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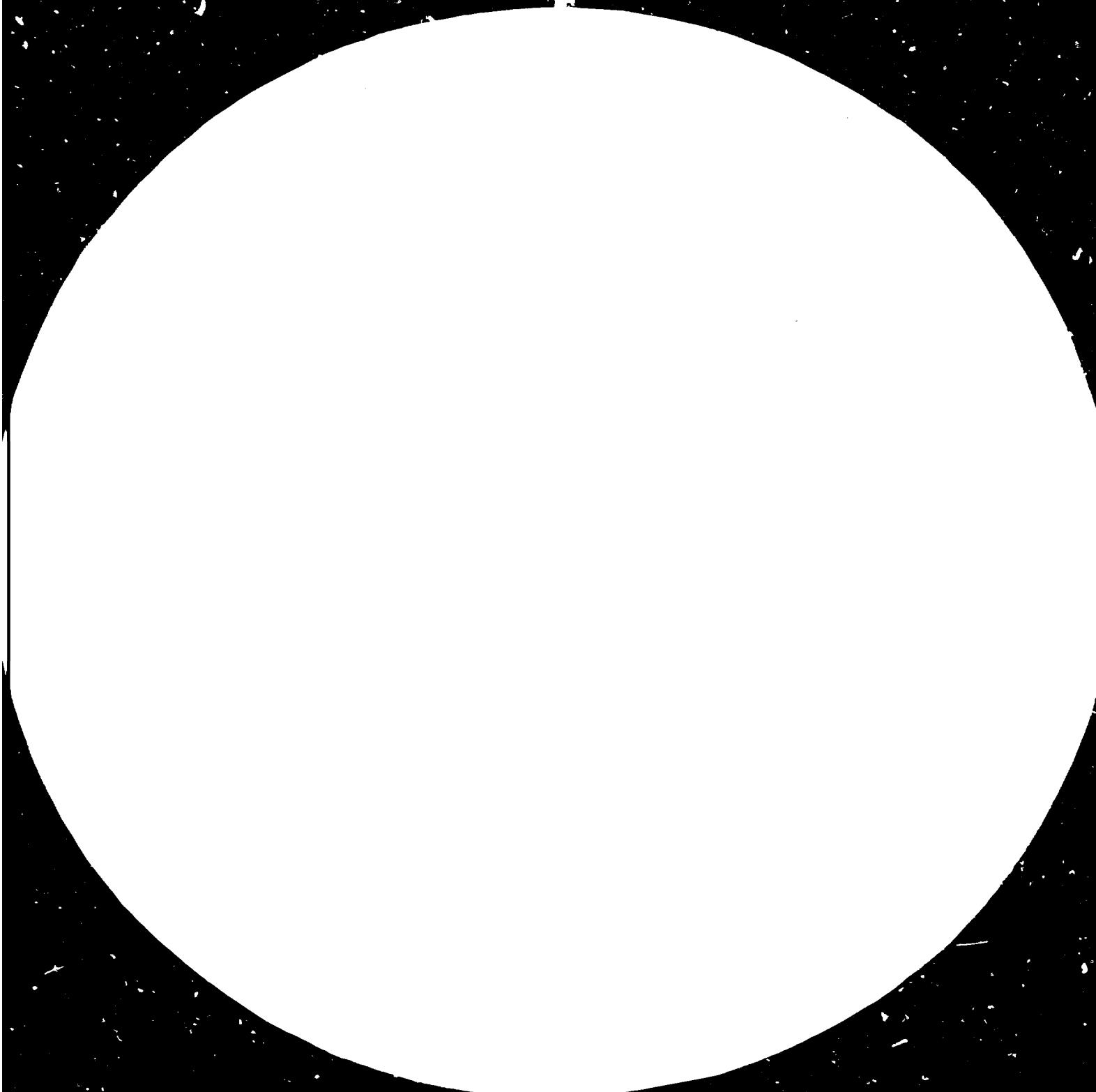
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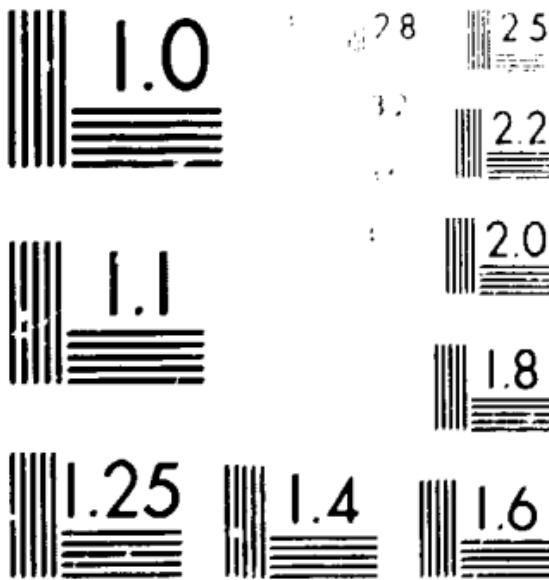
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UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

12591

INDUSTRIAL DEVELOPMENT ABSTRACTS

UNIDO Industrial Information System (INDIS)

11701-12000



UNITED NATIONS

**INDUSTRIAL
DEVELOPMENT
ABSTRACTS**

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
Vienna

INDUSTRIAL DEVELOPMENT ABSTRACTS

11701—12000

UNIDO Industrial Information System (INDIS)



UNITED NATIONS
New York, 1983

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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provides a specialized guide to UNIDO documentation on industrialization in developing countries, much of which is unpublished.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 tramanan utilizando el paquete de programa CDS/ISIS, desarrollado por la Oficina Internacional del Trabajo (OIT) y actualmente apoyado por la Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura

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Title ————— MICRO-HYDROELECTRIC POWER GENERATION IN PAPUA NEW GUINEA.

Project number

Source ————— Vienna, 1981. 9 p.

Document number —— UNIDO-ID/WG.329/9

Abstract ————— (2) **functions of the hydro-power commission; development of hydro-power; (3)** the **<energy> supply situation; <electric power> (4) <agricultural products>, <fishery>, <copper> <mining>, <forestry>; state of <industrial development>; typical products; <transport>; <education>; plans for development and use of hydro-power.**

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<UNIDO pub>. <Final report> on assistance to <metalworking industry> in <Peru> - covers (1) advice to <industrial enterprise>s of the "Metalworking South Complex" in <factory establishment> and commissioning based on feasibility studies already prepared (2) preparation of <preinvestment study>s for project identified (3) advice concerning promotion of <industrial project>s (4) <steel> works, ore <grinding> balls, <electric motors>, rock <drilling equipment>, <hand tools>, steel <casting>. Additional reference: <investment promotion>. <Restricted>.

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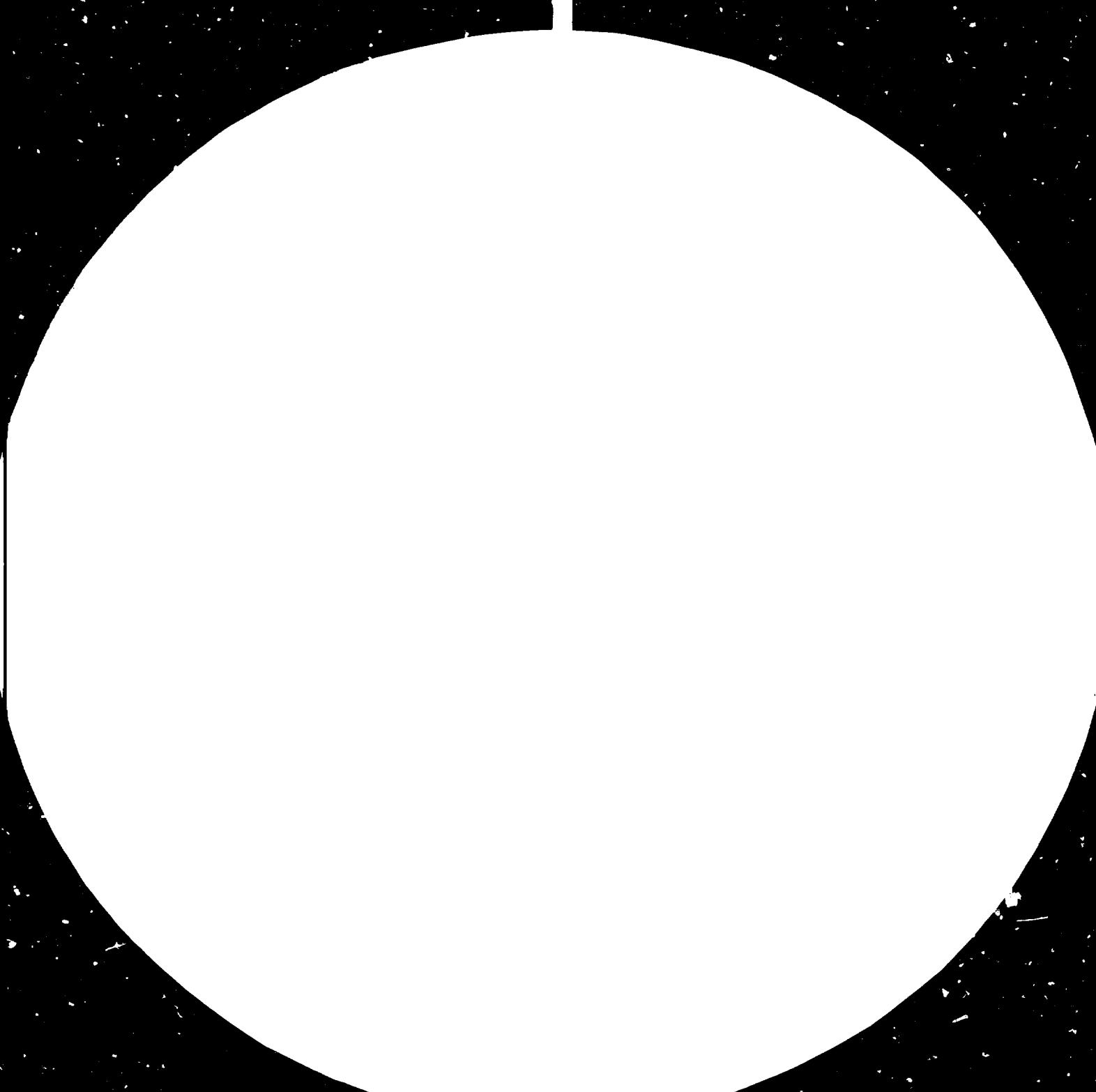
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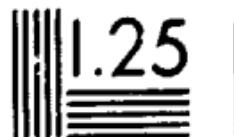


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Mr. RICHARD P. SCHAFFNER, President

Mr. ROBERT W. COOPER, Vice President

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<UNIDO pub>. <Expert report> on <financing> issues in negotiating for <factory establishment> in the <iron and steel industry> - covers (1) <size of enterprise>: large scale plant, <direct reduction> plants, mini-steel plants (2) negotiating framework between purchasers, suppliers and <capital> sources concerning <choice of technology>, <technology transfer>, <raw material>s, <energy>, <capital goods>, <technical assistance>, <marketing> and <infrastructure>.
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INTERREGIONAL ECONOMIC AND TECHNICAL CO-OPERATION AMONG DEVELOPING COUNTRIES IN THE PHARMACEUTICAL SECTOR.

RP/GLO/78/006
Vienna, 1979. 235 p. tables.

UNIDO-UNIDO/IOD.347

<UNIDO pub>. <Expert report> on <pharmaceutical industry> in <developing countries> of <Africa> and <Asia> - gives data and information on the status and <development potential> of the industry, with particular reference to <consumption> of drugs, <domestic production>, <import>s, <export>s, <quality control>, availability of <raw material>s (including <medicinal plants>), <infrastructure>, <population>, major diseases, <health service>s, <hospital>s, etc. <Recommendations>, <statistics>, <bibliography>, <job description>. Additional references: <interregional>, <cooperation>, <TCDC>, <Arab countries>.

ENGL
35.60

11707 1982
Deri, S.
UNIDO
(R) SUDAN. CENTRAL INSTRUMENT REPAIR WORKSHOP. TERMINAL
REPORT.
DP/SUD/73/045

Vienna; 1982. 137 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> on assistance in improving
<maintenance and repair> of <instruments> in <Sudan> -
covers (1) establishment of a Central Instrument Repair
<Workshop> (CIRW) to reduce dependence on costly foreign
repair services (2) project outputs: repair, maintenance,
calibration, <training>, technical <handbook>s, <spare
parts> lists, reports produced (3) inputs, resources,
constraints, strategy. <Recommendations>, <job
description>, <project document>s. Additional references:
<laboratory>, <testing>, <staff>, <tools>. <Restricted>.

ENGL

37.50

11708 1982
Khosla, Krishan D.
UNIDO
(R) ESTABLISHMENT OF INDUSTRIAL ESTATES IN MANO RIVER BASIN
PROJECT AREA.
SI/RAF/81/801

Vienna, 1982. 127 p. tables, diagrams.

::::

<UNIDO pub>. <Expert report> concerning feasibility of
establishing <industrial estate>s in the Mano River Basin
<regional project> area (serving <Liberia> and <Sierra
Leone>) - covers (1) the Mano <River> Union; <customs
union>; <regional cooperation> (2) <infrastructure>,
<natural resources> and <industrial sector> of Liberia and
Sierra Leone (3) the Mano River Basin <development
project> (4) industrial estates and <industrialization>.
<Recommendations>, <statistics>, <bibliography>.
<Restricted>

ENGL

14.70

11709 1982
UNIDO
P-E INTERNATIONAL, UK
(R) ELABORATION OF INTEGRATED CASSAVA PROCESSING FACTORY
CONCEPT. FINAL REPORT.
US/INT/80/006
Vienna, 1982. 2 vol. (various pagings). tables, diagrams.
:::::
<UNIDO pub>. <Final report> on integrated <cassava>
processing (reference: <factory establishment>, <Zambia>) -
covers (1) elaboration of a concept for setting up a
<factory> to make cassava-derived products in any country
with appropriate climate (2) versatility of cassava;
<market>s for cassava and derived <product mix>; agronomic
considerations; procurement of cassava; considerations of
<product design> and <appropriate technology>; <economic
aspects>, <financial aspects> (3) testing application of
concept under conditions prevailing in Zambia.
<Statistics>, <factory layout>s. Additional references:
<agriculture>, <pest control>, <crop yield>, <machinery>,
<starch>, <glucose>, <flour>, <alcoholic beverages>.
<Restricted>.
ENGL
31.10

11710 1982
Cornia, A.
Duval, A.
Royer, J.
UNIDO
THE UNITAD SYSTEM. 1981 REPORT. WORLD MODELLING WORKING PAPER.
Vienna, 1982. 152 p. tables, diagrams.
UNIDO-UNIDO/IS.337
<UNIDO pub> on the system of <UNITAD models> (reference:
<trade>, <industrialization>) - covers (1) basic purpose
and scope of the UNITAD project (2) overall view of the
system (3) the trade-industry core of the model: the trade
subsystem; the <technology> subsystem (4) a sample of
overall results: (a) two scenarios related to the
international development strategy (b) some policy
conclusions from the comprehensive scenarios (5)
suggestions for further work. Annexes: <classification>s
and <flow chart>s; the <agriculture> subsystem; the
<consumption> subsystem; some results of sensitivity
analyses. Additional references: <development planning>,
<Third Development Decade>.
ENGL
02.20

11711
UNIDO

1982

SECOND DRAFT OF UNIDO MODEL FORM OF AGREEMENT FOR THE
LICENSING OF PATENTS AND KNOW-HOW IN THE PETROCHEMICAL
INDUSTRY, INCLUDING ANNEXURES AND INTEGRATED COMMENTARY AND
ALTERNATIVE TEXTS OF SOME CLAUSES.

