIC); <institutional framework> and mechanisms (2) complementation projects for new products and proposals for existing products (3) the potential for AIC programmes: <motor vehicle industry>, <electrical industry> and <electronics industry>, light <machinery>, <steel> and other <metals>, <pulp and paper industry>, <chemicals>, <glass>, <rubber> products, <food industry>, <textile industry> (4) major constraints to increased co-operation (5) general outlook and <recommendations> for future activities. <Diagrams>.

ENGL
15.20

11111 1982
UNIDO
BOARD OF THE CARTAGENA AGREEMENT
A BASIC TECHNOLOGICAL DISAGGREGATION MODEL: (I) THE
PETROCHEMICAL INDUSTRY.
Vienna, 1982. 248 p. tables, diagram.
UNIDO-UNIDO/IS.283

<UNIDO pub> containing a <technology> disaggregation model
(BTDM) applicable to <industrial projects> in the
<petrochemical industry>, with special reference to
experience of the <Andean Group> - covers (1) concept of
disaggregation of "unbundling" of the technology package,
explained as being central to the <choice of technology>,
to suitable contracting for <technology transfer>, and to
the development and use of domestic <manufacturing> and
<skills> (2) bases for a subregional <technology policy>
(3) general aspects and <methodology> of the BTDM (4) BTDM
<handbook> for the <project implementation> phase. Tables,
<definitions>, <glossary>, production <flow chart>.
Additional references: <regional cooperation>, <TCDC>,
<manufacturing>.

ENGL
35.10

11112 1982
DAVID A
UNIDO
(R) ETABLISSEMENT D'UN CENTRE D'INFORMATION INDUSTRIELLE EN
ANGCLA. ETUDE DE FAISABILITE.
DP/ANG/80/011
Vienna, 1982. 57 p. tables.

::::
<UNIDO pub>. <Final report> on assistance in establishment
of an industrial <informatics centre> in <Angcla> - covers
(1) feasibility of creating such a centre as an aid to
<industrial development> (2) <industrial information>
<needs> (3) types of <information services> to be offered;
means of dissemination (4) working methods; <information
processing>, <indexing>, <documentation>, <data
collecting> (5) <training>, <staff>, localities; the
<institutional framework> (6) <project implementation>.
<Recommendations>, tables. <Restricted>.

FREN
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11113

1982

UNIDO

JAAKKO FOYRY, HELSINKI

(R) PHILIPPINES. FEASIBILITY STUDY FOR THE EXPANSION OF A
DOOR AND FURNITURE FACTORY FOR VINTAWOOD PRODUCTS INC.

US/RAS/79/254

Vienna, 1982. 1 vol. (various pagings). tables, diagrams.

::::

<UNIDO pub>. <final report> on the feasibility of
expanding a factory producing doors and <furniture> in the
<Philippines> (reference: <wood products>) - covers (1)
<market> prospects (2) products and <product development>
(3) <raw material>: <wood>s, <adhesives> and <packaging>
(4) <factory>: process; <utilities> required; <site
assessment>, <staff>, <maintenance and repair> (5)
<investment> needs, <capital costs>: <profitability>,
project <financing>. <Statistics>, <diagram>s, <factory
layout>. Additional references: <training>, <standards>,
<incentives>, <housing>. <Restricted>.

ENGL

32.20

11114

1981

UNIDO

TECHNICAL CRITERIA FOR THE SELECTION OF WOODWORKING MACHINES.

Vienna, 1981. VIII, 359 p. tables, diagrams, illus.

UNIDC-ID/247

<UNIDO pub> on <wood technology> - (1) considers technical
criteria for choice of <wood processing> <machinery> (2)
includes 19 lectures prepared for relevant <UNIDO>
<meeting>s held at Milan in 1976 and 1978. For details of
papers see abstracts 05000, 08017-08023, 08126, 08127,
08153, 08404, 08664-08668, 08953, 08954. <Glossary>,
<statistics>, <diagram>s, illustrations.

ENGL

32.10

11115 1981
UNIDC
DIRECTORY OF INDUSTRIAL AND TECHNOLOGICAL RESEARCH INSTITUTES.
Vienna, 1982. 98 p.
UNIDO-UNIDO/IS.275
 <UNIDO pub>. <Directory> of industrial and technological
 <research centres> - contains information on 250
 institutes, indicating areas of interest, projects, etc.
 Additional references: industrial <research>, <research
 programmes>, <technology>.
ENGL
C2.10

11116 1981
UNIDC
BOOKER AGRICULTURE
TROPICAL PRODUCTS INSTITUTE, LONDON
(R) MAURITIUS SUGARCANE BY-PRODUCTS STUDY.
DP/MAR/79/002
Vienna, 1981. 3 vol. (various pagings). tables, maps.
:::
 <UNIDC pub>. <Final report> on <development potential> and
 use of <sugar cane> <by products> in <Mauritius> - covers
 (1) present role of <sugar industry>; <agricultural
 wastes>; by-products' utilization (2) technical options
 available: use of <fly ash>, <molasses>, <bagasse>,
 <protein> (3) <market> analysis (4) <industrial project>
 proposals and <costs>; benefits. <Maps>, <statistics>.
 Additional references: <livestock>, <feed production>,
 <fermentation>, <alcohol>, <yeast>, <ethanol>, <energy>,
 <natural fibres>, <chemicals>. <Restricted>.
ENGL
31.10

11117

1982

UNIDO

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

SOME CONSIDERATIONS ON THE POSSIBILITIES AND FEASIBILITY OF
ESTABLISHMENT OF THE TECHNOLOGICAL INFORMATION EXCHANGE
NETWORK (TIEN) FOR THE USE BY THE INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI).

Vienna, 1982. 11 p. diagram.

UNIDO-ID/WG.3E2/10

<UNIDO pub> on the feasibility of setting up a
<technology> <information exchange> network (<TIEN>)
for use by <development bank>s (IDFI) in <project
evaluation> - covers (1) scope of information required for
the IDFI (2) sources of supply (3) Technological
Information Exchange Network; locus operandi of TIEN (4)
some considerations as to scope and <organizational
aspects>. <Diagram>. Additional references: <industrial
information>, <financing>, <INTIE>.

ENGL

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1982

UNIDO

PREPARATORY MEETING OF DIRECTORS OF INDUSTRIAL DEVELOPMENT
FINANCE INSTITUTIONS (IDFI) ON THE CREATION OF A
TECHNOLOGICAL INFORMATION EXCHANGE NETWORK (TIEN),
BRIDGETOWN, BARBADOS, 1982

BACKGROUND PAPER: ISSUES TO BE DISCUSSED FOR THE
ESTABLISHMENT OF TIEN; PAST EXPERIENCE OF UNIDO; THE
INDUSTRIAL AND TECHNOLOGICAL INFORMATION BANK (INTIE).

Vienna, 1982. 32 p.

UNIDO-ID/WG.3E2/11

<UNIDO pub> on issues involved in establishment of a
<technology> <information exchange> network (<TIEN>) and
on the role of <INTIB> (reference: <development bank>s) -
covers (1) extending the network functions of INTIB and
<TIEN>; <cooperation> on technological information
exchange among <financing> institutes as an aid to
<project evaluation> especially in development of <small
scale industry> (2) financing such a scheme (3) an
<information system> based on <electronic data processing>
(4) background and functioning of INTIE in <choice of
technology>. <List of participants> at a relevant <UNIDO>
<meeting> in 1976.

ENGL

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1982

WINTERS D

UNIDO

(R) LEATHER AND LEATHER PRODUCTS DEVELOPMENT. ETHIOPIA.
TECHNICAL REPORT: TANNERY EFFLUENTS.

DP/ETH/78/001

Vienna, 1982. 8 p. diagram.

UNIDC-DP/ID/SER.A/324

<UNIDO pub>. <Expert report> regarding problems of
<effluent treatment> at <tanning> establishments in
<Ethiopia> - covers (1) investigation conditions in
<leather industry> after related study tour through four
countries (2) <appropriate technology> for coping with
effluent (3) <pollution control> and <recycling> of sludge
(4) <pilot plant> design and bench trials (6) use of
effluent plant at Ethiopian Tannery S.C. <Flow chart>,
<specifications>. <Restricted>.

ENGL

32.40

11120

1981

ERNST D

UNIDC

RESTRUCTURING WORLD INDUSTRY IN A PERIOD OF CRISIS - THE ROLE
OF INNOVATION. AN ANALYSIS OF RECENT DEVELOPMENTS IN THE
SEMICONDUCTOR INDUSTRY.

Vienna, 1981. 383 p. tables, graphs.

UNIDO-UNIDO/IS.285

<UNIDO pub> on <structural change>s in world <industry>,
with special reference to the <electronics industry>
(semiconductors, <integrated circuits>) - covers (1)
<innovation> and industrial restructuring (2) the crisis
of semiconductor manufacturing; innovation and changing
<economic aspects> (3) the <computer> software sector (4)
interaction between recent <technology> breakthroughs and
industrial restructuring (5) implications for <location of
industry>, <industrial redeployment> and international
<technology transfer> (6) some tentative conclusions.
<Statistics>, extensive <bibliography>. Additional
references: <electronic data processing>, <automation>.