Vienna, 1982. 142 p.
UNIDO-UNIDO/PC.50

<UNIDO pub>. Draft model form of <contract> for
<licensing> of <patents> and <knowhow> in the
<petrochemical industry> - covers (1) background to
licensing agreements; the scope of the UNIDO model form;
the type of licensing agreement chosen; the structure and
purpose of the model form (2) articles of agreement (with
alternative texts as required); commentary on articles.

ENGL
35.10

11712
Rizescu, Constanta
UNIDO

1982

(R) CAMEROUN. ASSISTANCE A L'EXPLOITATION DES PLANTES
MEDICINALES. RAPPORT FINAL.

DP/CMR/79/010

Vienna, 1982. 131 p. tables, diagrams.
UNIDO-DP/ID/SEP.B/355

<UNIDO pub>. <Final report> on assistance in exploitation
of <medicinal plants> in <Cameroon> - covers (1) existing
<laboratory>s, <equipment> and <technical personnel>;
further needs (2) study programme for the use of plants or
<agricultural wastes> for traditional medicine and for
<export> to <pharmaceutical industry>; <chemical analysis>
methods, <research> and <quality control> (3) <in-plant
training> and <technical assistance>; equipment
requirements. <Recommendations>, <diagram>s, <flow chart>,
<bibliography>. <Restricted>.

FREN
31.10

11713
Takla, A.
UNIDO

1982

TECHNOLOGICAL INFORMATION PROFILE ON SOLAR ENERGY
APPLICATIONS.

Vienna, 1982. III, 90 p. tables, graphs, diagrams.
UNIDO-UNIDO/IS.339

<UNIDO pub> giving information on <technology> of <solar energy> applications - covers (1) photovoltaic systems (2) solar thermal <electric power> systems (3) solar <refrigeration> and <air conditioners>; <case study>s (4) solar space <heating> and domestic <water> heating systems (5) solar <laboratory>s in <developing countries>; solar radiation and its measurements (6) technical and <economic aspects>; <evaluation>s. <Bibliography>, <statistics>, <diagram>s. Additional references: <silicon>, <cooling>, <housing>, <equipment>, <instruments>, <energy saving>.

ENGL
34.10

11714
UNIDO

1982

DIRECTORY OF SOLAR EQUIPMENT MANUFACTURERS. VOLUME I.
Vienna, 1982. unpaginated.

UNIDO-UNIDO/IS.340

<UNIDO pub>. <Directory> of <solar energy> <equipment> manufacturers - (1) provides guidance to prospective buyers as well as entrepreneurs in <developing countries> wishing to set up manufacture on a <joint venture> basis (2) identifies and gives information on manufacturers in <developed countries> on the basis of questionnaires received (3) covers: collectors, photovoltaic cells and modules, solar <water> <pumps>, <heating> and <cooling> systems, <desalination>, <cooking>, <coatings> and <glazing>, heat exchange and <storage>, <laboratory> equipment, <temperature> differential controls, <wind energy>, etc.

ENGL
34.10

11715 1982
Mann Borgese, Elisabeth
UNIDO
OCEAN MINING AND DEVELOPING COUNTRIES: AN APPROACH TO
TECHNOLOGICAL DISAGGREGATION.
Vienna, 1982. VIII, 75 p. tables.

UNIDO-UNIDO/IS.345

<UNIDO pub>. <Expert report> on <sea> <mining> and
<developing countries> (reference: <mineral resources>) -
covers (1) disaggregation of ocean mining and minerals
processing <technology>s so as to facilitate greater
participation of DCs (2) hydraulic and mechanical mining
concepts; design of systems; exploration systems;
<transport> (?) state-of-the-art of mining systems;
required subsystems (4) <choice of technology> (5) <ore
processing>; process technologies for deep-ocean
<manganese> nodules; on-shore processing (6) <location of
industry>, <site assessment>. <Statistics>,
<recommendations>. Additional references: <equipment>,
<instruments>, survey vessels.

ENGL
21.20

11716 1982
Patil, S.M.
UNIDO
GLOBAL STUDY OF THE MACHINE TOOL INDUSTRY AND A CASE STUDY OF
THE INDIAN MACHINE TOOL INDUSTRY.
Vienna, 1982. X, 192 p. tables, graphs.

UNIDO-UNIDO/IS.333/1

<UNIDO pub>. <Global study> of the <machine tool industry>
and a <case study> of the industry in <India> - covers (1)
objectives of the study (2) background of the industry;
<definition> of <machine tools>; relevant needs of
<developing countries> (3) the machine tool industry (a)
in main producing countries: <Germany FR>, <USA>, <USSR>,
<Japan>, <Italy>, <UK>, <France>, <Germany DR>,
<Switzerland>, <Czechoslovakia>, <Poland> (b) in some
leading developing countries: <China>, <Brazil>, <Korea
R>, <Argentina>, <Mexico> (4) the industry in India.
<Statistics>. Additional references: <technological
change>, <export>s, <research and development>.

ENGL
37.10

11717
Patil, S.M.
UNIDO

1982

PROSPECTIVE TECHNOLOGICAL DEVELOPMENTS IN THE MACHINE TOOL
INDUSTRY IN DEVELOPED COUNTRIES.

Vienna, 1982. X, 99 p.
UNIDO-UNIDO/IS.333/2

<UNIDO pub> on prospective <technological change> in the
<machine tool industry> in <developed countries> - covers
(1) machine tool mechanics and <engineering design> (2)
cutting tool materials and tool <technology> (3) machine
tool <automatic control> systems (4) non-conventional
<machining> processes; <metals>-forming <machine tools>
(5) technological <trend>s in production <engineering> (6)
<automation> in production technology. Additional
references: <metal cutting>, ergonomics, <noise>,
<industrial safety>, <computer-aided manufacture>,
<computer-aided design>, robots.

ENGL
37.10

11718
Patil, S.M.
UNIDO

1982

THE IMPLICATIONS OF TECHNOLOGICAL DEVELOPMENTS IN THE MACHINE
TOOL INDUSTRY FOR DEVELOPING COUNTRIES.

Vienna, 1982. X, 113 p.
UNIDO-UNIDO/IS.333/3

<UNIDO pub> on the implications of <technological change>
in the <machine tool industry> for <developing countries> -
covers (1) the <technology> gap and its implications:
metalforming; non-traditional <machining> (2) <economic
implications> (3) <recommendations> for the development of
the machine tool industry in the DCs. Annexes extract from
report regarding <management> and <technology policy> in
<UK>. <Bibliography>, <questionnaire>. Additional
reference: <metalworking industry>.

ENGL
37.10

11719

1982

Kakodkar, S.R.

UNIDO

ROUND TABLE OF DEVELOPING COUNTRIES, 10TH, ZAGREB, 1982
ISSUE PAPER FOR THE 10TH ROUND TABLE MEETING OF DEVELOPING
COUNTRIES.

Vienna, 1982. 13 p.

::::

<UNIDO pub>. <Expert report> on issues relating to
<technology transfer> and <human resources> development in
respect of <developing countries> (reference: <TCDC>) -
covers (1) indicated <cooperation> in the fields of
technology transfer, <industrial information>, creation
and strengthening of <consulting> capabilities (2)
<technology> <regulations> and <commercialization> (3)
<industry profile>s (4) enhancing negotiating power of DCs
(5) <advanced technology> (6) <education> and <training>.
Additional references: <role of developing countries>,
<industrial institutions>, <INTIB>, <TIES>, <research
centres>s.

ENGL

24.30

11720

1982

Herero Ponce, Reinaldo

UNIDO

REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982

REVIEW OF THE WOOD AND WOOD PRODUCTS INDUSTRY IN SELECTED
COUNTRIES OF LATIN AMERICA.

- EXAMEN GENERAL DE L'INDUSTRIE DU BOIS ET DES PRODUITS DU
BOIS DANS DES PAYS SELECTIONNES DE L'AMERIQUE LATINE.

Vienna, 1982. 138 p. tables.

UNIDO-ID/WG.380/1

<UNIDO pub> on <forestry> and <wood processing> industry
in <Brazil>, <Chile>, <Colombia>, <Guyana>, <Mexico>,
<Paraguay> and <Peru> - (1) reviews present status of the
industry in the region and identifies obstacles hampering
its further development (2) covers: forest resources;
<tree species>; <timber> <supply>; primary and secondary
processing; panels and other <wood products>; <market> and
<trade> relations. <Statistics>. Additional references:
<particle board>, <fibreboard>, <plywood>, <furniture>,
<building materials>, <packaging>.

ENGL FREN

32.10

11721 1982
Salool, A.A.
UNIDO
(R) PROSPECTS OF PRODUCTION AND PROSPECTING OF NON-FERROUS METALS.
Vienna, 1982. 1 vol. (various pagings). tables.
:::::
<UNIDO pub>. <Final report> on production and prospecting of <nonferrous metals> in <developing countries> - covers (1) <economic implications> of non-fuel <mineral resources> <mining> and <ore processing>; <government policy> options in minerals producing countries (2) <survey> of conditions regarding exploitation of <bauxite>, <lead>, <zinc>, <tin>, <copper> (3) <aluminium> and its <alloys> (4) <industrial redeployment> of processing capacity (5) <market>s, <development potential>, issues, <choice of technology>. <Statistics>, <bibliography>. <Restricted>.
ENGL
36.20

11722 1982
UNIDO
TECHNOEXPORT, USSR
(R) BURMA. THE SUPPLY OF EQUIPMENT AND TECHNICAL SERVICES FOR THE FOUNDRY, FABRICATION AND ELECTRICAL WORKSHOPS FOR THE RANGOON INSTITUTE OF TECHNOLOGY.
DP/BUR/74/022
Vienna, 1982. 90 p. tables, diagrams.
:::::
<UNIDO pub>. <Final report> on assistance in establishing a <foundry> and <workshop>s for a <technological institute> in <Burma> - covers (1) <supply>, installation, <testing> and commissioning <equipment> for three production-orientation <training> shops (foundry, fabrication and <electrical engineering>) (2) <training programmes> for <counterpart personnel>; methods and results (3) scope of the design and technological <documentation> as well as nomenclature of experimental <prototype> end-products manufactured. <Recommendations>, <factory layout>s. Additional references: <tools>, <electrodes>, <maintenance and repair>. <Restricted>.
ENGL RUSS
25.10

11723

1982

UNIDO

MEETING ON CO-OPERATION BETWEEN SCIENTIFIC AND INDUSTRIAL SECTORS IN MICROELECTRONICS, 1ST, MEXICO CITY, 1982
PROCEEDINGS OF THE FIRST MEETING ON CO-OPERATION BETWEEN SCIENTIFIC AND INDUSTRIAL SECTORS IN MICROELECTRONICS.

Vienna, 1982. 10 p.

UNIDO-UNIDO/IS.338

<UNIDO pub>. <Report> on a <meeting> on <cooperation> between <research and development> and the <industrial sector> in the field of micro<electronics>, with special reference to <Mexico> - covers (1) discussions on: the role of microelectronics; related <technological change>; <technology policy> and <development planning>; emphasis on R&D; <import substitution>; <research centre>s; regulation of <technology transfer>; software <knowhow> protection; aid to <industrial enterprise>s, etc. (2) suggested <short term> and <long term> measures of <government policy> and <legislation> (3) proposed <role of UNIDO>. Additional references: <electronics industry>, <telecommunications industry>, <computer>s, <informatics>.

ENGL

38.10

11724

1980

Villar, Jose Luis

UNIDO

(R) MEXICO. INFORME DE LA VISITA DE ASESORIA REALIZADA EN EL CIATEG.

DP/MEX/77/008

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

:::::

<UNIDO pub>. <Expert report> on <industrial services> and <research centre>s in Guanajuato, Chihuahua and Jalisco, <Mexico>, with special reference to <information service>s - (1) role of CIATEG, CIATECH and C'ATEJ as <information centre>s offering <technical information> on <industrial development> and <industrial promotion> (2) <skills> of <staff>, <documentation> on hand and organization of <information system>; contacts with other centres and importance of <training programmes>. Annexes guidelines for <information processing>. <Recommendations>, <bibliography>s. <Restricted>.

SPAN

14.70

11725 1982
Haworth, T.M.
UNIDO
(R) SOMALIA. TECHNICAL REPORT: TO IMPROVE THE OPERATIONAL
PERFORMANCE OF THE INTEGRATED TEXTILE FACTORY SOMALTEX.
DP/SOM/72/007
RP/SOM/82/002
Vienna, 1982. 163 p. tables.
UNIDO-DP/ID/SER.A/382
<UNIDO pub>. <Expert report> on assistance to a <textile
industry> in <Somalia> - covers (1) steps in <textiles>
production process and present <productivity> in a <public
enterprise>; preventive <maintenance and repair>,
<specifications>; <storage> of <spare parts>; need for
<testing> <equipment> for <quality control> (2) textile
<technology> guidelines; conditions of <laboratory>
equipment, additional requirements; <production control>
and planning; <organizational aspects>. <Recommendations>,
tables, <statistics>. Additional references: <weaving>,
<spinning>, <textile finishing>, <yarns>. <Restricted>.

ENGL
32.30

11726 1982
UNIDO
 DIRECTORY OF SOLAR RESEARCH INSTITUTES IN DEVELOPING
 COUNTRIES.
Vienna, 1982. 13 p.
UNIDO-UNIDO/IS.341
<UNIDO pub>. <Directory> of <solar energy> <research
centre>s in <developing countries> - (1) lists solar
research institutes in DCs prepared to share and exchange
research with similar institutes in other DCs (2) gives an
index of institutes by area of research. Additional
reference: <TCDC>.

ENGL
34.1J

11727

1982

UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

DRAFT MEMORANDUM OF UNDERSTANDING AND GUIDING PRINCIPLES OF
THE INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND
BIOTECHNOLOGY.

- PROJET DE MEMORANDUM D'ACCORD ET SCHEMA D'ORGANISATION DU
CENTRE INTERNATIONAL POUR LE GENIE GENETIQUE ET LA
BIOTECHNOLOGIE.
- BORRADOR DE MEMORANDO DE ENTENDIMIENTO Y PRINCIPIOS
RECTORES DEL CENTRO INTERNACIONAL DE INGENIERIA GENETICA Y
BIOTECNOLOGIA.

Vienna, 1982. 9 p.

UNIDO-ID/WG.382/1

<UNIDO pub> giving draft of understanding and guiding
principles for the proposed <ICGEB> (<development centre>
for <genetic engineering> and <biotechnology>) - covers
the centre's objectives and functions, <administrative
aspects>, <legal aspects>, etc.

ENGL FREN SPAN

35.50

11728

1982

UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

FIVE-YEAR WORK PROGRAMME ON THE INTERNATIONAL CENTRE FOR
GENETIC ENGINEERING AND BIOTECHNOLOGY.

- PROGRAMME QUINQUENNIAL DE TRAVAIL DU CENTRE INTERNATIONAL
POUR LE GENIE GENETIQUE ET LA BIOTECHNOLOGIE.
- PROGRAMA DE TRABAJO QUINQUENAL DEL CENTRO INTERNACIONAL DE
INGENIERIA GENETICA Y BIOTECNOLOGIA.

Vienna, 1982. 18 p. table.

UNIDO-ID/WG.382/2

UNIDO-ID/WG.382/2/CORR.1

<UNIDO pub> on the work programme of the proposed <ICGEB>
(<development centre> for <genetic engineering> and
<biotechnology>) - deals with general aspects of the work
programme, covering (1) its background, design and thrust
(2) ongoing <research programmes> (3) linkages to
international and national institutions and <research
centre>s; linkages with industry (4) implementation;
<financial aspects> (5) action required.

ENGL FREN SPAN

35.50

11729

1982

Heden, Carl-Goran
UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

SELECTIVE APPLICATION OF ADVANCED BIOTECHNOLOGY FOR
DEVELOPING COUNTRIES.

- APPLICATION SELECTIVE DE LA BIOTECHNOLOGIE DE POINTE POUR
LES PAYS EN DEVELOPPEMENT.
- APPLICACION SELECTIVA DE LA BIOTECNOLOGIA AVANZADA EN LOS
PAISES EN DESARROLLO.

Vienna, 1982. 23 p.

UNIDO-ID/WG.382/2/ADD.1

<UNIDO pub> on selective application of advanced
<biotechnology> for <developing countries> (reference:
<ICGEB>) - covers (1) background and justification of
activities at the ICGEB (2) envisioned field activities of
Biological Resources Department Teams (BIORED); <research
and development> programmes to be carried out at the
Centre <pilot plant> (3) work plan, prerequisites,
<financial aspects> and five-year <budget> (4) <equipment>
requirements (5) formal <education> in biochemical
<engineering>; ICGEB postgraduate and <training
programmes>. <Bibliography>. Additional references:
<biochemistry>, <microbiology>.

ENGL FREN SPAN

35.50

11730

1982

Wu, Ray

UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

APPLICATION OF GENETIC ENGINEERING FOR ENERGY AND FERTILIZER
PRODUCTION FROM BIOMASS.

- APPLICACION DE LA INGENIERIA GENETICA A LA PRODUCCION DE
ENERGIA Y DE FERTILIZANTES A PARTIR DE LA BIOMASA.
- APPLICATION DU GENIE GENETIQUE A LA PRODUCTION D'ENERGIE ET
A LA PRODUCTION D'ENGRAIS A PARTIR DE LA BIOMASSE.

Vienna, 1982. 21 p.

UNIDO-ID/WG.382/2/ADD.2

<UNIDO pub> on application of <genetic engineering> for
<ethanol> and <fertilizer> production from <biomass>
(reference: <ICGEB>) - covers (1) need for efficient use
and conversion of renewable resources (such as <cellulose>
materials, <agricultural wastes>) into liquid <fuel>s;
inputs from genetic engineering and <biotechnology>;
analysis of cellulases from cellulolytic <microorganisms>;
cloning activities (2) fertilizer production using
biological systems; activities for improvement of <crop
yield>s (3) work plans; <cooperation> between the ICGEB
and other <research centre>s; <financial aspects>,
<budget>, <equipment> needs. <Bibliography>. Additional
references: <energy>, <nitrogen>-fixation.

ENGL SPAN FREN

35.50

11731

1982

Chakrabarty, Ananda

UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

HYDROCARBON MICROBIOLOGY WITH SPECIAL REFERENCE TO TERTIARY
OIL RECOVERY FROM PETROLEUM WELLS.

- MICROBIOLOGIE DES HYDROCARBURES, NOTAMMENT EN CE QUI
CONCERNE LA RECUPERATION TERTIAIRE DU PETROLE.
- MACROBIOLOGIA DE HIDROCARBUROS, CON ESPECIAL REFERENCIA A
LA RECUPERACION TERCIARIA DE LOS POZOS.

Vienna, 1982. 16 p.

UNIDO-ID/WG.382/2/ADD.3

<UNIDO pub> on <hydrocarbons> <microbiology>, with special
application in tertiary oil <recovery> from <petroleum>
<wells> (reference: <ICGEB>) - covers (1) characteristics
of <microorganisms>; advantages and disadvantages of the
microbial oil recovery system (2) construction of strains
for tertiary oil recovery; dewaxing and desulphurization
of crude oil; oil spill clean-up (3) work plan;
<cooperation> with other <research centre>s; <training>
prerequisites and <financial aspects>; five-year <budget>
(4) <equipment> needs. <Bibliography>. Additional
references: <biotechnology>, <wax>, <sulphur>.

ENGL FREN SPAN

35.50

11732

1982

Bukhari, Ahmad
Pettersson, Ulf
UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

APPLICATION OF GENETIC ENGINEERING AND BIOTECHNOLOGY FOR THE
PRODUCTION OF IMPROVED HUMAN AND ANIMAL VACCINES WITH
PARTICULAR REFERENCE TO TROPICAL DISEASES.

- APPLICACION DE LA INGENIERIA GENETICA Y DE LA BIOTECNOLOGIA
A LA PRODUCCION DE VACUNAS MEJORADAS PARA LOS SERES HUMANOS
Y PARA ANIMALES, CON PARTICULAR REFERENCIA A LAS
ENFERMEDADES TROPICALES.
- APPLICATION DU GENIE GENETIQUE ET DE LA BIOTECHNOLOGIE A LA
PRODUCTION DE VACCINS AMELIORES POUR L'HOMME ET LES
ANIMAUX, NOTAMMENT EN CE QUI CONCERNE LES MALADIES
TROPICALES.

Vienna, 1982. 34 p. tables.

UNIDO-ID/WG.382/2/ADD.4

<UNIDO pub> on use of <genetic engineering> and
<biotechnology> for production of improved
<pharmaceuticals>, with special regard to <tropical>
diseases (reference: <ICGEB>) - covers (1) important
infectious diseases; techniques involved in attacking
problems; construction of recombinant DNA; cell
technology; potential use of recombinant DNA for
production of vaccines; ongoing <research> (2) activities
including <training programmes> to be offered; work plan
(3) <cooperation> of the ICGEB with other <research
centre>s and clinical <laboratory>s (4) prerequisites;
<financial aspects>, five-year <budget>; <equipment>
needs. Additional reference: <health>.

ENGL SPAN FREN

35.50

11733 1982
McConnell, David
UNIDO
HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982
IMPROVED AGRICULTURAL AND FOOD PRODUCTS THROUGH GENETIC
ENGINEERING AND BIOTECHNOLOGY.
- AMELIORATION DES PRODUITS AGRICOLES ET ALIMENTAIRES PAR LE
GENIE GENETIQUE ET LA BIOTECHNOLOGIE.
- PRODUCTOS AGRICOLAS Y ALIMENTICIOS MEJORADOS MEDIANTE LA
INGENIERIA GENETICA Y LA BIOTECNOLOGIA.
Vienna, 1982. 20 p.
UNIDO-ID/WG.382/2/ADD.5
<UNIDO pub> on improved <agricultural products> and <food>
through <genetic engineering> and <biotechnology>
(reference: <ICGEB>) - covers (1) novel methods of plant
breeding; use of recombinant DNA techniques; novel
biological <pesticides>; <nitrogen> fixation,
photosynthesis and other complex processes of plants;
genetic engineering and <food technology> (2) activities:
<research and development>; work plan (3) <cooperation>
with other institutions and <research centre>s (4)
prerequisites; <financial aspects>, five-year <budget>;
<equipment> needs and special <laboratory> facilities.
ENGL FREN SPAN
35.50

11734 1982
Heden, Carl-Goran
UNIDO
HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982
BIO-INFORMATICS.
- BIO-INFORMATIQUE.
Vienna, 1982. 13 p.
UNIDO-ID/WG.382/2/ADD.6
<UNIDO pub> on bio-<informatics>, denoting the area of
interaction between information technology and the life
<science>s, including <biotechnology> (reference: <ICGEB>)
- covers (1) background and justification of related
<research programmes> at the proposed ICGEB (2) specific
activities and work plan (3) prerequisites; <financial
aspects>, <budget>. <Bibliography>. Additional references:
<microbiology>, <ecology>, <resources conservation>.
ENGL FREN
35.50

11735

1982

UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

PROPOSED BUDGET OF THE INTERNATIONAL CENTRE FOR GENETIC
ENGINEERING AND BIOTECHNOLOGY.

- PROJET DE BUDGET DU CENTRE INTERNATIONAL POUR LE GENIE
GENETIQUE ET LA BIOTECHNOLOGIE.
- PROYECTO DE PRESUPUESTO DEL CENTRO INTERNACIONAL DE
INGENIERIA GENETICA Y BIOTECNOLOGIA.

Vienna, 1982. 7 p. tables.

UNIDO-ID/WG.382/3

<UNIDO pub> giving a five-year budget for the proposed
<ICGEB> - covers (1) <capital investment> for the Centre's
establishment (<laboratory> and other <equipment>) (2)
operational <costs> for the initial five years, including
<staff> and activities. <Manning table>. Additional
references: <budget>, <research centre>, <biotechnology>.

ENGL FREN SPAN

35.50

11736

1982

UNIDO

HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

CONSIDERATIONS RELATED TO THE LOCATION OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY.

- CONSIDERATIONS SUR LE CHOIX DU SIEGE DU CENTRE
INTERNATIONAL POUR LE GENIE GENETIQUE ET LA BIOTECHNOLOGIE.
- CONSIDERACIONES RELACIONADAS CON LA UBICACION DEL CENTRO
INTERNACIONAL DE INGENIERIA GENETICA Y BIOTECNOLOGIA.

Vienna, 1982. 7 p. diagrams.

UNIDO-ID/WG.382/4

<UNIDO pub> considering location of the <ICGEB> - relates
to (1) criteria for location and <site assessment> for the
Centre (2) physical facilities, <building design>,
<infrastructure>, <utilities>, <social aspects>, etc. (3)
offers made by governments for hosting the Centre.
<Diagram>s. Additional references: <biotechnology>,
<research centre>.

ENGL FREN SPAN

35.50

11737

1982

Aquirre, Carlos
Heredia, Roberto
UNIDO

UNIDO/ECLA EXPERT GROUP MEETING ON IMPLICATIONS OF
MICROELECTRONICS FOR THE ECLA REGION, MEXICO CITY, 1982
ELEMENTOS PARA EL ESTABLECIMIENTO DE UN PROGRAMA REGIONAL DE
ACCION EN EL AREA DE LA MICROELECTRONICA. MONOGRAFIAS DE
PAISES.

- ELEMENTS FOR THE FORMULATION OF A REGIONAL PROGRAMME OF
ACTION IN THE AREA OF MICROELECTRONICS. COUNTRY PAPER.

Vienna, 1982. 21 p.

UNIDO-ID/WG.372/10

'UNIDO pub> on development of a <regional cooperation>
programme for the <Andean Group> in the field of micro
<electronics> - covers (1) relevant framework provided by
the Cartagena Agreement; objectives in development of
<science> and <technology>; <technology policy>s;
priorities (2) role of <electronics industry> in
<industrial development> (3) components of a regional
programme of action. Additional references: <Bolivia>,
<Chile>, <Colombia>, <Ecuador>, <Peru>, <technology
transfer>.

SPAN ENGL

38.10

11738

1982

Galli, E.
Herrera, R.
Welch, M.
UNIDO

UNIDO/ECLA EXPERT GROUP MEETING ON IMPLICATIONS OF
MICROELECTRONICS FOR THE ECLA REGION, MEXICO CITY, 1982
TELECOMUNICACIONES Y MICROELECTRONICA: ALGUNAS OBSERVACIONES.
MONOGRAFIAS DE PAISES: ARGENTINA, GUYANA, PERU.
- TELECOMMUNICATIONS AND MICROELECTRONICS: SOME OBSERVATIONS.
COUNTRY MONOGRAPHS: ARGENTINA, GUYANA, PERU.

Vienna, 1982. 11 p.
UNIDO-ID/WG.372/11

<UNIDO pub> on the implications of micro<electronics> for
<telecommunications industry> in <Latin America> - covers
(1) steps required to achieve necessary <regional
cooperation> and co-ordination of relevant <development
planning>, <technology policy>, <research>, <technology
transfer>, etc. (2) meeting proposals for 1983 (3) areas
of application of microelectronics in telecommunications;
problems of <rural area>s. Additional references:
<infrastructure>, <institutional framework>.

SPAN ENGL
38.10

11735
Filipello, O.
Sagarzazu, R.
UNIDO

1982

UNIDO/ECLA EXPERT GROUP MEETING ON IMPLICATIONS OF
MICROELECTRONICS FOR THE ECLA REGION, MEXICO CITY, 1982
EL DESARROLLO DE LA MICROELECTRONICA EN LA ARGENTINA.

MONOGRAFIA SOBRE EL PAIS.

- THE DEVELOPMENT OF MICROELECTRONICS IN ARGENTINA. COUNTRY
MONOGRAPH.