ENGL

38.10

11121 1981
VIDOSSICH F
UNIDO
(R) UN DIAGNOSTIC ET UNE STRATEGIE POUR LE GROUPE
D'ENTREPRISES DE EN METAL. ALGERIE. RAFFCFT DE MISSION.
TF/ALG/81/001
Vienna, 1981. 137 p. tables.
UNIDC-UNIDO/ID.468

<UNIDO pub>. <Expert report> on development of <metal products> and <machinery industry> in <Algeria> - (1) analyses the principal technological factors affecting <product mix> and production at a group of <industrial enterprise>s, in order to allow for effective <industrial programming> (2) covers (a) present state of the <factory>s concerned; complexity of products; <infrastructure> (b) domestic <demand> for <equipment> (c) the stages of <industrialization> (d) <planning>; options and opportunities. Tables. Additional references: <training>, <choice of technology>, <industry profile>s. <Restricted>.

FREN
36.40

11122 1981
KASHIWAGI
GATO
SUZUKI
UNIDO
(R) ESTABLISHMENT OF A CONDOM FACTORY, TURKEY. TECHNICAL
REPORT: MANUFACTURE AND DISTRIBUTION OF CONDOMS.
PF/TUR/80/001
Vienna, 1981. 110 p. tables, diagrams, flow charts.
UNIDC-DP/ID/SER.A/329

<UNIDO pub>. <Expert report> on production of natural <rubber> <latex> <contraceptives> in <Turkey> - covers (1) <population>: background and problems; possible causes of population increase (2) <family planning> in Turkey (3) condom manufacturing (4) feasibility of building a <factory>; estimated <capital costs> and <production costs>; location, <site assessment>; required <equipment> (6) production process; <industry profile>, etc. <Statistics>, <flow chart>s. Additional references: <health service>. <Restricted>.

ENGL
35.60

11123 1981
GARCIA VV
UNIDO
EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEMS (TSDS), MANILA, 1981
PHILIPPINES. TECHNOLOGY RESOURCE INSTITUTION (TRI)
EXPERIENCES (I).
Vienna, 1982. 12 p.
UNIDC-ID/WG.350/3
<UNIDO pub> on experience of a <technological institute>
specializing in <food technology> in the <Philippines> -
covers (1) establishment and growth of a university
department of <food> <science> and technology (Los Bancos);
functions, <organizational aspects> (2) instruction and
<research programmes> (3) <industrial extension> and
<technical assistance> to <small scale industry>. <Staff>
list. Additional references: <microbiology>,
<biochemistry>, <laboratory>s, <industrial services>.
ENGL
31.40

11124 1981
ACEVEDO T
UNIDO
EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEMS (TSDS), MANILA, 1981
PHILIPPINES. TECHNOLOGY RESOURCE INSTITUTION (TRI)
EXPERIENCES (II).
Vienna, 1982. 5 p.
UNIDC-ID/WG.350/4
<UNIDO pub> on a <food technology> <research centre> in
the <Philippines> - covers (1) background (2) objectives
of the product research assistance projects (3)
<methodology> and implementation of <research programmes>;
<financing> (4) <industrial services> rendered to <food
industry>, including <small scale industry>.
ENGL
31.40

11125 1982
UNIDO
COUNTRY INDUSTRIAL DEVELOPMENT BRIEF: DEMOCRATIC PEOPLE'S
REPUBLIC OF KOREA.
Vienna, 1982. 25 p. tables, map.
UNIDO-UNIDO/IS.290
<UNIDO pub> on <industrial development> in <Korea DPR> -
covers (1) the <rational economy> (2) <mineral resources>,
<coal>, etc. for <industrialization> (3) structure and
performance of the <manufacturing> sector (4) main
constraints (5) <industrial planning>, strategies and
<industrialization policy> (6) foreign <trade> and
<foreign aid>. <Statistics>, <maps>.
ENGL
14.60

11126 1982
DULANTO ALFARO H
UNIDO
INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BOMBAY, 1982
THE SITUATION OF THE SYNTHETIC FIBRE INDUSTRY IN PERU.
Vienna, 1982. 7 p.
UNIDO-ID/WG.366/1
<UNIDO pub> on <synthetic fibres> industry in <Peru> -
covers (1) Peruvian <textile industry> (2) <production
capacity> (3) <raw material>: production, <consumption>
(4) <domestic market> (5) <demand>. Additional references:
<development potential>, <spinning>, <weaving>.
ENGL
32.30

11127 1982
JARAMILLO LG
UNIDO
INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BOMBAY, 1982
THE SITUATION OF THE SYNTHETIC FIBRE INDUSTRY IN COLOMBIA.
Vienna, 1982. 19 p. tables, graphs.
UNIDO-ID/WG.366/2
<UNIDO pub> on <synthetic fibres> industry in <Colombia> -
covers (1) <textiles> <domestic consumption> (2)
production of synthetic fibres (3) present <technology>
status; plans for the future (4) <domestic market>
conditions and <prices>. <Statistics>. Additional
references: <cotton>, <polyester>.
ENGL
32.30

11128

1981

UNIDC

THE IMPACT OF GENETIC ENGINEERING ON INDUSTRY.

Vienna, 1981. 33 p.

UNIDO-UNIDO/IS.269

<UNIDO pub> on the impact of <genetic engineering> on <industry> - covers (1) <fermentation> <technology>s (2) the <pharmaceutical industry> (3) the <chemical industry> (4) the <food industry> (5) mineral leaching and <recovery> (application in <ores> <mining>); (6) <petroleum> recovery (7) <pollution control> (8) <commercialization> of genetically engineered strains. Additional references: <biotechnology>, <fertilizer>s, polymers, <pesticides>, <single cell protein>, <enzymes>, <metals>.

ENGL

35.50

11129

1982

UNIDO

WORKING GROUP MEETING ON THE LONG-TERM CONTRACTS FOR PURCHASE/SUPPLY OF IRON ORE AND COKING COAL, BRATISLAVA, 1982

DISCUSSION PAPER. (MEETING ON CONTRACTS FOR SUPPLY OF IRON ORE AND COKING COAL, 1982).

Vienna, 1982. 10 p. tables.

UNIDO-ID/WG.360/3

<UNIDO pub> identifying issues for a <meeting> on supply of <iron ore> and coking <coal> - covers (1) questions of <long term> <supply and demand>, <purchasing> and relevant <contracting> (2) reserves of iron ore and coal; <imports> by main importing countries (3) problems for <developing countries>; advantages of a multipurpose contract. <Statistics>.

ENGL

36.20

11130 1981
IECCN DH
UNIDO
(R) CHINA. TECHNICAL REPORT. ASSISTANCE TO THE DIAMOND MINING
INDUSTRY - CONVERSION FROM OPEN PIT TO UNDERGROUND
OPERATION FOR THE N. 701 MINE.
DP/CPR/79/019
Vienna, 1981. 34 p. diagrams.
UNIDO-DP/ID/SER.A/337
<UNIDO pub>. <Expert report> on assistance to <diamonds>
<mining> operations in <China> - covers (1) underground
mine draft design; selection of mining method; overall
design; schedule of operations (2) dike mining problems
(3) lectures on diamond mining (4) observations on mine
operations. <Recommendations>, <diagram>s. Additional
references: <choice of technology>, <industrial safety>.
<Restricted>.
ENGL CHIN
40.10

11131 1981
ZOGRAPHOS M
UNIDO
(R) CHINA. TECHNICAL REPORT: THE CEMENT INDUSTRY AND
POSSIBILITIES FOR THE APPLICATION OF AUTOMATIC CONTROL.
DP/CPR/80/010
Vienna, 1981. 21 p. table.
UNIDO-DP/ID/SER.A/338
<UNIDO pub>. <Expert report> on application of <automatic
control> in <cement industry> in <China> - covers (1)
technical and <administrative aspects> of automatic
control at the <building materials> <research centre> at
Guanzhuang (2) lectures given reviewing classical and
modern control theories, optimization methods and
sensitivity analysis, industrial application, and stages
of <mechanization> and <automation> (3) conditions at two
cement plants (4) <raw material>s, <conveying machinery>,
<kiln>s, <pollution control>, <training>, <electric
power>; <equipment> needs. <Recommendations>, <diagram>.
ENGL
25.40

11132

1982

KHESE W

UNIDC

(R) BANGLADESH. TECHNICAL REVIEW OF THE SOLVENT EXTRACTION PLANT OF THE AL MUSTAFA INDUSTRIES, CHITTAGONG. TERMINAL REPORT.

DP/BGD/80/020

Vienna, 1982. 18 p.

UNIDC-DP/ID/SER.E/328

<UNIDO pub>. <Final report> on <vegetable oils> industry in <Bangladesh> - concerns operations at a <solvent> extraction plant, covering (1) <rape> <oilseeds> processing; seed preparation; pre-pressing; extraction; state of the plant; samples and analysis; <residual oil> content; loss of hexane; loss of material (2) <rice bran>; resulting amounts of rice bran; production of <edible oils>; stability of the pellets; <storage>; <equipment> to be procured. <Restricted>.

ENGL

31.70

11133

1981

SHOUKRY AR

UNIDC

(R) BANGLADESH. OPERATION AND MANAGEMENT OF FERTILIZER PLANTS. TRAINING ADVISER'S REPORT.

Vienna, 1981. 12 p.

UNIDC-DP/ID/SER.A/339

<UNIDO pub>. <Expert report> on <training assistance> to <fertilizer industry> in <Bangladesh> - covers (1) <training> problems affecting productivity in the plants of the Bangladesh Chemical Industries (2) activities and measures to relieve the situation, with special reference to <fellowships>, preparation of training <handbook>s and of a feasibility study regarding creation of a specialized <training centre>. <Restricted>.

ENGL

35.40

11134

1982

ABU-FISH YA

UNIDO

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982

JORDAN PHOSPHATE MINES COMPANY.

Vienna, 1982. 10 p. diagrams.

UNIDO-ID/WG.3E4/E

<UNIDO pub> on a <phosphate> <mining> company in <Jordan>
(reference: <fertilizer industry>) - describes (1)
operations of the Jordan Fertilizer Industry at Aqaba,
producing <sulphuric acid>, <phosphoric acid> and
<aluminium> fluoride, and having a granulation plant (2)
an oil shales project at El-Lajjun. <Flow chart>s.
Additional reference: <ammonia>.

ENGL

35.40

11135

1982

SARMA KS

UNIDO

TECHNICAL CONFERENCE ON AMMONIA FERTILIZER TECHNOLOGY FOR
PROMOTION OF ECONOMIC CO-OPERATION AMONG DEVELOPING
COUNTRIES, BEIJING, CHINA, 1982

AMMONIA INDUSTRY IN INDIA.

Vienna, 1982. 16 p.

UNIDO-ID/WG.3E4/S

<UNIDO pub> in <ammonia> industry in <India> - covers (1)
development of the industry since the 1940s and action
taken to achieve self-sufficiency in <engineering design>,
construction and operation of <fertilizer industry> (2)
feed stock (3) <manpower> development (4) <research and
development> (5) design and <engineering> (6) <equipment>
manufacture (7) problems (8) <training programmes>.
Annexes list of ammonia plants with details of operations.

ENGL

35.30

11136 1982
PANGLAYKIM J
UNIDO
ASEAN FINANCE CORPORATION: PROSPECTS AND CHALLENGE. STUDIES
ON REGIONAL CO-OPERATION IN THE FIELD OF INDUSTRY.
Vienna, 1982. 20 p. diagram.
UNIDO-UNIDO/IS.291
<UNIDO pub> describing an <ASEAN> <development bank>
(reference: <regional cooperation>) - covers (1) creation
and purpose of the ASEAN Finance Corporation (AFC);
<administrative aspects> (2) shareholders, <management>
and headquarters; <organizational aspects> (3) the AFC as
an ASEAN vehicle for external industrial <cooperation>; co-
operation AFC-<Japan> (4) the AFC as a vehicle for
advancing industrial <investment> among <member states>
(5) identification of <industrial projects> and
availability of <financing> (6) process of <decision
making>. <Diagram>.
ENGL
29.30

11137 1981
SCRIANO MF
UNIDO
EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
PHILIPPINES. TECHNOLOGY RESOURCE INSTITUTION (TRI)
EXPERIENCES (III).
Vienna, 1982. 9 p.
UNIDO-ID/WG.350/E
<UNIDO pub> on the work of a <food technology> <research
centre> (FTRD) in the <Philippines> - covers (1) the
National Institute of Science and Technology; background
and activities of its FTRD (2) significant <research
programmes> (3) joint projects serving <food industry>
development (4) mechanics of <industrial extension> to
<small scale industry> (5) problems; <technical
assistance> delivered (6) required <technology transfer>
at the small and medium processing level.
ENGL
31.40

11138 1981
UNIDO
WORKSHOP ON THE REGIONAL PROJECT FOR CO-OPERATIVE RESEARCH
AMONG METALLURGICAL RESEARCH AND DEVELOPMENT CENTRES IN
ASIA AND THE PACIFIC, JAMSHEDPUR, INDIA, 1981
REPORT. (WORKSHOP ON CO-OPERATIVE RESEARCH IN METALLURGY,
ASIA AND THE PACIFIC, 1981).
Vienna, 1982. 22 p. tables.
UNIDO-ID/WG.361/18
<UNIDO pub>. <Report> of a <meeting> on <regional
cooperation> among <metallurgy> <research centres> in the
<ESCAP> region - covers (1) background of the workshop (2)
deliberations regarding (a) <research and development>
<technical personnel> requirements to 1990 (b) large scale
<cooperation> to strengthen capabilities of R&D centres
(c) "twinning" of metallurgical centres in the region,
<list of participants>, <list of documents>, list of
centres established with assistance from <UNDP> and
<UNIDO>. Additional references: <technical assistance>,
<financing>, <ICDC>, <Asia>.
ENGL
36.10

11139 1981
WIJENAIKE EM
UNIDO
(R) TERMINAL REPORT ON THE DEVELOPMENT OF SMALL-SCALE
INDUSTRY IN PAPUA NEW GUINEA.
DP/PNG/74/039
Vienna, 1981. 36 p.
::::
<UNIDO pub>. <Final report> regarding assistance in
development of <small scale industry> in <Papua New
Guinea> - covers (1) the <manufacturing> sector; problem
of <unemployment>; (2) main problems hampering development
of small industries (3) need for (a) creation of viable
small industries and <repair shops> (b) <incentives> for
and promotion of <entrepreneurship>. <Recommendations>.
Additional references: <cottage industry>, <appropriate
technology>, <project personnel>. <Restricted>.
ENGL
21.40

11140 1981
KITCHEN F
KWASNY K
UNIDC
UNCTAD
(R) SENEGAL. MISSION CONJOINTE CNUDI/CNUCED ZONE FRANCHE
INDUSTRIELLE DE DAKAR. RAPPORT DE MISSION.
IP/SEN/81/001
Vienna, 1981. 50 p. tables, diagram.
UNIDC-UNIDO/IO.462

<UNIDO pub>. <Mission report> regarding assistance to an industrial <free zone> in <Senegal> - covers (1) present state of the Dakar free zone; objectives; functions of an <export processing zone>; <incentives> granted to <industrial enterprises> in the zone (2) comparative situation of the zone with regard to <transport> facilities (3) types of industries likely to be interested in establishment; potential <export> <market>s (4) organization of <industrial promotion> (5) possible <technical assistance> from UNIDC. <Job description>, <diagram>, tables. Additional references: <trade>, <infrastructure>, <relocation of industry>. <Restricted>.

FREN
21.80

11141 1981
ELDAG H
UNIDO
SEMINAR ON ECONOMIC CRITERIA FOR THE SELECTION OF WOODWORKING
MACHINERY AND PLANT SYSTEMS, HANNOVER, 1981
REPORT. (SEMINAR ON WOODWORKING MACHINERY AND CONSULTANCY
SERVICE LIGNA, 1981).
US/INT/80/161
TF/INT/81/001
Vienna, 1981. 69 p. tables.
UNIDC-UNIDO/IC.469

<UNIDO pub>. <Mission report> about a <seminar> and <consulting> activity in <Germany FR> relating to <wood technology> - covers (1) seminar programme and arrangements; <factory> visits (2) <training programmes> evaluation (3) the consultancy service programme at the LIGNA <trade fair> (4) <documentation> on <wood processing>. <Recommendations>, <agenda>, <list of participants>, <list of documents>. Additional reference: <choice of technology>.

ENGL
32.10

11142 1980
JANSSENS PF
ROED G
UNIDO
INTERREGIONAL SEMINAR ON CEMENT TECHNOLOGY, BEIJING, CHINA,
1980
REPORT. (SEMINAR ON CEMENT TECHNOLOGY, 1980).
Vienna, 1981. 36 p.
UNIDO-ID/WG.326/20
<UNIDO pub>. <Report> of a <seminar> on <cement>
<technology> - (1) covers a seminar organized to review
and evaluate technologies developed with attention i.a. to
<pollution control>, efficient use of <raw material>s and
the need for <energy saving> (2) gives brief summaries of
papers presented and discussions (3) annexes information
on <cement industry> in <China> and describes <factory>s
visited. <List of documents>. Additional references:
<kiln>s, <fuel>, <coal>, <research>, <process control>,
<pozzolana>.
ENGL
33.20

11143 1980
FELDL P
UNIDO
(R) COTE D'IVOIRE. RAPPORT TECHNIQUE: EVALUATION DU PROJET DU
CCIE DES INVESTISSEMENTS.
DP/IVC/78/001
Vienna, 1980. 47 p. tables.
UNIDO-DP/ID/SER.A/312
<UNIDO pub>. <Expert report> on <investment policy> and
related <legislation> in <Ivory Coast> - covers (1)
present <economic conditions>, the <industrial sector> (2)
<taxation> of <industrial enterprise>s; <tax exemption>s
(3) <investment promotion>: relevant considerations and
indicated measures. <Statistics>, <recommendations>.
Additional references: <industrial promotion>, <value
added>. <Restricted>.
FREN
29.20

11144 1981
IMPERIAL M
UNIDO
EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
PHILIPPINES. SMALL BUSINESS ADVISORY CENTER (SBAC)
EXPERIENCES. THE BICOL PILINUT CONFECTIONERY INDUSTRY
TECHNICAL ASSISTANCE PROJECT.
Vienna, 1982. 4 p.
UNIDO-ID/WG.350/6
<UNIDO pub> on <industrial extension> to <small scale
industry>s processing pilinuts in the <Philippines> -
covers (1) background of pilinut production and processing
in the Bicol region; problems in <commercialization> (2) a
product <research> assistance project launched in 1980;
<seminar> on relevant <food technology>; improving <food
storage> stability and shelf life through better
<preserving>; <packaging>. Recommendations. Additional
references: <sweets and candy>, <product development>.
ENGL
31.40