Vienna, 1982. 21 p. diagrams.

UNIDO-ID/WG.372/12

<UNIDO pub> on the development of micro<electronics> in
<Argentina> - covers (1) significance of applications for
<industrial development>, telecommunications and
<information processing>; social and <economic
implications> of resulting <technological change>;
<financing> of required <infrastructure>, <training>;
<research and development>; <technology transfer>;
manufacture of <components> for <electrical equipment>
including <computer>s; <regional cooperation> (2)
<organizational aspects> and activities of a <research
centre> (CENICE). <Diagram>s. Additional references:
<telecommunications industry>, <integrated circuits>.

SPAN ENGL

38.10

11740

1382

Indacochea, Enrique
UNIDO

JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982

COMMENTS REGARDING THE ESTABLISHMENT OF A NETWORK SYSTEM AND
A REGIONAL CENTRE FOR MINI AND SMALL HYDROPOWER, FOR THE
ESCAP COUNTRIES, TAKING INTO CONSIDERATION THE EXPERIENCES
OF LATIN AMERICA.

Vienna, 1982. 39 p. diagrams.

UNIDO-ID/WG.376/3

<UNIDO pub> on establishment of a network system and a
regional centre for small <hydroelectric power> generation
under <ESCAP> <regional cooperation>, based on experience
in <Latin America> - covers (1) the case of Latin America
in <energy> co-operative programmes (PLACE, OLADE) (2)
concept, scope, activities and <organizational aspects> of
a <regional> network system and its application in member
countries (3) <management> and operation of the regional
centre: <research and development>, experimental
<infrastructure>, <training centre> (4) requirements at
the <national level>: development of projects and
<technology> and manufacture of <equipment>; <information
exchange> and <training>.

ENGL

34.20

11741

1982

Asif Ali Sheikh
UNIDO

JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982

COUNTRY PAPER - PAKISTAN. (SMALL HYDROELECTRIC POWER
GENERATION).

Vienna, 1982. 9 p.

UNIDO-ID/WG.376/4

<UNIDO pub> on development of small <hydroelectric power>
generation (SHG), based on experience in <Pakistan> -
covers (1) SHG as a desirable <energy source>; <economic
implications> (2) specific country experience (40 micro-
units installed since 1975) (3) <technological change> (4)
points to be considered in the concept of a Regional
Network System for <ESCAP> member countries (5) needs for
<national level> <research and development> (6) <training>
needs. Additional references: <regional cooperation>,
<industrial institutions>.

ENGL

34.20

11742

1982

Deverajan, B.R.
UNIDO

JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982

TECHNOLOGICAL NETWORK FOR SMALL HYDRO POWER GENERATION.

Vienna, 1982. 4 p.
UNIDO-ID/WG.376/5

<UNIDO pub> on <regional cooperation> in <technology>
network for small <hydroelectric power> generation in the
<ESCAP> region - covers (1) the network concept; role and
specific functions of participating institutions;
supporting role of sponsoring organizations (2) an Asian
and Pacific technological network for SAG; programme
components dealing with: hydrology, <water> flow, geology;
<equipment>; <electric power distribution> and <pricing>;
<social aspects> and <economic aspects>, etc. (3)
relationship of the network to the Regional Centre in
Hangzhou, <China> (4) <financing> the network; work
programmes for the Centre (5) SHG experience in <India>.

ENGL
34.20

11743

1982

UNIDO

ARAB ENERGY CONFERENCE, 2ND, DOHA, QATAR, 1982
ANALYTICAL NOTES ON THE 2ND ARAB ENERGY CONFERENCE.
Vienna, 1982. 35 p.

UNIDO-UNIDO/IS.342

<UNIDO pub>. <Report> on a <meeting> concerning <energy>
issues in <Arab countries> - covers (1) a conference
considering and analysing <energy source>s available,
prospects, the energy impact on <industrial development>,
and <economic implications> (2) energy <demand> (3)
sources: <petroleum> and <natural gas>; <electric power>;
<tar> <sand>, <bitumen> shale and heavy oils; <renewable
energy>, <solar energy>, <nuclear energy>, etc. (4)
<petroleum industry>, <refining>, <petrochemicals>,
<plastics>, <synthetic fibres>; <equipment> and <sea
transport> (5) <manpower needs> and <training>.
<Recommendations> and proposals. <List of documents>.
Additional references: <energy conservation>, <investment>.

ENGL
34.10

11744 1982
Panitchpakdi, Supachai
UNIDO
CO-OPERATION IN INDUSTRIAL FINANCING IN ASEAN. STUDIES ON
REGIONAL CO-OPERATION IN THE FIELD OF INDUSTRY.
Vienna, 1982. 32 p. tables, diagram.
UNIDO-UNIDO/IS.346
<UNIDO pub> on <regional cooperation> in industrial
<financing>, with special reference to <ASEAN> - covers
(1) <industrialization> and industrial finance in ASEAN
(2) ASEAN industrial co-operation: <industrial project>s;
Industrial Complementation Scheme (3) <source of funds>:
<financial aid> from other countries ASEAN financial
institutions (<development bank>s); other arrangements.
<Recommendations>, <diagram>.
ENGL
29.10

11745 1982
Metais, J.
Parly, J.M.
Poix, M.
UNIDO
CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
INFORMATION PAPER. THE EFFECT OF THE NEW MACROECONOMIC
POLICIES OF THE INDUSTRIAL COUNTRIES ON DEVELOPMENT
PROSPECTS.
- DOCUMENT D'INFORMATION. L'INFLUENCE DES NOUVELLES
POLITIQUES MACROECONOMIQUE DES PAYS INDUSTRIELS SUR LES
PERSPECTIVES DU DEVELOPPEMENT.
Vienna, 1982. 52 p. tables.
UNIDO-UNIDO/PC.44
<UNIDO pub> on the effect of new <economic policy>s of
<developed countries> on prospects of <industrial
development> (reference: <macroeconomics>, <financing>) -
covers (1) turning point for the world economy (reached in
1978) directing the macroeconomic policies of the dominant
countries into deflationary paths and increasing the
pressure of them to pass the <balance of payments>
deficits generated by the oil shock onto the <developing
countries> (2) ambiguities difficulties involved in these
policies (3) their harmful implications for industrial
development: the contraction of world <trade> and revival
of <protectionism> and the increasing fragility of the
international financial system and the relative eviction
of the DCs from the <capital market>s. <Statistics>.
Additional reference: <interest>.
ENGL FREN
14.10

11746

1982

Pearce, Joan
UNIDO

CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
INFORMATION PAPER. POLICIES FOR EXPORT CREDIT AGENCIES IN
FINANCING OF TRAINING COMPONENTS IN INDUSTRIAL PROJECTS.

Vienna, 1982. 40 p.

UNIDO-UNIDO/PC.54

<UNIDO pub> on <export> <credit policy>s in <financing>
<training> components in <industrial project>s - covers
(1) official support given to export credit (2) the
<supply> and <demand> for industrial training (3) the
<costs> of export credit (4) the national and
international <institutional framework> within which
export credit agencies operate (5) export credit systems
of <France>, <Germany FR>, <Japan>, <UK> and <USA>.
Additional references: <cost of capital>, <credit
insurance>, <banks>.

ENGL

29.10

11747

1982

Klintoe, Kjeld
UNIDO

(R) TANZANIA. TECHNICAL REPORT: THE DEVELOPMENT OF TIRDO'S
ACTIVITY IN TECHNOLOGICAL INFORMATION SERVICES FOR INDUSTRY.
Vienna, 1982. 29 p. tables.

::::

<UNIDO pub>. <Expert report> on assistance to an
industrial <research centre> in <Tanzania>, with special
reference to development of <information service>s -
covers (1) an assignment aimed at setting up an
operational unit at TIRDO providing technological
information, <industrial extension>, <consulting>,
reference and <documentation> services (2) application of
the <marketing> approach on technological information and
expertise as a commodity; <industrial enterprise>s as
prospective clients (3) the TIRDO Information Department;
<organizational aspects>, <staff>. <Recommendations>,
background <bibliography>, list of documents provided.
<Restricted>.

ENGL

01.20

11748 1982
Kumar, R.
JNIDO
STATUS OF THE SEMI-PRODUCTS ALUMINIUM INDUSTRY IN SOME
DEVELOPING COUNTRIES.
Vienna, 1982. 159 p. tables.

UNIDO-UNIDO/IO.512

<UNIDO pub>. <Survey> of the <semimanufactured products>
<aluminium industry> in <developing countries> - covers
(1) <gross domestic product> and <aluminium>
<consumption>; <electric power> and <industrialization>
(2) aluminium industry: a modular approach; <bauxite> and
<alumina>; production of aluminium; structure of the
primary aluminium industry in DCs; <world production> and
<world consumption> of aluminium; consumption pattern;
semi-manufactures in DCs (2) relevant information from 38
countries. <Statistics>, <bibliography>, <directory> of
<industrial enterprise>s in DCs. Additional references:
<energy>, <import substitution>.

ENGL

36.10

11749 1982
ILO
UNIDO
TANNING OF HIDES AND SKINS. UNIDO/ILO TECHNICAL MEMORANDUM
NO.1.
Vienna, 1982. 225 p. tables, diagrams.

UNIDO-UNIDO/IS.326

<UNIDO pub> on <tanning> of <hides and skins> - covers (1)
issues in <choice of technology> for <leather> manufacture
(2) selection and <storage> of skins and hides (3) tanning
technologies and projects (4) inputs, outputs, <work
organization>; description of process and overall project
features for tanneries producing (a) 200 hides per day (b)
twenty hides per day (c) 200 skins per day and (d) two
hides per day (very small <rural industry>) (5) framework
for project <costing>, <project evaluation> (6) national
leather production strategy; <social aspects>, <economic
aspects>. Lists <equipment> manufacturers and some
<research centre>s. <Bibliography>, <statistics>,
<diagram>s, <glossary>, <questionnaire>.

ENGL

32.40

11750
Coleman, Thomas
UNIDO

1982

(R) SIERRA LEONE. TECHNICAL REPORT: DEVELOPMENT OF STONE
CUTTING AND POLISHING INDUSTRY.

SI/SIL/80/801

Vienna, 1982. 40 p. tables, maps.

:::::

<UNIDO pub>. <Expert report> on development of <stone>
cutting and <polishing> industry in <Sierra Leone>
(reference: <building materials>) - covers (1)
availability, quality and <development potential> of local
stone deposits (2) aspects related to the exploitation of
the deposits such as extraction, <choice of technology>s,
utilization and <marketing> (3) <planning> for the future
development of stone cutting and polishing industry and
the setting up of a <pilot plant>. <Recommendations>,
<maps>. Additional references: geological formations,
<economic aspects>, <production costs>. <Restricted>.

ENGL

33.20

11751 1982

Tcheknavorian-Asenbauer, A.
Wijesekera, R.O.B.

UNIDO

MEDICINAL AND AROMATIC PLANTS FOR INDUSTRIAL DEVELOPMENT. A REVIEW OF UNIDO ACTIVITIES ON THE UTILIZATION OF MEDICINAL AND AROMATIC PLANTS FOR THE PRODUCTION OF PHARMACEUTICALS IN DEVELOPING COUNTRIES.

- PLANTAS MEDICINALES Y AROMATICAS EN EL DESARROLLO INDUSTRIAL. EXAMEN DE LAS ACTIVIDADES DE LA ONUDI SOBRE LA UTILIZACION DE PLANTAS MEDICINALES Y AROMATICAS PARA LA FABRICACION DE PRODUCTOS FARMACEUTICOS EN PAISES EN DESARROLLO.

Vienna, 1982. 106 p. tables, maps.

UNIDO-UNIDO/IO.505

<UNIDO pub> on exploitation of aromatic and <medicinal plants> in <developing countries> for production of <pharmaceuticals>, with special reference to the <role of UNIDO> assistance - covers (1) worldwide interest in therapeutic value of such plants; plants located and collected in <Afghanistan>, <Nepal>, <Africa>n <least developed countries>, and in <Arab countries> (2) programme for development of cultivation of <plant products> industry; manufacturing of extracts, <essential oils>, <chemicals> from available <raw material>s (3) <appropriate technology>, <quality control>, <training> of <technical personnel>; <equipment>, <standardization>. <Recommendations>, tables, <maps>, <bibliography>.

ENGL SPAN

31.10

11752 1982
Zainal Abidin, M.Z.
UNIDO
JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982
REGIONAL NETWORK SYSTEM FOR SHG-MHG ACTIVITIES FOR MEMBER
COUNTRIES OF ESCAP REGION.
Vienna, 1982. 16 p. diagram.

UNIDO-ID/WG.376/6

<UNIDO pub> on <regional cooperation> of <ESCAP> countries
in a network system for small <hydroelectric power>
generation - covers (1) background of efforts (2)
activities required for effective organization of such a
system: <feasibility study>s, design, construction,
<turbines> manufacture, <management>, <research and
development>, <maintenance and repair> (3) creation of a
Regional Network Centre to act as a secretariat and for
handling <administrative aspects> (4) need for R&D in this
field, with attention to <engineering design>,
<standardization>, etc. (5) <training> needs at the
<national level>. <Diagram>.

ENGL
34.20

11753 1982
Lessard, Donald R.
UNIDO
CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
INFORMATION PAPER. APPROPRIATE NON-CONSESSIONAL INDUSTRIAL
FINANCING FOR DEVELOPING COUNTRIES.
Vienna, 1982. 37 p.

UNIDO-UNIDO/PC.48

<UNIDO pub> on industrial <financing> for <developing
countries> - (1) outlines steps that can be taken to
improve industrial finance for DCs within the existing
structure of financial institutions and global
arrangements without a significant increase in the grant
elements of such financing (2) covers (a) varieties of
industrial finance (b) characteristics of appropriate
arrangements (c) measures to improve non-specific
international finance (d) measures to improve <industrial
project> or <industrial enterprise> level financing.
<Bibliography>. Additional references: <capital market>,
<financial aid>, <banking>, risk, <incentives>.