11145 1981
GUZCN B
UNIDC
EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
PHILIPPINES. SMALL BUSINESS ADVISORY CENTER (SBAC)
EXPERIENCES. PRODUCT DEVELOPMENT SEMINAR IN SAN MIGUEL,
EULACAN.
Vienna, 1982. 4 p.
UNIDC-ID/WG.350/7
<UNIDO pub> on <industrial extension> services to <small
scale industry> in the <Philippines>, with special
reference to <food technology> - covers (1)
experimentation, and studies to improve products of the
Bulcan <sweets and candy> industry (2) a <seminar> held
for the benefit of local <entrepreneurs> (3) delivering
<industrial services>; difficulties encountered; impact of
<training>. Additional references: <product development>.
ENGL
31.40

11146 1981
FIAZUDDIN S
UNIDO
CENTRES FOR THE PRODUCTION OF ENZYMES.
Vienna, 1981. 7 p.
UNIDC-UNIDO/IS.271

<UNIDO pub>. <Expert report> on the possibility of setting up <laboratory>s for the production of <enzymes> in <developing countries> - covers (1) present difficulties in acquisition of such biochemicals (2) a proposed network of 3-5 enzyme production centres in different parts of the world; estimated initial investment and recurring <costs> (3) inventory for <radioactive isotopes>, rare biochemicals and useful strains of bacteria (4) required <staff> and <equipment>. Additional references: <microbiology>, <biochemistry>.

ENGL
35.50

11147 1981
UNIDC
COMMERCIALIZATION OF GENETIC ENGINEERING TECHNOLOGIES; SOME CONSIDERATIONS.
Vienna, 1981. 13 p.
UNIDC-UNIDO/IS.272

<UNIDO pub> on <commercialization> of <genetic engineering> technologies - (1) discusses briefly some important considerations in the commercialization of <biotechnology>s, i.e. preconditions and time horizons for commercialization; agents of commercialization; and <patents> (2) considers options for <developing countries>. Additional references: <industry and higher education>, <licensing>, <patent law>, <technology transfer>.

ENGL
35.50

11148 1981
HENDEFSCN W
UNIDC
THE PCTENTIAL OF GENETIC MANIPULATION FOR THE IMPROVEMENT OF
VACCINES AGAINST ANIMAL DISEASES IN DEVELOPING COUNTRIES.
Vienna, 1981. 19 p. table.
:::
UNIDC-UNIDO/IS.273
<UNIDO pub>. <Expert report> on pctential <genetic
engineering> for improvement of vaccine <pharmaceuticals>
against diseases of <livestock> in <developing countries> -
covers (1) implications of animal disease in DCs (2)
potential advantages of recombinant DNA technology applied
against virus diseases (3) the major diseases of livestock
and of <poultry>. Table. Additional reference:
<biotechnology>.
ENGL
35.60

11149 1981
UNIDC
COMERINT, ROME
(R) ESCOLA CENTRAL IE PETROLEOS N'GUNZA, ANGCLA. FINAL REPORT.
DP/ANG/7S/009
Vienna, 1981. 18 p. diagrams.
:::
<UNIDO pub>. <Final report> on assistance to a <training
centre> serving <petroleum industry> in <Angcla> - covers
(1) work carried out in various areas of <staff>
<training> and <management development> and with reference
to <organizational aspects> (2) progress of <training
programmes> (3) <counterpart personnel> (4) relations with
the oil companies (5) plan for further development.
<Diagram>s. Additional reference: <technical schools>.
<Restricted>.
ENGL
34.40

11150

1981

MACHERNDL L

UNIDC

FINAL REPORT ON THE EIGHTH TRAINING PROGRAMME ON THE
PRODUCTION AND APPLICATION OF SYNTHETIC FIBRES, 1981.
US/INT/81/023

Vienna, 1981. 21 p.

::::

<UNIDO pub>. <Final report> on <training> in production
and application of <synthetic fibres> - (1) covers
background and objectives of the <training programmes>
organized by <UNIDC> in co-operation with the Government
of <Austria> (2) describes the 1981 programme (3) lists
lectures held and <testing> <equipment> used. <Agenda>,
<list of participants>. Additional references: <in plant
training>, <technological institute>.

ENGL

32.30

11151

1981

UNIDO

NEW STANDARD ENGINEERING, BOMBAY

PILOT AND DEMONSTRATION FOUNDRY PROJECT, KATHMANDU, NEPAL.

TENDER. FINAL REPORT.

SM/NEP/79/002

Vienna, 1981. 5 p. diagram.

::::

<UNIDO pub>. <Final report> regarding assistance in
establishment of a <foundry> in <Nepal> - covers
<planning>, <civil engineering>, <building design> and
preparation of <equipment> lists and <specifications> for
<project implementation> with a view to commissioning the
foundry by December 1982. Annexes implementation schedule.
Additional reference: <pilot plant>. <Restricted>.

ENGL

36.30

11152

1981

UNIDC

ATELIER DE PREPARATION ET DE FABRICATIONS DE PIECES DETACHEES
POUR LES MACHINES UTILISEES DANS LES TRAVAUX DE VOIRIE.

Vienna, 1981. 16 p.

UNIDC-UNIDO/IC.473

<UNIDO pub>. Study regarding establishment of small
<workshop>s in <developing countries> for repair of
<machinery> used in <road construction>, and for
manufacture of <spare parts> - covers (1) proposed
<technical assistance> (2) <appropriate technology> for
<maintenance and repair> of <equipment> (3) <training> for
<technical personnel> (4) construction planning; required
<utilities>. Annexes list of road construction machinery
and of <specifications> for principal <tools> for the
workshop. Additional reference: <metalworking industry>.

FREN

37.20

11153

1981

UNIDC

CHINA. GROUP STUDY TOUR IN THE FIELD OF MEDIUM AND SMALL
SCALE HYDRO POWER PLANTS.

Vienna, 1981. 44 p.

UNIDC-UNIDO/IO.467

<UNIDO pub>. <Report> concerning a tour of medium and
small <hydroelectric power> plants in <China> - (1) covers
background and organization of the tour (2) describes
<electric power stations> visited (average installed
capacity: 200-400 kw) (3) gives observations and comments.
Programme, <list of participants>. Additional references:
<turbines>, <irrigation>.

ENGL

34.20

11154

1981

HIPCLITO J

UNIDO

EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
ILAGAN WOOD FURNITURE DEVELOPMENT PROJECT, A PILOT PROJECT
FOR THE DEVELOPMENT OF THE WOOD FURNITURE INDUSTRY IN
REGION 02 (PHILIPPINES).

Vienna, 1982. 12 p.

UNIDO-ID/WG.350/8

<UNIDO pub> on a <furniture> development project in the
<Philippines> (reference: <wood technology>, <small scale
industry>) - covers (1) background of <industrial
extension> efforts; <raw material>s; <employment>; size of
enterprises; technology used; common problems (2) the
project of <technical assistance> including <common
services> and <purchasing> and <cooperative marketing> (3)
delivery of technical services; <project evaluation>.

ENGL

32.10

11155

1981

YIKILMAZ H

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, ECMEAY, 1982
THE SITUATION OF THE SYNTHETIC FIBRE INDUSTRY IN TURKEY.

Vienna, 1982. 21 p. tables, graphs.

UNIDO-ID/WG.366/3

<UNIDO pub> on the <synthetic fibres> industry in <Turkey>
- covers (1) <polyester> <yarns> and fibre capacities (2)
acrylic fibre and polyamid fibre and yarn capacities (3)
additional predetermined capacities according to the
fourth <national plan> (1977-82) (4) <production capacity>
distributions of synthetic fibre and yarn establishments
in 1981 (5) <demand> <projection> curves. <Statistics>.
Additional reference: <raw material>s.

ENGL

32.30

11156

1982

SUGANDI D

UNIDC

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BOMEAY, 1982
THE SITUATION OF THE SYNTHETIC FIBRE INDUSTRY IN INDONESIA.
Vienna, 1982. 11 p. tables.

UNIDO-ID/WG.366/4

<UNIDO pub> on the <synthetic fibres> industry in
<Indonesia> - covers (1) development of textile industry;
<domestic consumption> (2) synthetic fibre <demand> (3)
<spinning>, <weaving>; nylon filament; <polyester>
filament; polyester fibre; rayon (4) the balance of
<supply and demand>. <Statistics>.

ENGL

32.30

11157

1981

JCEDCDIBFCTO F

UNIDO

(R) TESTING OF A NEW PULPING PROCESS (AMMONIA PROCESS) FOR
AGRICULTURAL RESIDUES.

US/RAS/79/158

Vienna, 1981. 22 p. tables, graphs, diagrams.

:::

<UNIDO pub>. <Final report> on a new <pulp>ing process for
<agricultural wastes> (reference: <ammonia>) - covers (1)
<testing> for an ammonia process carried out at a
<research centre> in <Indonesia> (2) materials and methods
used in pulping <experiment>s (based on <rice> <straw>,
<bagasse>, etc.); (3) results and discussion considering:
digestion, <bleaching>, pulp evaluation, <chemical
analysis>, ammonia <recovery>, black liquor analysis and
microscopical studies. Process <statistics>,
photomicrographs. <Restricted>.

ENGL

32.10

11158

1981

MOL A

UNIDC

(R) ARGENTINA. REPORT CN BAHIA BLANCA STEAM CRACKER.

DP/ARG/75/021

Vienna, 1981. tables.

::::

<UNIDO pub>. <Final report> on assistance to <petrochemical industry> in <Argentina>, with special reference to steam cracking for <ethylene> production - covers (1) troubleshooting in the existing <steam> cracker; evaluation of feedstocks (2) review of flow schemes, material balances and technology for the new cracker in Bahia Blanca, with a view to achieving savings in feedstocks and <fuel>. Computer simulations, <statistics>. Additional references: propane, butane, <natural gas>, <pyrolysis>, <energy saving>. <Restricted>.

ENGL

35.10

11159

1981

FAEZ GA

UNIDO

(R) ECUADOR. PROYECTO "GENCOR". ANALISIS COMPLEMENTARIO DEL PROYECTO ORIGINAL.

DP/ECU/78/001

Vienna, 1981. 19 p.

::::

<UNIDO pub>. <Expert report> regarding a project for manufacture of <components> (gear boxes) for <automobile industry> in <Ecuador> - (1) supplements previous analysis (see abstract 10650) of a proposed <joint venture> with <motor vehicles> <equipment> producers in <USA> (2) covers preliminary proposals programme of integration in manufacture of parts expected <imports> of parts and components; production volume. Additional reference: <automobile assembly>. <Restricted>.

SPAN

37.30

11160

1982

LAS GUPTA S
UNIDO

UNEP/UNIDC WORKSHOP ON ENVIRONMENTAL AND RESOURCE ASPECTS OF
THE DIRECT REDUCTION ROUTE TO STEEL MAKING, PUEBLO ORDAZ,
VENEZUELA, 1982

COMPARATIVE STUDY EVALUATION OF INDUSTRIALLY OPERATIONAL
TECHNOLOGIES OF THE DIRECT REDUCTION OF IRON ORES.

- ESTUDIO COMPARATIVO DE EVALUACION DE TECNOLOGIAS DE
REDUCCION DIRECTA DE MINERALES DE HIERRO UTILIZADOS EN LA
INDUSTRIA.

Vienna, 1982. 94 p. tables, diagrams.

UNIDC-UNIDO/IC.490

<UNIDO pub>. <Comparative study> of technologies for
<direct reduction> (DR) of <iron ores> - covers (1) DR
processes of commercial significance (2) <raw material>s:
<iron> <oxide> feed material; reductant (3) plants
performance and products (4) <environmental impact>;
<pollution control>, <costs> (5) application of DR
processes in <developing countries>. <Statistics>, <flow
chart>s, <diagrams>, <bibliography>. Additional
references: <choice of technology>, <iron and steel
industry>.

ENGL SPAN

36.30

11161

1981

MARTINDALE E
UNIDO

(R) REGIONAL CENTRES OF RESEARCH AND TECHNICAL ASSISTANCE TO
INDUSTRY. MEXICO.

DP/MEX/77/008

Vienna, 1981. 12 p.

::::

<UNIDO pub>. <Final report> on assistance to development
of <information services> in industrial <research centres>
in <Mexico> - covers (1) advice to individual institutes
on the development of their internal and external
information services (2) provision of relevant policy
guidance and assistance with strategic <planning> to
counterpart officials in the National Council for
<Science> and <Technology> (3) contact with <informatics>
group in the University of Guanajuato; advice to the
science division; <seminar> on <information systems>, etc.
Appends outline of <training programmes> for <engineers>.
<Recommendations>. <Restrictec>.

ENGL

01.20

11162 1981
ALI SS
UNIDO
(R) SIERRA LEONE. TECHNICAL REPORT: INDUSTRIAL REVIEW, PART
TWO. DEVELOPING RESOURCE-EASEL INDUSTRIES.
DP/SIL/76/002
Vienna, 1981. 72 p. tables.
UNIDO-DP/ID/SER.A/321
<UNIDO pub>. <Expert report> on the potential for
<industrial development> based on <natural resources> in
<Sierra Leone> - (1) reviews state of industries based on
such resources, giving a sector-by-sector analysis of
<development potential> (2) covers: use of <mineral
resources>; <agri product processing>, <forest product
processing>, <fishery product processing>; use of
<livestock>. <Recommendations>, <statistics>. Additional
references: <primary sector>, <industrial enterprise>s,
<agricultural products>. <Restricted>.
ENGL
14.60

11163 1982
SCHMIDT E
UNIDO
(R) REPUBLIC OF KOREA. TECHNICAL REPORT: HEAVY WEIGHT
PACKAGING.
DP/FCK/78/008
Vienna, 1982. 55 p. tables, graphs, diagrams.
UNIDO-DP/ID/SER.A/335
<UNIDO pub>. <Expert report> regarding assistance to a
<packaging> centre (KDFC) in <Korea F> - covers survey of
<factory>s and advice and <training> given in efficient
packaging of heavy <equipment> with a view to assuring its
protection in <transport> and <distribution>.
<Recommendations>, <diagram>s, tables. <Restricted>.
ENGL
27.30

11164 1981
CIESLIK J
UNIDO
MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 6TH,
MANILA, 1981
POLISH EXPERIENCE IN REGULATING IMPACTS OF TECHNOLOGY 1971-
1980.
Vienna, 1981. 29 p. tables.
UNIDC-ID/WG.355/7
<UNIDO pub> on <regulations> regarding <technology
transfer> into <Poland> - covers (1) values and structure
of Polish <technology> <imports> 1971-1980: <licensing>
<contracts>; contracts on the sale of technical
<documentation>; industrial <cooperation> agreements;
<purchasing> of technology and <equipment> for turn-key
<factory>s (2) scope and directions of regulation: <legal
aspects>; <administrative aspects>; regulation within the
system of <economic planning>; control over programme
implementation (3) effectiveness of regulation: co-
ordination; restrictive clauses in the licensing
contracts; <balance of payments> effects.
ENGL
24.30

11165 1981
UNIDO
MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 6TH,
MANILA, 1981
TECHNOLOGICAL INFORMATION EXCHANGE SYSTEM (TIES). NATIONAL
AND REGIONAL SECTORAL STUDIES ON CONTRACTUAL TECHNOLOGY
TRANSFER: THE PHARMACEUTICAL INDUSTRY.
Vienna, 1981. 10 p.
UNIDC-ID/WG.355/8
<UNIDO pub>. <Summary> of a study on <technology transfer>
in the <pharmaceutical industry> of <Andean Group>
countries - covers (1) terms of reference; objectives and
special considerations of the <regional> study (2)
technological characteristics of the pharmaceutical sector
of the subregion, with attention to <economic aspects> and
<legal aspects> (3) <technology> <contracts> (4) <import>
<regulations> (5) technological level of the industry.
Additional reference: <TIES>.
ENGL
24.30

11166 1981
WAHEA WC
UNIDO
MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 6TH,
MANILA, 1981
INVESTMENT POLICIES AND TECHNOLOGY ACQUISITION STRATEGIES IN
COMPARATIVE PERSPECTIVE. CANADA, REPUBLIC OF KOREA, THE
PHILIPPINES, MEXICO.
Vienna, 1981. 72 p.
UNIDO-ID/WG.355/9
<UNIDO pub> on <investment policy> and <technology
transfer> strategies in <Canada>, <Korea>, the
<Philippines> and <Mexico> - covers (1) <foreign
investment> policies in <developing countries>; policy
issues (2) the environmental setting, <industrialization>
(3) national <regulations> and practices toward foreign
investment (4) <technology> acquisition strategies .
Additional references: <research and development>,
<legislation>, <transnational corporations>, <investment
promotion>, <ASEAN>.
ENGL
24.30

11167 1982
PARENZI L
UNIDO
(R) MADAGASCAR. RAPPORT TECHNIQUE: ASSISTANCE A L'USINE DE
PANNEAUX DE FIBRES PANOMAD.
DP/MAG/78/008
Vienna, 1982. 99 p. tables, diagrams.
UNIDO-DP/ID/SER.A.331
<UNIDO pub>. <Expert report> on assistance to a
<fibreboard> factory in <Madagascar> - covers (1) a
programme of improvements and small extensions, with
attention to <market>, <raw material>, <product mix>,
<machinery>, <factory organization>, <financial aspects>,
etc. (2) <long term> possibilities of further expansion;
<development potential>. <Diagrams>. Additional
references: <equipment replacement>, <steam>,
<mechanization>, <insulation>, <furniture>, <automatic>.
<Restricted>.
FREN
32.10

11168 1981
SANTHIAPILLAI JR
YEATS GP
UNIDO
UNCTAD/GATT, INTERNATIONAL TRADE CENTRE
REVIEW OF THE VEGETABLE OILS AND FATS INDUSTRIES SECTOR OF
THE PACIFIC REGION. REGIONAL REPORT.
DP/RAS/79/031
Vienna, 1981. 58 p. tables.
UNIDG-UNIDO/IC.447
<UNIDO pub>. <Expert report> reviewing <development
potential> of the <vegetable oils> and fats industries
based on <coconuts> in 12 island states of <Oceania> -
covers (1) coconut availability and re<planting>; <copra>
milling vs. <export>s; <soap> manufacture; coconut oil as
a replacement for diesel <fuel> oil; <consumption> of
<oils and fats>; <market> prospects for various products
(2) <regional> <marketing> institutions; international
<trade agreement>s; <tariffs>; <sea transport>; <regional
cooperation>. <Recommendations>, <statistics>,
<bibliography>. Additional references: <coconut fibres>,
<grading>.
ENGL
31.70