ENGL
29.10

11754 1982
UNIDO
MEETING OF THE COMMITTEE OF EXPERTS ON PHARMACEUTICALS,
PARIS, 1982.
AVAILABILITY, PRICING AND TECHNOLOGY OF ESSENTIAL DRUGS AND
THEIR INTERMEDIATES.
Vienna, 1982. 42 p. tables.
UNIDO-UNIDO/PC.52
<UNIDO pub> on <supply>, <pricing> and technology of
essential <pharmaceuticals> and their <intermediates> -
covers (1) <comparative costs> of <domestic production> of
eight basic drugs as against <import>s; price data;
analysis of <production costs>; cost of <raw material>s
used (2) <cooperation> by <developing countries> and
<transnational corporations> for <technology transfer>.
<Recommendations>, tables. Additional reference: <import
substitution>.
ENGL
35.60

11755 1982
Vallet, Philippe J.
UNIDO
(R) ZAIRE. RAPPORT TECHNIQUE: ETUDE ET REALISATION D'UN
ATELIER PILOTE AGRO-ALIMENTAIRE. (IRS, CENTRE DE
LUBUMBASHI).
DP/ZAI/71/539
Vienna, 1982. 80 p. tables, diagrams.
UNIDO-DP/ID/SER.B/346
<UNIDO pub>. <Expert report> on assistance to <Zaire>
regarding establishment of a <pilot plant> for <food
industry> - covers (1) installation of <utilities>,
<training> of <staff>; <equipment>; <costs> (2) technical
guidelines for utilization of installed <machinery>,
including <maintenance and repair>; <spare parts>
requirements. <Recommendations>, <factory layout>.
Additional reference: <research centre>. <Restricted>.
FREN
31.30

11756
Heizog, J.H.
UNIDO

1982

(R) CAMEROUN. ANALYSE DES BESOINS EN PIECES DE RECHANGE ET
ETABLISSEMENT D'UN PROGRAMME DE PRODUCTION AU SEIN DE
L'ATELIER DE BASSA AU CAPME.

DP/CMR/79/012

Vienna, 1982. 76 p. tables.

UNIDO-DP/ID/SER.B/349

<UNIDO pub>. <Final report> on need for and potential
production of <spare parts> at a <workshop> for <small
scale industry> in <Cameroon> - covers (1) national
requirements for <tools>, <agricultural equipment>,
equipment for <animal power> (2) <market> for <machinery
industry>; <import>s; plans for increase of <domestic
production> requiring assistance in <management>,
<marketing> and <training>; <technical assistance>;
<equipment> <stock> requirements. <Recommendations>,
<statistics>. <Restricted>.

FREN

25.20

11757
Berahek, B.
Marek, A.
Muller, J.
UNIDO

1982

UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
SANITARY WARE MANUFACTURE. TECHNICAL-ECONOMIC INFORMATION ON
FIRING PROCESS.

Vienna, 1982. 18 p. tables, diagrams.

:::::

<UNIDO pub> on manufacture of <sanitary wares>, with
special reference to <kiln>s and the <ceramics industry>
in <Mozambique> - covers (1) relative advantages and
disadvantages of firing processes based on <natural gas>
or <electric power> (2) <equipment costs> and <production
costs>; <choice of technology> involved.
<Recommendations>, tables, <diagram>s.

ENGL
33.30

11758
Sanesi, Nicola
UNIDO

(R) URUGUAY. UNIDAD ASESORA DE PROMOCION INDUSTRIAL.
MINISTERIO DE INDUSTRIA Y ENERGIA. INFORME DE MISION.
DP/URU/78/013
Vienna, 1982. 146 p. tables.

:::::
<UNIDO pub>. <Final report> regarding assistance to an
<industrial promotion> unit in <Uruguay> - covers (1)
evaluation of external and internal <market>, constraints
to their development; <credit policy>s for <export
promotion> (2) requirements: <commercialization> plan for
<export oriented industry>; <consumption> statistics and
sectoral studies. Annexes analysis of <fish> <enterprise>
and basic comprehensive information on country.
<Recommendations>, tables, <statistics>, extensive
<bibliography>. Additional references: <industrial
information>, <manufacturing>. <Restricted>.

SPAN
14.70

11759
Karuga, J.G.
UNIDO

SEMINAR ON FORMS AND IMPACTS OF REDEPLOYMENT OF INDUSTRIES TO
DEVELOPING COUNTRIES, VIENNA, 1979
REDEPLOYMENT OF INDUSTRY FROM DEVELOPED TO DEVELOPING
COUNTRIES; ITS SCOPE AND APPLICATION TO KENYA.
Vienna, 1979. 27 p. tables.

UNIDO-ID/WG.315/1
<UNIDO pub> on <industrial redeployment> with special
reference to its application to <Kenya> - covers (1) the
<manufacturing> sector; <industrial policy>; the current
industrial <development plan>; <project evaluation>;
strategic industries and <foreign investment> (2;
redeployment policies: promotion of <capital goods>,
resource-based industries (<food industry>, processing,
<timber>, <textiles>, <leather>) (3) <import>s and
<export>s. Tables. Additional reference: <technology
transfer>.

ENGL
14.60

11760 1979
Moraes Rego, Luis Carlos A.
UNIDO
SEMINAR ON FORMS AND IMPACTS OF REDEPLOYMENT OF INDUSTRIES TO
DEVELOPING COUNTRIES, VIENNA, 1979
THE JOINT VENTURE - A VIABLE SOLUTION IN THE BRAZILIAN
BUSINESS ENVIRONMENT.
Vienna, 1979. 5 p.
UNIDO-ID/WG.315/2
<UNIDO pub> on the role of <joint venture>s (JV) in
<industrial development> in <Brazil> - covers:
<definition> of joint venture; how to develop JVs; JVs
with national <entrepreneur>s or with foreign partners.
Additional references: <industrial redeployment>,
<technology transfer>, <foreign investment>.
ENGL
21.30

11761 1979
Quintana, Carlos
UNIDO
SEMINAR ON FORMS AND IMPACTS OF REDEPLOYMENT OF INDUSTRIES TO
DEVELOPING COUNTRIES, VIENNA, 1979
REDEPLOYMENT FROM DEVELOPED TO DEVELOPING COUNTRIES: THE CASE
OF MEXICO.
Vienna, 1979. 21 p. tables.
UNIDO-ID/WG.315/4
<UNIDO pub> on <industrial redeployment> to <developing
countries>, with special reference to <Mexico> - covers
(1) aims of the national plan for <industrial development>
(2) industrial <cooperation> and <trade> with other
countries: <import>s (<machinery>, <equipment> and
manufactured products) (3) <export>s (<food>s, <mineral
resources>) (4) forms of industrial co-operation,
redeployment plans from <developed countries>; <employment
policy>; degree of <foreign investment>, <incentives>,
<technology transfer>; relevant <legislation>. Tables.
ENGL
14.60

11762 1979
Kuruc, Bilsay
UNIDO
SEMINAR ON FORMS AND IMPACTS OF REDEPLOYMENT OF INDUSTRIES TO DEVELOPING COUNTRIES, VIENNA, 1979
FORMS AND IMPACTS OF REDEPLOYMENT OF INDUSTRIES TO DEVELOPING COUNTRIES - THE CASE OF TURKEY.
Vienna, 1979. 6 p. tables.
UNIDO-ID/WG.315/6
<UNIDO pub> on <industrial redeployment> from developed to <developing countries>, with special reference to the case of <Turkey> - covers (1) desirability of international <cooperation>; <technology transfer> and accompanying problems; the example of the <textile industry> (2) the <development plan> of Turkey; <TCDC>; <role of UNIDO>. Tables. Additional reference: <international division of labour>.
ENGL
14.60

11763 1982
Mouchot, Guy
UNIDO
(R) REPUBLIQUE DU CAP VERT. FABRICATION SEMI-INDUSTRIELLE DE RECIPIENTS EN VERRE.
RP/CVI/81/001
Vienna, 1982. 93 p. tables, maps, illus.
:::::
<UNIDO pub>. <Final report> regarding assistance to development of <glass industry> in <Cape Verde> - covers (1) desirability of manufacturing <bottles> as <containers> of high quality local <mineral water> and of <beer> (2) geological <survey> of islands for basic <raw material>s; their <chemical analysis> (3) <marketing> possibilities, <appropriate technology>, necessary <investment>s; <social aspects>, <economic aspects>. <Recommendations>, <statistics>, <diagram>s, <maps>, illustrations. <Restricted>.
FREN
33.40

11764 1982
Bhaduri, Amit
UNIDO
CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
AN ANATOMY OF THE "COUNTRY RISK" CONCEPT IN THE CONTEXT OF
EXTERNAL DEBT OF THE DEVELOPING COUNTRIES.
- ANATOMIE DU CONCEPT DE "RISQUE LIE AU PAYS" DANS LE
CONTEXTE DE L'ENDETTEMENT EXTERIEUR DES PAYS EN
DEVELOPPEMENT.
vienna, 1982. 5 p.
UNIDO-UNIDO/PC.45
<UNIDO pub> on industrial <financing> for <developing countries>, with special reference to "country risk" run in <loan> arrangements - covers: <definition> of "country risk" as lender's as well as borrower's risk; country risk assessment; components of analysis; inadequacies of present system; need to avoiding the "debt-trap".
Additional references: <banking>, external debt.
ENGL FREN
29.10

11765 1980
Grotte, Milan
Stockert, Miroslav M.S.
UNIDO
UNIDO/CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
CLAY SAMPLES FROM PAPUA NEW GUINEA: TECHNOLOGICAL EVALUATION.
Vienna, 1980. 33 p. tables, illus.
UNIDO-UNIDO/IOD.342
<UNIDO pub>. <Expert report> on <clay> from <Papua New Guinea> and its potential use for manufacture of <bricks> and <ceramics> - gives <evaluation> of prescribed properties of sixteen clay samples and one <limestone> sample, based on <testing>, with a view to their possible use as <raw material> for brick and pottery production.
Tables, <chemical analysis>, illustrations.
ENGL
33.30

11766

1982

UNIDO

METAL PRODUCTION DEVELOPMENT UNITS. DEVELOPMENT AND TRANSFER
OF TECHNOLOGY SERIES NO. 16.

Vienna, 1982. X, 70 p. diagrams, tables.

UNIDO-ID/271

<UNIDO pub> on promotion of <metalworking industry> in
<developing countries> through creation of metal
production development units (MPDU) - covers (1) the
concept of th MPDU as a prototype facility offering
relevant <infrastructure>, <industrial services>,
<technical assistance> and <training> (2) <metals>
forming; <choice of technology>; typical <metal products>;
<tools> and <machinery> (3) <casting>; proposed <foundry>
unit; adaptation of casting processes for DCs.
<Statistics>, <diagram>s, <factory layout>, <manning
table>s. Additional references: <forging>, <engineering
design>, <capital investment>, <costs>, <staff>.

ENGL

37.10

11767

1982

Dziecielewski, W.J.

UNIDO

(R) PAKISTAN. CAPITAL GOODS PROJECT. AGRICULTURAL MACHINERY
AND EQUIPMENT INDUSTRY.

DP/PAK/76/003

Vienna, 1982. 50 p. illus.

:::::

<UNIDO pub>. <Expert report> on development of the
<agricultural machinery> industry in <Pakistan> - covers
(1) importance of <agriculture>; problems connected with
<soil>, <irrigation>, small size of farm holdings,
preponderance of <animal power> implements, <crop yield>
(2) agricultural machinery in use, extent of <agricultural
mechanization>; <tractors> and <import> regulations;
proposals for <domestic production> of improved animal
drawn <agricultural equipment>; need for <repair shop>s
and <agricultural extension> services. <Recommendations>,
illustrations. Additional references: <sugar cane>,
<cotton>, <oilseeds>, <wheat>, <rice>, fodder.
<Restricted>.

ENGL

37.20

11768 1979
UNIDO
INFORMATION SOURCES ON LEATHER AND LEATHER PRODUCTS
INDUSTRIES. UNIDO GUIDES TO INFORMATION SOURCES, NO. 3.
(REVISED EDITION).
Vienna, 1979. xii, 86 p.
UNIDO-ID/226
UNIDO-UNIDO/LIB/SER.D/3/REV.1
<UNIDO pub>. <Directory> to sources of <industrial
information> on <leather industry>. <Bibliography>.
ENGL
32.40
\$ 4.00

11769 1982
UNIDO
OAU
ECA
A PROGRAMME FOR THE INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA.
- UN PROGRAMME POUR LA DECENNIE DU DEVELOPPEMENT INDUSTRIEL
DE L'AFRIQUE.
New York, UN, 1982. 217 p. tables, diagrams.
UNIDO-ID/287
<UNIDO pub> on <industrial development> in <Africa> during
the 1980s - covers (1) formulation and implementation of
the decade programme on the <national level> and at
<regional level>s; strategy of <self help>; <TCDC>;
<interregional> and <regional cooperation> (2) strategies
for major priority subsectors: <food>, <textiles>, <wood
processing>, <building materials>, <metallurgy>,
<chemicals>, <metalworking industry>, <small scale
industry>, <packaging> (3) major factor and related inputs
(4) modalities for programme implementation. <Statistics>.
Additional references: <natural resources>, <metals>,
<mineral resources>, <agriculture>, <forestry>, <energy>,
<environment>, <institutional framework>, <training>,
<financing>.
ENGL FREN
14.60

11770 1982
Vidossich, Franco
UNIDO
(R) RECURSOS HUMANOS Y COMPLEJIDAD TECNOLOGICA DE LOS BIENES
DE CAPITAL.
Vienna, 1982. 106 p. tables, diagrams.
:::::
<UNIDO pub>. <Expert report> on <training> of <manpower>
for production of <capital goods> - covers (1) background
of problems (2) levels of complexity of products and of
<technology> of <manufacturing> processes;
<classification> of required <skills> (3) <skilled
workers>, <technicians> and <engineers> in the <electrical
machinery> industry; levels of instruction (4) required
<infrastructure> and <methodology> for <training
programmes>; training needs for elementary
<industrialization> levels. <Statistics>, <diagram>s.
<Restricted>.
SPAN
12.40

11771 1982
UNIDO
MEETING OF COMMITTEE OF EXPERTS ON PHARMACEUTICALS, PARIS,
1982
DIRECTORY OF SOURCES OF SUPPLY OF 26 ESSENTIAL BULK DRUGS,
THEIR CHEMICAL INTERMEDIATES AND SOME RAW MATERIALS.
Vienna, 1982. 2 vol. (various pagings).
UNIDO-UNIDO/PC.51
UNIDO-UNIDO/PC.51/ADD.1
<UNIDO pub>. <Directory> of sources of <supply> of
essential bulk <pharmaceuticals>, their chemical
<intermediates> and some raw materials - (1) covers the 26
bulk drugs jointly selected by <UNIDO> and <WHO>, from the
WHO list of essential drugs for consideration at the first
consultation on the <pharmaceutical industry> (1980) (2)
identifies worldwide sources of supply of some major <raw
material>s and intermediates required for the <domestic
production> of these drugs (3) covers (in addendum) a
method to assist <developing countries> in analysing the
impact of the <prices> of intermediates on <production
costs> of essential bulk drugs.
ENGL
35.60

11772 1982
Haq, M.T.
UNIDO
RURAL INDUSTRIALIZATION POLICIES AND PROGRAMMES IN ASEAN
COUNTRIES.

Vienna, 1982. 101 p. tables, maps.

UNIDO-UNIDO/IS.347

<UNIDO pub>. Study on <industrialization policy>s and programmes relating to promotion of <rural industry> in <ASEAN> countries. with special reference to <Indonesia>, <Malaysia>, <Philippines> and <Thailand> - covers (1) the role of industry in <rural development>; suitable categories of industrial activity; broader <economic implications> of rural industrialization; relevant experience in <China> (2) country studies (3) some issues for discussion. <Statistics>, <maps>, <bibliography>. Additional references: <small scale industry>, <cottage industry>, <handicraft promotion>, <institutional framework>.

ENGL

21.40

11773 1982
Gallagher, Denis M.
UNIDO
(R) ZAMBIA. EXPORT PROMOTION. FINAL REPORT.
Vienna, 1982. 86 p. tables, map.

:::

<UNIDO pub>. <Final report> regarding <export promotion> for manufactured products from <Zambia> - covers (1) <manufacturing> sector and its <export> potential; government <incentives> and <foreign exchange>; <import restrictions> (2) <institutional framework> of export promotion; analysis of major constraints; possible policy reforms including <marketing> advisory service, <research>, <trade> information; <trade fair>s. <Recommendations>, <statistics>, <maps>, <bibliography>. Additional references: <sugar>, <molasses>, <limestone>, <cement>, <copper> <cable>s, <clothing>. <Restricted>.

ENGL

16.20

11774 1982
Fancourt, W.G.
UNIDO
(R) CHINA. PROJECT FOR THE MANUFACTURE OF ALUMINIUM DOORS AND
WINDOWS IN GUANGZHOU. WINDOW AND DOOR DESIGN AND FACTORY
LAYOUT.
Vienna, 1982. 22 p.
:::::
<UNIDO pub>. <Expert report> regarding manufacture of
<aluminium> doors and windows in <China> (reference:
<metal products>, <housing>) - covers (1) wind pressure
and <glass> strength as factors which determine <product
design>; <testing> methods; safety, <temperature>,
cleaning <specifications> (2) <costs>, <standards>;
<factory layout>, <construction industry>.
<Recommendations>. <Restricted>.
ENGL
33.10

11775 1982
Figueras Pla, Armando
UNIDO
(R) INFORME SOBRE LA SITUACION DE "INDUSTRIA PAPELERA DE
TARIJA S.A." EN SIDRAS, BOLIVIA.
SI/BOL/82/801
Vienna, 1982. 1 vol. (various pagings). tables, diagrams.
:::::
<UNIDO pub>. <Final report> on assistance to a <pulp and
paper industry> in <Bolivia> - covers (1) existing
installations at <factory>; <factory layout>; facilities
for: chopping and shredding; <cellulose> <refining>,
<bleaching>, <machinery>, <boilers>, <utilities>, <power
supply>, <water supply>; <quality control>, <transport>
and type of <raw material> (<tree species>) (2) <market>;
<bilateral> <technical assistance> discussions with
<Spain>; <cooperation> with <Argentina>.
<Recommendations>, tables, <diagram>s, <job description>.
<Restricted>.
SPAN
32.10

11776
UNIDO

1982

INFORMATION SOURCES ON THE AGRICULTURAL IMPLEMENTS AND
MACHINERY INDUSTRY. UNIDO GUIDES TO INFORMATION SOURCES,
NO. 8. (REVISED EDITION).

Vienna, 1982. xii, 108 p.

UNIDO-ID/270

UNIDO-UNIDO/LIB/SER.D/8/REV.1

<UNIDO pub>. <Directory> to sources of <industrial
information> on <agricultural machinery> and implements
industry. <Bibliography>.

ENGL

37.20

\$ 4.00

11777

1982

Wijenaike, E.M.

UNIDO

(R) REPORT ON A MISSION TO PAPUA NEW GUINEA ON THE PROMOTION
OF SMALL SCALE INDUSTRY.

DP/PNG/74/039

Vienna, 1982. 31 p.

::::

<UNIDO pub>. <Expert report> regarding assistance to
<industrial promotion> in <Papua New Guinea> (reference:
<small scale industry>) - covers (1) present situation of
various <technical assistance> projects involving <silk> (
<weaving>), <salt>, <leather goods>, <ceramics>, <wood
products>, <coconut fibres>, <industrial estate>s, moulded
<rubber> goods, cane <furniture>, <machining>,
<maintenance and repair>, <foundry>, <handicraft>s (2)
need for <UN> volunteers for <training assistance>.
<Recommendations>. <Restricted>.

ENGL

21.40

11778

1982

Allen, Eric A.

UNIDO

(R) BURMA. EXPANSION OF TRAINING IN PETROCHEMICAL INDUSTRIES.
PROJECT FINDINGS AND RECOMMENDATIONS.

DP/BUR/79/006

Vienna, 1982. 28 p. tables.

UNIDO-DP/ID/SER.B/357

<UNIDO pub>. <Final report> regarding <training assistance> for <petrochemical industry> in <Burma> - covers (1) <training programmes> and setting up of a <training centre> for <chemicals>, <electric power>, mechanical and <electronics> <engineers> (2) <in-plant training>, <fellowships>; need for training section in all <factory>s; list of <equipment> supplied by UNIDO. <Recommendations>, <job description>s. <Restricted>.

ENGL

35.10

11779

1982

Amrouche, Kaci

UNIDO

(R) RAPPORT SUR L'EVOLUTION DE LA SITUATION ECONOMIQUE DE LA REPUBLIQUE DU NIGER.

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

:::::

<UNIDO pub>. <Final report> regarding <industrial development> in <Niger> - covers (1) present situation and <economic development> indicators in <agriculture>, <mining>, <infrastructure> (<roads>), <telecommunications industry>, <energy> (dam construction) (2) recent <investment>s, <industrial project>s, required <training programmes>; participation of <women> in industrial development; <technical assistance> programming and the <role of UNIDO>. <Recommendations>, <statistics>. Additional references: <uranium>, <coal>, <phosphate>s. <Restricted>.

FREN

14.60

11780 1982
Kurdowski, Wieslaw
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
PERFORMANCE OF VOLATILE SUBSTANCES IN THE KILN.
Vienna, 1982. 12 p. graphs, diagrams.
UNIDO-ID/WG.379/7
<UNIDO pub> on <cement> technology, with special reference to volatile substances in the <kiln> - covers: alkali and <sulphur> cycles in the kiln; alkali reaction at high <temperature> with <chlorine> and <sulphur dioxide>; alkali condensation on the <raw material> (in colder regions of the kiln) in the form of <sulphate>s or <chloride>s and their return to the <sinter>ing zone; composition of clinkers; indicated process <innovation>s; by-passing of <gas>es. <Diagram>s, <bibliography>. Additional references: <fuel>, <pollution control>, <choice of technology>.
ENGL
33.20

11781 1982
Luther, M.M.
UNIDO
(R) TURKEY. DEMAND FOR CAPITAL GOODS FOR CEMENT INDUSTRY.
DP/TUR/76/034
Vienna, 1982. 92 p. tables.
:::::
<UNIDO pub>. <Expert report> on <demand> for <capital goods> for the <cement industry> in <Turkey> - covers: <classification of industries> according to ISIC code, <production capacity> and demand for <cement>; capital goods classification according to SITC code; summary of present and future demand for fabricated <equipment> and <machinery> by weight and value; equipment requirements. <Recommendations>, <statistics>, <diagram>s. Additional references: <limestone>, <clay>, <gas>, <coal>, <portland cement>. <Restricted>.
ENGL
33.20

11782 1982
Levanchau, A.
Sakho, Cheikh Tidiane
UNIDO
(R) NOTE SUR LE PROJET DE CREATION D'UNE FEDERATION DES
ORGANISMES DE PROMOTION DES P.M.I.
Vienna, 1982. 21 p. tables, map.

:::::
<UNIDO pub>. <Expert report> on creation of an association
of <industrial institutions> specializing in <industrial
promotion> of <small scale industry> in <developing
countries> - covers (1) objectives of the association,
assistance by <international organizations>, major role of
SONEPI (2) <national budget> data in <Upper Volta>,
revenues and expenses. <Statistics>, <maps>. Additional
references: <rural industry>, <institutional framework>,
<role of UNIDO>. <Restricted>.

FREN
21.40

11783 1982
Nowak, Michal
UNIDO
(R) TANZANIA. REPORT ON DEVELOPMENT OF TIRDO ACTIVITY IN
CHEMICAL AND ALLIED INDUSTRIES IMPROVEMENT.
DP/URT/78/019
Vienna, 1982. 45 p. tables, diagrams.

:::::
<UNIDO pub>. <Expert report> regarding assistance to a
<research centre> in <Tanzania> (TIRDO), with special
reference to the needs of <chemical industry> - covers (1)
<survey> of needs based on visits to <industrial
enterprise>s (2) possibility of <import substitution> with
local <raw material>s; lack of <spare parts>; <equipment>
needs (3) possible industry-oriented <research> projects:
<essential oils>, mineral <salt>s; <direct reduction> of
<iron ore>; <caustic soda>, <solvent>s, <resins>; <sodium
silicate> from <rice husks>; <distilling> process.
<Recommendations>, <job description>, <flow chart>,
<bibliography>, <diagram>s. <Restricted>.

ENGL
35.10

11784 1978
Uribe, M.C.
UNIDO
PREPARATORY MEETING ON THE RÔLE OF WOMEN IN INDUSTRIALIZATION
IN DEVELOPING COUNTRIES, VIENNA, 1978
WOMEN AND DEVELOPMENT.
Vienna, 1978. 7 p.

UNIDO-ID/WG.283/33

<UNIDO pub> on the relationship between <women> and
<economic development> (reference: <social policy>) - (1)
covers problem of sexual inequality as one aspect of
social differentiation (2) states that an increase in
women's participation in <labour market> not necessarily
generate development (3) advocates increasing <training>
and <education> opportunities and enacting adequate labour
<legislation>. Additional reference: <manpower>.

ENGL
23.30

11785 1982
UNIDO
INFORMATION SOURCES ON THE PESTICIDES INDUSTRY. UNIDO GUIDES
TO INFORMATION SOURCES, NO. 10. (REVISED EDITION).
Vienna, 1982. xii, 78 p.

UNIDO-ID/280
UNIDO-UNIDO/LIB/SER.D/10/REV.1

<UNIDO pub>. <Directory> to sources of <industrial
information> on <pesticides> industry. <Bibliography>.

ENGL
35.40

\$ 4.00

11786 1981
Antinori, Ubaldo
UNIDO
(R) MEXICO. LINEAMIENTOS PARA EL DESARROLLO TECNOLOGICO Y
CIENTIFICO DEL SECTOR AGRO-ALIMENTARIO. INFORME FINAL.
DP/MEX/77/008
Vienna, 1981. 1 vol. (various pagings). tables.

:::::
<UNIDO pub>. <Final report> regarding development of <agri-product processing> in <Mexico> - covers (1) <evaluation> of the activities of the National Council for Science and Technology (CONACYT) and elaboration of programmes for more rational development of <food industry>s (2) visits and <technical assistance> to <research centre>s in <food technology>; <management> and <administrative aspects>; <technical personnel>. <Recommendations>, <bibliography>, <job description>, tables. <Restricted>.

SPAN
31.40

11787 1982
Roux, Agustin F.
UNIDO
(R) PROGRAMACION Y PROMOCION DE PROYECTOS INDUSTRIALES,
HONDURAS.
DP/HON/82/019
Vienna, 1982. 138 p. tables.

:::::
<UNIDO pub>. <Final report> regarding assistance to <industrial administration> in <Honduras>, with special reference to <industrial promotion> activities - covers (1) visits to and condition of <industrial enterprise>s; government <incentives>; problems related to <project implementation> and <management>; <investment>s and <credit>s (2) requirements: <project selection>, <standardization>, <technical assistance>, <industrial programming>, <project evaluation>, <industrial information> (3) <institutional framework> and <administrative aspects>. <Recommendations>. Additional reference: <free zone>. <Restricted>.

SPAN
14.70

11788
Sinclair, Stuart
UNIDO

1982

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

:::::

<UNIDO pub>. Study of <trend>s, problems and prospective patterns in the world <petrochemical industry> - covers (1) growth in the sixties and seventies; <planning> plants in oil-producing countries, <joint venture>s, <marketing> <cooperation>, sale of <natural gas>; <supply> and <demand> forecasts for the eighties; the outlook for the <pharmaceutical industry> (<import substitution> in the <Arab countries>) (2) <market>s, <management> <technology>, <financing> (3) problems in <public enterprise>s; <legislation>. Tables, <bibliography>. Additional references: <chemicals>, <plastics>, <synthetic fibres>, <ethylene>, <polyethylene>, <polypropylene>.

ENGL
35.10

11789
Hanna, K.M.
Marei, A.R.
UNIDO

1982

INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
GRINDING AND BURNABILITY OF OOLITIC LIMESTONE.

Vienna, 1982. 15 p. tables, graph.
UNIDO-ID/WG.379/6

<UNIDO pub> on <cement> technology, with special reference to <grinding> and burnability of oolitic <limestone> - covers (1) thermal behaviour of such limestone; characteristic developments in various <temperature> regions of the <kiln> (2) evaluation (a) of grindability of limestone (b) of burnability of raw mix material. Tables, <chemical analysis>. Additional reference: <lime>, <clay>, <portland cement>.

ENGL
33.20

11790

1982

UNIDO

INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
UNIDO ASSISTANCE IN DEVELOPING AND CONSOLIDATING THE CEMENT
INDUSTRY IN THE DEVELOPING COUNTRIES.

Vienna, 1982. 6 p.

UNIDO-ID/WG.379/12

<UNIDO pub> on the <role of UNIDO> in assisting <cement industry> in <developing countries> - discusses (1) policy-making activities relating to development and consolidation of the industry (2) operational activities and <technical assistance> supplementing and supporting national initiatives.

ENGL

33.20

11791

1982

UNIDO

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

Vienna, 1982. 61 p.

UNIDO-ID/WG.364/38

<UNIDO pub>. <Report> of a <meeting> on <ammonia> <fertilizer> technology for promotion of relevant <TCDC> - covers (1) organization of the conference (2) resume of the plenary sessions (3) reports of the working groups (4) summary of papers presented by <UNIDO> consultants (5) papers presented by specialists from <China> (6) summary of country papers (7) <factory> visits. <Recommendations>, <list of participants>, <list of documents>, message from UNIDO Executive Director. Additional reference: <choice of technology>.