11169 1981
MURIGUCHI S
UNIDO
EXCHANGE OF VIEWS WITH EXPERTS ON THE IMPLICATIONS OF
TECHNOLOGICAL ADVANCES IN MICRO-ELECTRONICS FOR DEVELOPING
COUNTRIES, VIENNA, 1981
POLICY AND PLANNING OF COMPUTER EDUCATION.
Vienna, 1981. 6 p. tables.
::::
<UNIDO pub> on policy and planning of <computer>
<education> in <Japan> - covers (1) mobility model built
and used to help establish relevant national policy (2)
development of long-range planning (3) importance of
computer education for all students in all departments (4)
estimated necessary resources (5) review of experience;
recent findings. <Statistics>, <bibliography>. Additional
reference: <electronic data processing>.
ENGL
38.10

11170 1981
MORIGUCHI S
UNIDO
EXCHANGE OF VIEWS WITH EXPERTS ON THE IMPLICATIONS OF
TECHNOLOGICAL ADVANCES IN MICRO-ELECTRONICS FOR DEVELOPING
COUNTRIES, VIENNA, 1981
EXPERIENCES AROUND UNIVERSITY COMPUTER CENTERS.
Vienna, 1981. 10 p. tables.

::::

<UNIDO pub> on university <computer> <research centre>s in
<Japan> - covers (1) experience gained at the University
of Tokyo with special reference to a large-scale computer
centre for <research> use, a medium-scale centre for
<education>al use, and other small centres and
installations (2) functions of <electronic data
processing>; <computer programmes>, <training>, inter-
university network.

ENGL
38.10

11171 1981
ERNST D
UNIDO
EXCHANGE OF VIEWS WITH EXPERTS ON THE IMPLICATIONS OF
TECHNOLOGICAL ADVANCES IN MICRO-ELECTRONICS FOR DEVELOPING
COUNTRIES, VIENNA, 1981
THE SOFTWARE MARKET - CONDITIONING FACTORS AND POSSIBLE
FUTURE TRENDS. AN ANALYSIS UNDERTAKEN FROM A THIRD WORLD
PERSPECTIVE. (PRELIMINARY DRAFT).
Vienna, 1981. 31 p. tables.

::::

<UNIDO pub> on the market for software (<computer
programmes>) applicable in <electronic data processing> -
covers (1) <definition> of software; emergence of a
separate software sector (2) some factors conditioning
structure of the software <market>; strategies of major
groups of firms involved (3) causes of the software
bottleneck (4) possible future <trends>, particularly in
applications packages and software development systems,
relating them to recent developments in programmeable
devices. Additional reference: micro<computer>s.

ENGL
38.10

11172 1981
EARL LH
UNIDO
(R) INDUSTRIAL FREE ZONE AND INVESTMENT DEVELOPMENT. PHASE
II. EGYPT. TERMINAL REPORT.
DP/EGY/78/007
Vienna, 1981. 18 p. table.
UNIDO-DP/ID/SER.B/316
<UNIDO pub>. <Final report> on assistance to industrial
<free zones> in <Egypt> with special attention to
<manpower needs> and <training> - covers (1) project
background; establishment of free zones; <export oriented
industry> (2) forecasting manpower needs and level of
<skills> required (3) assessment of <labour market> (4)
impact of <wages> and salary levels (5) possible use of
existing <training centres>. <Recommendations>.
<Restricted>.
ENGL
21.80

11173 1981
GRIECC HA
UNIDO
EXPERT GROUP MEETING ON THE IMPLICATIONS OF TECHNOLOGICAL
ADVANCES IN LIGHTER-THAN-AIR SYSTEMS TECHNOLOGY FOR
DEVELOPING COUNTRIES, VIENNA, 1981
HELIUM - CHEAPER THAN THOUGHT.
Vienna, 1981. 14 p. map, graph.
UNIDO-ID/WG.367/4
<UNIDO pub> on <helium> (references: <airships>) - covers
(1) helium history; properties and applications;
occurrence and sources; <distribution>; major <USA> helium-
producing <gas> fields (2) helium <supply and demand>;
production; future prospects. <Bibliography>, <maps>.
Additional reference: <sea transport> <costs>.
ENGL
34.30

11174

1981

MAYEF NJ

UNIDO

EXPERT GROUP MEETING ON THE IMPLICATIONS OF TECHNOLOGICAL
ADVANCES IN LIGHTER-THAN-AIR SYSTEMS TECHNOLOGY FOR
DEVELOPING COUNTRIES, VIENNA, 1981
CURRENT LTA TECHNOLOGY DEVELOPMENTS.

Vienna, 1982. 25 p. tables, graphs, illus.

UNIDG-ID/WG.367/E

<UNIDC pub> on LTA <airships> technology - (1) covers
current developments; the relationship between new
<technology> and aircraft development (2) describes
various airship types with reference to their structural
systems (3) considers (a) developments in <USA>, <Canada>,
<UK>, <Germany FR>, <France>, <Japan>, and some countries
of <South America> and <Africa> (b) <research and
development> projects and <innovations>. <Diagram>s,
tables, <bibliography>, illustrations. Additional
references: <aircraft industry>, <air transport>.

ENGL

37.30

11175

1980

ZORRILLA-VAZQUEZ E

UNIDC

(R) NICARAGUA. REPORT ON THE MISSION FOR FACT-FINDING AND
PRIORITY PROJECT IDENTIFICATION AND DEVELOPMENT.

Vienna, 1980. 1 vol. (various pagings). tables.

::::

<UNIDO pub>. <Mission report> regarding <project
selection> and <industrial promotion> in <Nicaragua> -
covers (1) <industrial reorganization> within the
<institutional framework>; objectives and priorities;
<industrial planning>; evaluation of damage and problem
areas; <production targets>, <cooperation> between <UNIDO>
and <ECLA> (2) sectors needing <technical assistance>:
<chemical industry>, <agro industry> and <rural
development>, <maintenance and repair>, <agricultural
equipment>, <financing> institutions and <management>.
<Recommendations>, tables, <statistics>. <Restricted>.

ENGL SPAN

14.70

11176

1979

BITRAN BITRAN D
ZORFILLA-VAZQUEZ E
UNIDO

(R) GUATEMALA. INFORME DE LA MISION DE EVALUACION DEL
PROYECTO Y SUGERENCIAS SOBRE LA ASISTENCIA TECNICA FUTURA
AL SECTOR INDUSTRIAL.

DP/GUA/77/010

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

::::

<UNIDO pub>. <Mission report> regarding assistance to
<industrial promotion> in <Guatemala> - covers (1)
<national planning> and <project evaluation> necessary to
promote <industrial development>; production of basic
<consumer goods>; <investment promotion> in <food>,
<leather>, <shoes>, <metallurgy>, <building materials> (2)
<feasibility study>s, <information system> (3) constraints
and favourable aspects; future <industrial programming>;
<choice of technology>s, <quality standards>,
<interregional> exchange, <project selection>; <technical
assistance> required. <Recommendations>, <statistics>.
<Restricted>.

SPAN

14.70

11177

1980

EENDEGY I
UNIDO

(R) SOMALIA. STUDY OF THE ESTABLISHMENT OF A LOCAL PESTICIDE
FORMULATION PLANT. FINAL REPORT.

SI/SOM/79/805

Vienna, 1980. 103 p. tables, graphs.

::::

<UNIDO pub>. <Final report> on the feasibility of setting
up a <pesticides> formulation plant in <Somalia> - covers
(1) <demand>, <domestic market>, <choice of products>;
<raw material>s, <packaging>; <utilities>, <water>;
<location of industry>, <environment> considerations (2)
project <engineering>; technology for granular and liquid
products (3) <capital costs>, <equipment>, <factory
organization>, <manpower>; <technical assistance>;
schedule of <project implementation>; <financial aspects>,
<economic analysis>. <Recommendations>, tables, graphs.
Additional references: <agricultural products>,
<livestock>, <pest control>. <Restricted>.

ENGL

35.40

11178

1981

REDIY HGR

UNIDO

EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON

TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS) EXPERIENCES IN THE
ESCAP REGION.

Vienna, 1982. 6 p.

UNIDO-ID/WG.350/14

<UNIDO pub> on <ESCAP> <regional cooperation> in providing
<industrial services> to <small scale industry> - covers
(1) the <Regional> Network for <Agricultural Machinery>
(RNAM) (2) initiatives and projects in <research and
development>, <training>, etc. relating to: <oil and
fats>, <leather>, <dairy products>, <textiles>, <food>,
<metalworking industry>, <essential oils> (3) ESCAP
<technical assistance>. Additional references:
<appropriate technology>, <renewable energy>, <biomass>,
<recycling>.

ENGL

14.70

11179

1976

DIONMADJI EN

UNIDO

INTERGOVERNMENTAL EXPERT GROUP MEETING ON THE
INDUSTRIALIZATION OF THE LEAST DEVELOPED COUNTRIES, VIENNA,
1976

THE INDUSTRIALIZATION EXPERIENCE OF CHAD.

Vienna, 1976. 7 p. tables.

UNIDO-ID/WG.234/5

<UNIDO pub> on <industrialization> in <Chad> - covers (1)
<industrial policy>; <establishment of new industry> after
1960 (2) special problems for <industrialization policy> (<
infrastructure>, <financing>, <training>, <land locked
country>) (3) experience of the Chad <industrial
promotion> bureau. <Statistics>, list of <industrial
enterprises>.

ENGL

14.60

11180

1981

UNIDC

MEETING OF THE EXPERT GROUP TO EXCHANGE EXPERIENCES IN THE
CONSTRUCTION AND OPERATION OF FERTILIZER PLANTS IN THE
DEVELOPING COUNTRIES, 1ST, VIENNA, 1981
REPORT. (MEETING ON CONSTRUCTION AND OPERATION OF FERTILIZER
PLANTS, 1981).

Vienna, 1981. 28 p.

UNIDO-UNIDO/PC.30

<UNIDO pub>. <Report> of a <meeting> on <factory
establishment> and operation in the field of <fertilizer
industry> in <developing countries> - identifies and
comments on problems encountered in <project
implementation> and plant operation. <Recommendations>,
<agenda>, <list of participants>.

ENGL

35.40

11181

1982

JAHNKE HE

SIEVERS M

UNIDC

REGIONAL CONSULTATION ON THE AGRICULTURAL MACHINERY INDUSTRY,
1ST, ADDIS ABABA, 1982

AGRICULTURAL MECHANIZATION AND THE DEMAND FOR AGRICULTURAL
MACHINERY AND EQUIPMENT IN AFRICA TO THE YEAR 2000.

- LA MECANISATION DE L'AGRICULTURE ET LA DEMANDE DE MACHINES
ET MATERIELS AGRICOLES EN AFRIQUE JUSQU'A L'AN 2000.

Vienna, 1982. 60 p. tables, graphs.

UNIDO-ID/WG.365/2

<UNIDO pub> on <agricultural mechanization> and <demand>
for <agricultural machinery> and equipment in <Africa> to
the year 2000 - covers (1) general view of <agriculture>
development: components of mechanization; determinants of
crop mechanization (2) regional crop mechanization
patterns (3) <investment> requirements and the demand for
machinery and <agricultural equipment>, including <hand
tools>, <animal power> equipment and <tractors> (4)
issues, conclusions; implications for <industrialization
policy>. <Statistics>, <bibliography>.

ENGL FREN

37.20

11182 1982
UNIDO
REGIONAL CONSULTATION ON THE AGRICULTURAL MACHINERY INDUSTRY,
1ST, ADDIS ABABA, 1982
UNIDO ACTIVITIES IN AFRICA IN THE FIELD OF AGRICULTURAL
MACHINERY INDUSTRY (1968-1981) AND POTENTIAL (1982-1986).
Vienna, 1982. 252 p. tables.
UNIDO-ID/WG.365/4
<UNIDO pub> on the <role of UNIDO> activities in <Africa>
in the field of <agricultural machinery> industry - (1)
covers (a) chronology of UNIDO activities 1968-1981 (b)
<trends> and areas of <technical assistance>; constraints
(c) a basis for UNIDO's approach during the <second
development decade> (d) activities proposed for 1982-1986,
considering <financing> (2) lists relevant <industrial
projects> and gives information on their status.
Additional references: feasibility studies, manufacture,
<engineering design>, <maintenance and repair>, <factory
establishment>, <technology transfer>, <industrial
information>, <regional cooperation>.
ENGL
37.20

11183 1982
ACHAFYA SN
UNIDO
WORKING GROUP MEETING ON SCENARIOS OF THE IRON AND STEEL
INDUSTRY'S DEVELOPMENT, 2ND, ESTORIL, PORTUGAL, 1982
MINI-STEEL INDUSTRY.
Vienna, 1982. 32 p. diagrams, graphs.
UNIDO-ID/WG.363/1
<UNIDO pub> on mini-<steel> industry using electric arc
<furnaces> - covers (1) <definition> and rationale of
"mini"-steel plants (2) <trends> in <world production> of
steel (3) impact of <structural changes> in <developed
countries> (4) <raw materials> and <energy> (5) <research>
and <technological change> of significance for <developing
countries> (6) <economic aspects> of mini-plants (7)
constraints to steel development in LDCs: <costs>,
<financing>, lack of <skilled workers> (8) options for the
LDCs (9) new industrial arrangements; international
<cooperation>. <Statistics>, <diagrams>. Additional
references: <electric power>, <metal scrap>, <direct
reduction>.
ENGL
36.10

11184

1982

HUSAIN MT

UNIDO

INTERNATIONAL CONFERENCE ON MAN-MADE FIBRES, BOMBAY, 1982
THE SITUATION IN THE SYNTHETIC FIBRE INDUSTRY IN BANGLADESH.
Vienna, 1982. 8 p. tables.

UNIDO-ID/WG.366/7

<UNIDO pub> on the <synthetic fibres> industry in
<Bangladesh> - covers: population; <textile industry>;
present <consumption> and production of <yarns> and
fabrics; product facilities available and development in
the near future in the <public sector> and the <private
sector>; rising popularity of man-made fibres.
<Statistics>.

ENGL

32.30

11185

1975

HEMSLEY JDC

UNIDC

REGIONAL CONSULTATION FOR THE ARAB COUNTRIES OF THE MIDDLE
EAST AND NORTH AFRICA ON LICENSING OF TECHNOLOGY WITH
REFERENCE TO THE PETROCHEMICAL AND FERTILIZER INDUSTRIES,
RENGHAZI, LIBYA, 1975

TRANSFER OF TECHNOLOGY IN THE FERTILIZER INDUSTRY.

Vienna, 1975. 17 p.

UNIDO-ID/WG.219/E

<UNIDO pub> on <technology transfer> in the <fertilizer
industry> - covers: growth of technology transfer; <choice
of technology>; commercial and <legal aspects>; the
<license> <contract>; <costs> of technology transfer;
responsibility in <licensing>; the transfer of <technical
information>.

ENGL

35.40

11186 1981
UNIDO
INFORMATION SOURCES ON THE FLOUR MILLING AND THE BAKERY
PRODUCTS INDUSTRIES. UNIDO GUIDES TO INFORMATION SOURCES,
NO. 39.
Vienna, 1981. xii, 100 p.
UNIDO-ID/268
UNIDO-UNIDO/LIB/SER.D/39
<UNIDO pub>. <Directory> to sources of <industrial
information> on the <flour> <milling industry> and <bakery
products> industry. <Bibliography>.
ENGL
31.50 \$ 4.00

11187 1981
NOLASCO E
UNIDO
EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
THE METAL INDUSTRY RESEARCH AND DEVELOPMENT CENTER (MIRDC).
PROGRAM FOR THE PROMOTION OF SMALL- AND MEDIUM-SCALE
INDUSTRY.
Vienna, 1982. 10 p. table.
UNIDO-ID/WG.250/1C
<UNIDO pub> on a <research centre> (MIRDC) in the
<Philippines> serving <metalworking industry> with special
reference to <small scale industry> - covers (1) the
economic and industrial setting (2) the role of the
<metals> and <engineering> industries in the
<industrialization> process (3) state of the metals and
engineering industry sector (4) rationale and overall
development programme of MIRDC; assistance to small and
<medium scale industry>; a <bilateral> assistance project
of <industrial promotion> (with <Germany FR>) (5) MIRDC
<technical assistance> centres.
ENGL
37.10

11188

1981

EUANG A
JAAFAR AB
UNIDC

EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
TECHNOLOGICAL AND OTHER SERVICES FOR SMALL INDUSTRIES IN
MALAYSIA.

Vienna, 1982. 9 p.

UNIDC-ID/WG.350/17

<UNIDO pub> on <industrial services> to <small scale
industry>s in <Malaysia> - covers (1) services required by
small and medium industry (2) services of Malaysian
industrial <research centres> and servicing institutions
(3) <industrial extension> services (4) prospects of
application of the <technology> services delivery system
in the country.

ENGL

14.70

11189

1981

ICBAL FM
UNIDO

EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
ROLE OF UNIDC IN THE COMPREHENSIVE DEVELOPMENT OF SMALL SCALE
INDUSTRY.

Vienna, 1982. 14 p.

UNIDO-ID/WG.350/18

<UNIDO pub> on the <role of UNIDC> in development of
<small scale industry> in <Indonesia> (reference:
<industrial services>) - (1) gives basic information on
small industry, the <institutional framework> and on
relevant <government policy> and programmes (2) covers
UNIDO <technical assistance> to <food industry>, <leather
industry> and <building materials> industry (3) considers
prospects in the area of <industrial extension> and
services. Additional references: <research and
development>, <research centres>.

ENGL

14.70

11190 1981
DELLIMORE J
UNIDO
EXPERT GROUP MEETING FOR EXCHANGE OF EXPERIENCES ON
TECHNOLOGY SERVICES DELIVERY SYSTEM (TSDS), MANILA, 1981
CARIBBEAN TECHNOLOGICAL CONSULTANCY SERVICE (CTCS).
Vienna, 1982. 19 p. diagram.
UNIDO-ID/WG.350/19

<UNIDO pub> on a projected creation of a <technology>
<consulting> service (CTCS) for <small scale industry> in
the <Caribbean> - covers (1) objectives and operating
concept of a CTCS (2) composition of network; scope of
<industrial services>; <management> and <organizational
aspects>; association with <UNIDC> (3) work programme (4)
resources and <financing> (5) <development potential>.
<Flow chart>, <job description>. Additional references:
<energy>, <regional cooperation>, <research and
development>.