ENGL

35.40

11792 1982
UNIDO
INFORMATION SOURCES ON GRAIN PROCESSING AND STORAGE. UNIDO
GUIDES TO INFORMATION SOURCES, NO. 40.
Vienna, 1982. xii, 98 p.
UNIDO-ID/283
UNIDO-UNIDO/LIB/SER.D/40
<UNIDO pub>. <Directory> to sources of <industrial
information> on <grain processing> and related <food
storage>. <Bibliography>.
ENGL
31.40 \$ 4.00

11793 1982
UNIDO
CONSULTATION ON THE TRAINING OF INDUSTRIAL MANPOWER, 1ST,
STUTTGART, 1982
ISSUES PAPER. (CONSULTATION ON INDUSTRIAL TRAINING).
- DOCUMENT DE FOND CONCERNANT LES QUESTIONS A EXAMINER.
(CONSULTATION SUR LA FORMATION INDUSTRIELLE).
- DOCUMENTO DE DEBATE. (CONSULTA SOBRE LA CAPACITACION
INDUSTRIAL).
Vienna, 1982. 38 p.
UNIDO-ID/WG.381/1
<UNIDO pub> on issues for consideration at a <meeting> on
the <training> of industrial <manpower> - covers (1)
problems of appraising and matching the <demand> for and
<supply> of industrial training in <developing countries>;
the challenge and suggested measures for improvement (2)
<cooperation> arrangements for the acquisition of
<technology>; <long term> arrangements; improving
<contract>ual relations; <financing> of co-operation;
<role of developing countries> (<TCDC>) and of
<international organizations>. <Bibliography>. Additional
reference: <human resources>.
ENGL FREN SPAN
12.40

11794 1982
Marei, A.R.
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
PRESENTATION OF THE OOLITIC LIMESTONE USED IN THE CEMENT
INDUSTRY IN NORTH AFRICA.
Vienna, 1982. 16 p. illus.
UNIDO-ID/WG.379/8
<UNIDO pub> on oolitic <limestone> available as raw
material for <cement industry> in <North Africa> - covers
(1) geomorphological features found along the southern
Mediterranean (2) locating and investigating limestone
deposits (3) petrography and the origin of oolitic
limestone; relevant theories. Illustrations.
ENGL
33.20

11795 1982
Kidan, K.G.
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
HIGH-ALUMINA CEMENT AS BUILDING MATERIAL.
Vienna, 1982. 42 p. tables, graphs.
UNIDO-ID/WG.379/9
<UNIDO pub> on high <alumina> <cement> (HAC) as <building
materials> - covers (1) production of HAC by heating a
mixture of <limestone> and <bauxite> (2) negative
experience in use by <construction industry>; reduction in
strength resulting from reduced volume of gel and
increased porosity ("conversion") (3) research and
<testing> of processes to cope with problems and improve
HAC. Process <statistics>, <specifications>.
ENGL
33.20

11796 1982
Grane, P. Olof
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
ESTABLISHING FACTORIES FOR THE PRODUCTION OF LIME-POZZOLANA
CEMENT. (A PRELIMINARY GUIDE).
Vienna, 1982. 36 p. diagrams, illus.
UNIDO-ID/WG.379/10
<UNIDO pub> giving guidance on <factory establishment> for
production of <lime>-<pozzolana> <cement> - covers (1) the
basic product: pozzolime as a cheap but effective
hydraulic binder and possible for <portland cement> (2)
<raw material>s (3) product <diversification> (4)
<marketing>, <commercialization> and <regulations> (5) the
<factory>: <choice of technology>, by stages (6) tentative
financial analysis; <capital costs>, <production costs>
(7) the use of pozzolime: mortar, plaster, <concrete>,
stabilized <soil> <bricks>. <Bibliography>, <factory
layout>, <diagram>.
ENGL
33.20

11797 1982
UNIDO
MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 7TH, NEW
DELHI, 1982
TECHNOLOGICAL INFORMATION EXCHANGE SYSTEM (TIES). PILOT
EXERCISE: GUIDELINES FOR TECHNOLOGY TRANSFER PAYMENT
EVALUATION.
- SYSTEME D'ECHANGE DE RENSEIGNEMENTS TECHNIQUES (TIES).
EXERCICE PILOTE: PRINCIPES DIRECTEURS POUR L'EVALUATION DE
LA REMUNERATION DES TRANSFERT DE TECHNOLOGIE.
- SISTEMA DE INTERCAMBIO DE INFORMACION TECNOLOGIA (TIES).
ACTIVIDAD PILOTO: DIRECTRICES PARA LA EVALUACION DEL PAGO
DE TRANSFERENCIA DE TECNOLOGIA.
Vienna, 1982. 12 p. tables.
UNIDO-ID/WG.383/1
<UNIDO pub> on <technology transfer> payment evaluation
(reference: <licensing>, <TIES>) - (1) reviews present
<evaluation> <methodology> used by selected registries (2)
assesses the value of various <UNIDO> developed principles
which could be applied in the payment evaluation exercise
(3) illustrates the use of the UNIDO method on a random
sample of 24 <contract>s (4) describes the uniform outline
of reports expected to be prepared by each technology
transfer registry.
ENGL FREN SPAN
24.30

11798 1982
Soede, Frans J.
UNIDO
(R) MISSION TO ZAMBIA. NATIONAL COUNCIL FOR SCIENTIFIC
RESEARCH (NCSR), LUSAKA.
Vienna, 1982. 6 p.

:::::
<UNIDO pub>. <Mission report> on programming of assistance
to a <research centre> in <Zambia> - covers exploration of
present activities of the inter-disciplinary NCSR and
potential strengthening of its industrial <research and
development> activities, i.a. with a view to promoting
<small scale industry>. Annexes a tentative list of
industries. <Restricted>.

ENGL
02.10

11799 1982
Kitchen, Richard
UNIDO
CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
INFORMATION PAPER. FINANCIAL REQUIREMENTS FOR MANUFACTURING
INVESTMENT IN DEVELOPING COUNTRIES TO THE YEAR 2000.
Vienna, 1982. 51 p. tables.

UNIDO-UNIDO/PC.47
<UNIDO pub> on <financing> requirements for
<manufacturing> <investment> in <developing countries> to
the year 2000 - (1) examines several authoritative
<projection>s, <forecast>s and scenarios of future <global
level> <economic development>, with special reg. "to
"high growth" <models> and the need to remove the
constraint of insufficient external <capital> (2)
considers the level of external financial flows required
to achieve high <industrial growth> in DCs. Tables,
<statistics>, <glossary>.

ENGL
29.10

11800 1982
Ferber, M.
UNIDO
CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
INFORMATION PAPER. FINANCIAL EXPERTISE FOR PROJECT
NEGOTIATION.
Vienna, 1982. 13 p.
UNIDO-UNIDO/PC.55
 <UNIDO pub> on <knowhow> required for the <financing>
aspects of <industrial project>s in <developing countries>
- covers steps required by: project sponsor/DC
governments; local <development bank>s; international
development <banks>; banks for <commerce>; <investment>
banks; <role of UNIDO>.
ENGL
29.10

11801 1982
UNIDO
CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
ISSUE NO. 3: CAN THE POSSIBLE INDUSTRIAL FINANCING GAP BE
OVERCOME BY THE ELABORATION OF INNOVATIVE CONCEPTS LEADING
TO THE ACCEPTANCE OF NEW MECHANISMS AND/OR INSTITUTIONS?
- QUESTION NO. 3: PEUT-ON REMEDIER A L'INSUFFISANCE POSSIBLE
DU FINANCEMENT INDUSTRIEL EN ELABORANT DES CONCEPTS
NOVATEURS MENANT A L'ACCEPTATION DE NOUVEAUX MECANISMES
ET/OU INSTITUTIONS?
- PUNTO NO. 3: PUEDEN PALIARSE LAS POSIBLES INSUFICIENCIAS DE
LA FINANCIACION INDUSTRIAL MEDIANTE LA ELABORACION DE
CONCEPTOS INNOVADORES QUE CONDUZCAN A LA ACEPTACION DE
NUEVOS MECANISMOS Y/O INSTITUCIONES?
Vienna, 1982. 11 p. tables.
UNIDO-ID/WG.377/1
 <UNIDO pub> on new concepts of potential use in narrowing
the gap in industrial <financing> for <developing
countries> - covers (1) recognition of the inadequacy of
present financial arrangements; relevant proposals (2)
increasing the quality of finance (3) uses of finance in
industry: <capital goods>; <infrastructure>; financing for
<least developed countries>; <industrialization>
programmes; <training programmes>; <industrial planning>;
<import>s of <spare parts>. Annexes table analysing
financial proposals.
ENGL FREN SPAN
29.10

11802

1982

UNIDO

CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
ISSUE NO. 2: HOW AND TO WHAT EXTENT CAN EXISTING MECHANISMS
AND INSTITUTIONS PROVIDE ADDITIONAL INDUSTRIAL FINANCING TO
DEVELOPING COUNTRIES?

- QUESTION NO. 2: COMMENT ET DANS QUELLE MESURE LES
MECANISMES ET INSTITUTIONS EXISTANTS PEUVENT-ILS PERMETTRE
D'ACCROITRE LE FINANCEMENT INDUSTRIEL DES PAYS EN
DEVELOPPEMENT?
- PUNTO NO. 2: COMO Y EN QUE MEDIA PUEDEN LOS MECANISMOS E
INSTITUCIONES EXISTENTES PROPORCIONAR FINANCIACION
INDUSTRIAL ADICIONAL A LOS PAISES EN DESARROLLO?

Vienna, 1982. 12 p.

UNIDO-ID/WG.377/2

<UNIDO pub> on provision of additional industrial
<financing> for <developing countries> - (1) considers
ways of narrowing the uncovered requirement of external
financing through changes and improvements in financial
instruments currently used within the existing
<institutional framework> (2) covers (a) <multilateral>
<development bank>s (b) direct <foreign investment> by
<transnational corporations> (c) industrial financing
provided by the commercial <banking> system. <Statistics>. Additional references: <interest>, <capital market>.

ENGL FREN SPAN

29.10

11803

1982

Green, Rosario

UNIDO

CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
INFORMATION PAPER. LIMITS AND PROSPECTS OF THE INTERNATIONAL
FINANCING SYSTEM.

Vienna, 1982. 32 p.

UNIDO-UNIDO/PC.46

<UNIDO pub> on limits and prospects of the international
<financing> system, with special reference to the problems
of <developing countries> - discusses (1) difficulties
arising in DCs from lagging <capital formation>
necessitating continuous <capital> <import>s from
<developed countries> (2) various analyses and proposals
for overcoming the present impasse in international
negotiations. Additional references: external debt,
<interest>, <North-South>, <banking>, <cost of capital>.

ENGL

29.10

11804
Herrera, R.
UNIDO

1982

UNIDO/ECLA EXPERT GROUP MEETING ON IMPLICATIONS OF
MICROELECTRONICS FOR THE ECLA REGION, MEXICO CITY, 1982
MICROELECTRONICS IN PERU. COUNTRY MONOGRAPH.

Vienna, 1982. 6 p.
UNIDO-ID/WG.372/16

<UNIDO pub> on micro<electronics> in <Peru> - covers (1)
status of the <electronics industry> and state of the art;
beginnings from initial <assembling>; factors impeding
development of <research> and <technology> (2) creation of
a national industrial <research centre> and <standards
institute> (ITINTEC) in 1973; work done in its division of
electronics (3) ITINTEC-sponsored <industrial project>s in
the field of microelectronics (4) outlook and <development
potential> in Peru and <Latin America>.

ENGL
38.10

11805
Schaefer, Gernot Heinrich
UNIDO

1982

INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
THE MODERNIZATION OF PACKING PLANTS WITH AUTOMATIC TRUCK
LOADING EQUIPMENT AND PALLETLESS SHRINK WRAPPING LINES.

Vienna, 1982. 37 p. diagrams, illus.
UNIDO-ID/WG.379/13

<UNIDO pub> on <packaging> plants for <cement industry> -
covers (1) <modernization> and <automation> of packing and
<loading> installations (2) automatic <bags and sacks>
palletizing onto <trucks> (3) palletless shrink wrapping
of bag stacks, using <plastic film>; calculating film
consumption (4) <machinery>, <equipment>, <process
control>. <Factory layout>, <diagram>s, <flow chart>s,
illustrations.

ENGL
33.20

11806

1982

Thamarajakshi, R.

UNIDO

INDUSTRIAL DEVELOPMENT IN THE ASIAN REGION.

Vienna, 1982. 130 p. tables.

:::::

<UNIDO pub>. <Expert report> on <industrial development> in <Asia> since 1960 - (1) analyses the <long term> <structural change>s in the <industrial sector> in twenty Asian countries (and <Cyprus>) both at the sectoral level and at the specific industry branch level, with a view to understanding the processes of dynamic <industrialization> in the region (2) considers the inter-relationships between <industrial policy>s and strategies and patterns of structural change in <manufacturing>. <Statistics>. Additional references: <industrialization policy>, <national planning>, <investment policy>.

ENGL

14.60

11807

1982

Persson, H.R.

UNIDO

(R) REPUBLIC OF KOREA. TECHNICAL REPORT: GLASS PACKAGING DESIGN.

DP/ROK/78/008

Vienna, 1982. 23 p.

UNIDO-DP/ID/SER.A/380

<UNIDO pub>. <Expert report> on assistance to <glass> <containers> industry in <Korea R> (reference: <packaging>) - covers (1) visits to glass <factory>s within context of assistance to the Korea Design and Packaging Centre (KDPC) (2) glass manufacturing experience; <export>s; manual plants and automatic <machinery> (3) glass <bottles> (4) glass packaging activities at the KDPC; <training> on <product design>, <research and development>, <quality control>. <Job description>. <Restricted>.

ENGL

33.40

11808 1982
Lunden, Bo
UNIDO

(R) CHINA. ASSISTANCE TO THE ESTABLISHMENT OF A CENTRAL
LEATHER LABORATORY IN SHANGHAI. TECHNICAL REPORT.

LEATHER BAG
DP/CPR/80/007

BP/CFR/80/007
Vienna, 1982, 44 p. tables.

UNIDNO-DB/ID/SER A/398

UNIDCO-DB/ ID/ SER.A/ 398
UNIDCO-DB/ ID/ SER.A/ 398/ COBB-1

<UNIDO pub>. <Expert report> on assistance to <leather industry> in <China> - covers (1) implementation of a project for setting up a central <leather> <laboratory> (2) finalizing a <project document> (see annex) for a planned leather technology <development centre>. <Recommendations>, list of <equipment>, <instruments> and <documentation>. Additional references: <effluent treatment>, <research and development>, <industrial extension>, <training>, <Restricted>.