ENGL
24.30

11191 1982
ECLTE E
ESPENHAHN E
GONZALEZ-HERMANDEZ C
HUTCHESON T
UNIDC
WORLD BANK/UNIDO CO-OPERATIVE PROGRAMME
ESTRATEGIA DE DESARROLLO INDUSTRIAL EN BOLIVIA.
Vienna, 1982. 83 p. tables.
UNIDO-UNIDO/IC.491

<UNIDO pub>. <Expert report> regarding <industrialization
policy> in <Bolivia> - covers (1) structure and
activities of the <industrial sector>; its <economic
implications>; recent <industrial growth>; <industrial
enterprises>, <capital investment>, <employment>,
<productivity>; <export> and <import> of manufactures (2)
<industrial policy> issues; the <public sector>,
<industrial promotion>, <investment promotion>, <import
restrictions>, <export promotion>, <manpower>, <small
scale industry> (3) possibilities of future growth.
<Recommendations>, <statistics>.

SPAN
14.60

11192 1981
JANSSENS PF
UNIDC
(R) ETABLISSEMENT D'UN ATELIER DE MOUTURE DE CLINKER EN HAUTE-
VOLTA.
FP/UPV/81/002
Vienna, 1981. 22 p.
UNIDC-UNIDO/IG.470
<UNIDO pub>. <Expert report> regarding assistance to
<cement industry> in <Upper Volta> - covers (1)
establishment of a clinker-<grinding> facility (2)
activities including: analysis of a feasibility study;
consideration of technical aspects and of the request for
bids as previously prepared (3) <site assessment>,
prospective <factory organization>; <production capacity>,
<profitability>, <costs> and <pricing>; <storage> of <raw
material>; <transport>. Additional references: <sand>,
<gypsum>, <utilities>, <choice of technology>.
<Restricted>.
FFEN
33.20

11193 1981
AFPIAH-ENIRESEN I
EGNER EB
UNIDO
BOTSWANA. THE POTENTIAL FOR RESOURCE-BASED INDUSTRIAL
DEVELOPMENT IN THE LEAST DEVELOPED COUNTRIES, NO. 1.
Vienna, 1981. 105 p. tables, maps.
UNIDO-UNIDO/IS.274
<UNIDO pub>. <Expert report> regarding the <industrial
development> potential based on <natural resources> in
<Botswana> - covers (1) economic background; the <national
economy> (2) structure of the <industrial sector> (3)
resources, including <agriculture>, <livestock>,
<fishery>, <forestry>, <mineral resources> and <energy>;
<human resources>; <foreign investment> (4)
<industrialization policy>, <institutional framework>,
constraints, <regional cooperation> (5) prospects for
resource-based <industrialization> (6) <industrial
project> profiles. <Bibliography>, <statistics>, <maps>.
Additional reference: <least developed countries>.
ENGL
11.20

11194

1981

AKBAR ALI

UNIDO

(R) CHINA. TECHNICAL REPORT: ADVICE ON THE TECHNICAL AND ADMINISTRATIVE ASPECTS OF THE FORMING OF CONTINUOUS GLASS FIBRES.

DP/CPR/80/010

Vienna, 1981. 43 p. tables, diagrams.

UNIDO-DP/ID/SER.A/327

<UNIDO pub>. <Expert report> regarding assistance to the <fibreglass> industry in <China> (reference: <building materials>) - covers (1) advice given to a <research centre> for fibreglass industry at Nanjing on the technical and administrative aspects of the forming of continuous <glass> fibres (2) lectures held on related subjects, including basic theory of glass fibres as related to improvement of building materials manufacture (3) visits to three <factory>s using <industrial wastes> for making building materials. <Recommendations>, <diagram>s, <glossary>. Additional references: <management development>, <equipment>, <training assistance>. <Restricted>.

ENGL

33.40

11195

1981

BRIDGE RE

UNIDC

(R) TECHNICAL REPORT: DUST MEASUREMENT AND CONTROL IN EGYPTIAN TEXTILE MILLS.

DP/EGY/77/008

Vienna, 1981. 4 p. tables, diagrams, illus.

UNIDC-DP/ID/SER.A/325

<UNIDO pub>. <Expert report> on dust <pollution> and required <air cleaning> in <textile industry> in <Egypt> - covers (1) relevant assistance to the Textile <Development Centre> (2) measurement of <environment>al dust levels and <air pollution> in a <spinning> <factory> (3) instruction of <staff> in measurement techniques, including a <seminar> (4) <health> aspects; dangers of dust-caused <occupational disease> (5) sampling <equipment> used for <cotton> dust analysis. <Recommendations>, <diagram>s, illustrations. Additional reference: <pollution control>. <Restricted>.

ENGL

32.30

11196

1981

UNIDO

COUNTRY INDUSTRIAL DEVELOPMENT BRIEF, MALAWI.

Vienna, 1981. 45 p. tables, maps.

UNIDC-UNIDO/IS.264

<UNIDO pub> on <industrial development> in <Malawi> - covers (1) <employment>, general economic performance, external <trade>, <balance of payments> (2) the <manufacturing> sector: <natural resources>, <agriculture> and other <raw materials>, <infrastructure>; structure, performance and potentials (3) <industrial policy>, strategies and <institutional framework> (4) fields requiring <technical assistance> and <cooperation>. <Statistics>, <maps>, <bibliography>. Additional references: <training>, <technology>, <research>, <industrial production>, <industrial services>.

ENGL

14.60

11197

1981

STEFFENS J

UNIDO

(R) SPECIALIZED INSTITUTE FOR ENGINEERING INDUSTRIES, BAGHDAD, IRAQ. TECHNICAL REPORT: ESTABLISHMENT OF A PREVENTIVE MAINTENANCE SYSTEM.

DP/IRQ/77/003

Vienna, 1981. 52 p. tables, diagrams.

UNIDO-DP/ID/SER.A/236

<UNIDO pub>. <Expert report> on assistance in setting up a <maintenance and repair> system for a <technological institute> in <Iraq> - covers (1) drafting of operators' check-lists and preventive maintenance guides for existing <machinery> and <equipment>, and establishing of a timetable for implementation of the system (2) <training assistance> for <counterpart personnel>. <Recommendations>, <diagrams>. Additional reference: <engineering>. <Restricted>.

ENGL

25.20

11198

1981

ZAWADZKI JM

UNIDO

(R) PAKISTAN. TECHNICAL REPORT: CORROSION PREVENTIVE
MAINTENANCE SCHEME.

SI/FAK/78/303

Vienna, 1981. 75 p. tables, diagrams.

UNIDO-DP/ID/SER.A/333

<UNIDO pub>. <Expert report> on assistance to <maintenance
and repair> for <chemical industry> in <Pakistan>, with
special reference to <corrosion> prevention - covers (1)
<economic aspects> of prevention (2) observations at
<factory>s; technical advice given; organization of a
corrosion <laboratory>, <workshop> and maintenance teams.
Annexes i.a. an instruction code for protective painting
for <iron> and <steel> structures in chemical plants;
relevant <documentation> lists. <Recommendations>,
<diagram>s, <bibliography>. Additional references:
<training>, <standards>, <coating process>, <testing>.
<Restricted>.

ENGL

35.10

11199

1981

DOBOS G

FAUKER S

UNIDO

(R) RAPPORT DE LA MISSION DE PROGRAMMATION EN HAUTE VOLTA DU
8 AU 17 SEPTEMBRE 1981.

Vienna, 1981. 62 p.

UNIDC-UNIDO/PC.18

<UNIDC pub>. <Mission report> regarding <industrial
programming> in <Upper Volta> - covers (1) present state
of the <industrial sector> (2) proposals for UNIDO
<technical assistance> 1982-1986 (3) identification of
priority sectors for activities (4) assistance to
<industrial promotion> (5) preparation of preliminary
<project document>s. Additional references: <preinvestment
study>s, <project implementation>, <rural industry>,
<village> level, <role of UNIDO>, <information centre>,
<building materials>. <Restricted>.

FREN

14.70

11200

1981

DMIDAR H

UNIDC

(R) MAROC. ETABLISSEMENT D'UNE USINE FILTE POUR LE
TRAITEMENT ET LE CONDITIONNEMENT DES DATES ET LA PRODUCTION
D'ALIMENTS POUR BETAIL (PHASE II). RAPPORT FINAL.

DP/MCF/78/022

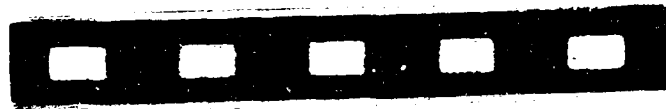
Vienna, 1981. 42 p. tables.

UNIDC-DP/ID/SER.E/325

<UNIDO pub>. <final report> on assistance to <dates>
processing and <feed production> in <Morocco> - covers (1)
<pilot plant> project (2) technical aspects: <machinery>
and <equipment>; supply of <raw material> (3) project
<costs> and <financing>; <pricing> for finished product;
<profitability>, <cash flow>. <Recommendations>,
<statistics>. <Restricted>.

FREN

31.10



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