ENGL

ENGE
32,40

11809 1982
UNIDO
CONSULTATION ON THE IRON AND STEEL INDUSTRY, 3RD, CARACAS,
1982

1982
1990 SCENARIOS FOR THE IRON AND STEEL INDUSTRY.
- LES SCENARIOS DE L'INDUSTRIE SIDERURGIQUE 1990.
- LOS ESCENARIOS DE LA INDUSTRIA SIDERURGICA 1990.

- LOS ESCENARIOS DE LA INDUSTRIA SIDA
Vienna, 1982. 99 p. tables, diagrams.

UNIDO-ID/WG.374/2
UNIDO-ID/WG.374/2/CORR.1

UNIDO-ID/WG.374/2/CORR.1

<UNIDO pub> on scenarios for <iron and steel industry> in 1990 - covers (1) <methodology> of the scenarios (2) situation and <trend>s of the industry in 1982 (3) a "low growth" scenario based on assumption of continued slowing down of growth in the industry (4) the normative and other possible scenarios; probabilities (5) negotiating the future: <financing> of development in <developing countries>, international <cooperation>, <North-South>, <South-South>, <profitability>, etc.

ENGL FREN SPAN

ENGE
36-10

11810 1982
UNIDO
CONSULTATION ON THE IRON AND STEEL INDUSTRY, 3RD, CARACAS,
1982
1990 SCENARIOS FOR THE IRON AND STEEL INDUSTRY. ADDENDUM,
"THE DOSSIERS".
- SCENARIOS DE L'INDUSTRIE SIDERURGIQUE 1990. ADDITIF: "LES
DOSSIERS".
- LOS ESCENARIOS DE LA INDUSTRIA SIDERURGICA 1990. ADICION:
"DOCUMENTOS".
Vienna, 1982. 270 p. tables, graphs.
UNIDO-ID/WG.374/2/ADD.1
<UNIDO pub> containing dossiers for scenarios on <iron and
steel industry> in 1990 - covers (1) iron and steel
<industrial project>s in the <developing countries> in
1990 (2) <raw material>s and <energy> (3) <market>s,
<choice of product>s and <economy of scale> (4)
<technology> and <research> (5) <engineering design>,
construction and commissioning of new units (<factory
establishment>) (6) development of <human resources>;
<training> (7) <costs> and <financing>. <Statistics>.
Additional references: <production capacity>, <location of
industry>, <public sector>, <iron ore>, <direct reduction>.
ENGL FREN SPAN
36.10

11811 1982
Janjic, O.
Momcilovic, D.
UNIDO
(R) TECHNOLOGICAL TESTS FOR RAW MATERIALS FOR BRICK PLANT
NEAR KHARTOUM-SUDAN.
SI/SUD/81/801
Vienna, 1982. 87 p. tables, graphs, diagrams.
:::::
<UNIDO pub>. <Final report> on technological tests of raw
materials for <bricks> production in <Sudan> (reference:
<ceramics>) - covers (1) <research> to solve the <raw
material>s problem for a new brick plant near Khartoum,
with attention to silt, <clay>s, kaolin, black <cotton>
<soil>, and <groundnuts> hulls (2) <laboratory> <testing>
and <grading> of materials, <chemical analysis>, etc.
<Restricted>.
ENGL
33.30

11812

1982

UNIDO

ROCKWARE INTERNATIONAL, UK

(R) ASSISTANCE IN WEIGHT REDUCTION AND MECHANICAL STRENGTH
IMPROVEMENT OF GLASS CONTAINERS. FINAL REPORT OF THE
TRAINING IN ROCKWARE INTERNATIONAL LTD.

SI/POL/75/805

Vienna, 1982. 14 p. tables.

:::::

<UNIDO pub>. <Final report> on assistance in improvement
of <glass> <containers> production in <Poland>, with
special reference to <training abroad> (in <UK>) - covers
(1) visits of Polish specialists to <factory>s of <glass
industry> in England (2) <training programmes> on (a)
<advanced technology> and <skills> (b) conditions of
production of containers on high-speed forming <machinery>
(c) the organization and technology of <maintenance and
repair> of IS machines and feeders and mechanisms.
<Restricted>.

ENGL

33.40

11813

1982

Marton, Kathrin

UNIDO

TECHNOLOGY REGULATION IN DEVELOPING COUNTRIES: CASE STUDIES
ON INDIA, KENYA AND MEXICO.

Vienna, 1982. 141 p. tables.

:::::

<UNIDO pub>. Study of <technology> regulation in <India>,
<Kenya> and <Mexico> - covers (1) the role of
<transnational corporations> in <technology transfer>;
trends in <regulations> (2) <investment policy>s regarding
direct <foreign investment>; <technology policy>,
<industrial property>, <knowhow>, <licensing>, technology
<legislation>, <patent law>, <research and development>,
etc. <Statistics>.

ENGL

24.30

11814

1982

Barwell, I.J.

Hathway, G.K.

Howe, J.D.G.F.

UNIDO

GUIDE TO LOW-COST VEHICLES FOR RURAL COMMUNITIES IN
DEVELOPING COUNTRIES.

Vienna, 1982. 40 p. tables, illus.

UNIDO-UNIDO/IS.348

<UNIDO pub> on low-cost <vehicles> for <rural development>
in <developing countries> (reference: <road transport>) -
covers (1) <social aspects> and <economic aspects> of
<rural area> <transport> needs (2) the state of basic
vehicle development; aids to head, shoulder and
backloading; wheelbarrows and handcarts; pedal driven
vehicles; <animal power> transport; low-cost <motor
vehicles>; basic motorised <agriculture> and transport
devices (3) the performance characteristics of basic
vehicles (4) policies and programmes for their wider
introduction: changing attitudes; guides to relevant
<technology>; <product design> for local manufacture.
Tables, illustrations. Additional reference: <bicycles>.

ENGL

37.30

11615

1982

UNIDO

ILO

UNESCO

CONSULTATION ON THE TRAINING OF INDUSTRIAL MANPOWER, 1ST,
STUTTGART, 1982

BACKGROUND PAPER. (CONSULTATION ON INDUSTRIAL TRAINING).

- DOCUMENT D'INFORMATION. (CONSULTATION SUR LA FORMATION
INDUSTRIELLE).
- DOCUMENTO DE BASE. (CONSULTA SOBRE LA CAPACITACION
INDUSTRIAL).

Vienna, 1982. 204 p. diagram.

UNIDO-ID/WG.381/2

<UNIDO pub> on issues in <training> for industrial
<manpower> - covers (1) scope of the consultation;
<terminology>; relevant <role of UN> (2) appraising and
matching <demand> and <supply> of training for <industry>;
<technology> and its implications; strengthening <national
level> training systems; basis for international
<cooperation> (3) co-operation for acquisition of
technology: possible improvement of <contractual
relations in <technology transfer>; the <financing> of co-
operation; the <role of developing countries>.
<Bibliography>, <classification>. Additional references:
<role of UNIDO>, <ILO>, <UNESCO>, <TCDC>.

ENGL FREN SPAN

12.40

11816 1982
Lo, Modou
Pousset, Jean-Louis
UNIDO
(R) GUINEE BISSAU. EXPERT EN PLANTES MEDICINALES - PHASE I.
RAPPORT FINAL.
- (R) GUINEA-BISSAU. EXPERT ON MEDICINAL PLANTS - PHASE I.
TERMINAL REPORT.
SI/GBS/79/801
Vienna, 1982. 121 p. tables, maps, illus.
UNIDO-DP/ID/SER.B/350
<UNIDO pub>. <Final report> regarding exploitation of
<medicinal plants> in <Guinea Bissau> - covers (1) plans
to improve national condition of <health> and <hygiene>,
and for <training programmes> for <health service>s in
<rural area>s (2) utilization of existing resources for
<domestic production> of simple <pharmaceuticals> and for
<export> of extracts for <pharmaceutical industry>; list
of plants used in traditional medicine and the location of
their growth. <Recommendations>, tables, <maps>,
illustrations. <Restricted>.
FREN ENGL
31.10

11817 1982
Kissmeyer-Nielsen, Erik
UNIDO
(R) MALAWI. FRUIT AND VEGETABLE PROCESSING PROSPECTS FOR
ADMARC CANNING COMPANY IN MULANJE. TECHNICAL REPORT.
RP/MLW/81/002
RP/MLW/82/001
Vienna, 1982. 94 p. tables, diagrams.
UNIDO-UNIDO/IO/R.26
<UNIDO pub>. <Expert report> on potential <fruit> and
vegetables processing at a <canning> plant in <Malawi>,
with special reference to <pineapples> - covers:
<equipment> of <factory>; <management>, <labour costs>;
<packaging> in imported <cans>; <quality control>,
<marketing> efforts; <import>s and <export>s of fruits and
<vegetables>, high cost of <transport>; potential
improvement of <fruit juice> processing technology;
<production costs>, <raw material>s, <profitability> and
<cash flow> analysis. <Recommendations>, tables,
<statistics>. Additional reference: <food technology>.
<Restricted>.
ENGL
31.40

11818

1982

UNIDO

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 7TH, NEW
DELHI, 1982

SOME CONSIDERATIONS ON REGISTRY INFORMATION SYSTEMS.

- NOTE SUR LES SYSTEMES D'INFORMATION DES SERVICES
D'ENREGISTREMENT.
- ALGUNAS CONSIDERACIONES SOBRE SISTEMAS DE INFORMACION DE
LAS OFICINAS DE REGISTRO.

Vienna, 1982. 12 p. diagram.

UNIDO-ID/WG.383/2

<UNIDO pub> on <technology transfer> registry <information system>s - covers (1) information flow in a technology transfer registry (2) routine operations and reflex actions (3) well defined <management> operations (4) strategic <planning> and creative <decision making> (5) information sources (6) <information processing>; <electronic data processing> for a registry <data bank>, typical inputs. <Flow chart>.

ENGL FREN SPAN

24.30

11819

1982

UNIDO

MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 7TH, NEW
DELHI, 1982

LICENSING COMPUTER SOFTWARE. BASIC CONSIDERATIONS AS TO
PROTECTION AND LICENSING OF COMPUTER SOFTWARE AND ITS
IMPLICATIONS FOR DEVELOPING COUNTRIES.

- CONCESSION DE LICENCIAS DE SOPORTE LOGICO DE COMPUTADORA
("SOFTWARE"). CONSIDERACIONES BASICAS SOBRE LA PROTECCION Y
CONCESSION DE LICENCIAS DE SOPORTE LOGICO Y SUS
REPERCUSIONES EN LOS PAISES EN DESARROLLO.

Vienna, 1982. 18 p.

UNIDO-ID/WG.383/3

<UNIDO pub> on <licensing> of <computer programmes>
(reference: <technology transfer>) - covers (1)
<definition>s (2) overview of current patentability of
computer software: <USA>, <EEC>, <Japan>; <WIPO> "model
provisions on the protection of computer software";
protection of software in <developing countries> (3)
channels for transfer of software: custom software
<contract>s; agreements for packaged software (4)
suggestions as to DCs approach toward licensing of
software. Additional reference: <patents>.

ENGL SPAN

24.30

11820 1982
UNIDO
MEETING OF HEADS OF TECHNOLOGY TRANSFER REGISTRIES, 7TH, NEW
DELHI, 1982
TECHNOLOGICAL INFORMATION EXCHANGE SYSTEM (TIES). PROGRESS
REPORT.
- SISTEMA DE INTERCAMBIO DE INFORMACION TECNOLOGICA (TIES).
INFORME SOBRE LOS PROGRESOS REALIZADOS.
Vienna, 1982. 12 p.
UNIDO-ID/WG.383/4
<UNIDO pub> on the progress of <TIES> since December 1981
(reference: <technology transfer>) - covers 5 interrelated
TIES activities, namely (1) TIES <information exchange> (
<license> agreements, <industrial services> agreements)
(2) TIES Newsletter (3) <technology> advisory services (
<consulting>) (4) <technical assistance> to registries (5)
<cooperation> with <international organizations> (<UNCTC>,
the <Licensing> Executive Society and <Andean Group>).
ENGL SFAN
24.30

11821 1982
UNIDO
GAMBIA, MINISTRY OF ECONOMIC PLANNING AND INDUSTRIAL
DEVELOPMENT
(R) COUNTRY INDUSTRIAL DEVELOPMENT STUDY OF THE GAMBIA.
Vienna, 1982. 1 vol. (various pagings). tables.
:::::
<UNIDO pub>. <Industrial development survey> of the
<Gambia> - covers (1) general <economic structure>, <agro-
industry>, <medium scale industry>, <natural resources>,
<energy>, <manpower>, <employment>, <capital> (2)
<industrial policy>s, selective <import substitution>,
potential <industrial project>s and <manufacturing>
<enterprise>s. <Recommendations>, <statistics>. Additional
references: <groundnuts>, <beverage industry>, <clay>,
<palm oil>. <Restricted>.
ENGL
14.60

11822

1982

Fathi El Haddad, Ali

Marei, A.R.

UNIDO

INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
WORK ON SOLUTIONS TO AVOID CEMENT AGGREGATIONS IN LCC STORAGE
SILOS.

Vienna, 1982. 36 p. tables, diagrams.

UNIDO-ID/WG.379/11

<UNIDO pub> on coping with problems of <cement>
aggregation in <storage> <silos> (based on experience in
<Libya>) - covers (1) measures to improve faulty
operations caused by the formation of cement lumps and
clogging of the silos creating difficulties for <loading>
in the <packaging> section (2) cement additives; using
<limestone> as a substitute for <gypsum>; using <grinding>
aids; adding <iron> <oxide>s to the raw mix; milling
conditions; silo design; <testing>; using controlled
explosive force; cleaning of silos. <Diagram>s, process
<statistics>.

ENGL

33.20

11823

1982

Behl, L.K.
Correa, C.
UNIDO

MEETING OF THE AD HOC PANEL OF EXPERTS ON CONTRACTUAL ARRANGEMENTS IN THE PHARMACEUTICAL INDUSTRY, VIENNA, 1982
ARRANGEMENTS FOR THE TRANSFER OF TECHNOLOGY FOR THE FORMULATION OF PHARMACEUTICAL FORMS. CONTRACTUAL CONDITIONS AND BACKGROUND NOTES.

- ARREGLOS PARA LA TRANSFERENCIA DE TECNOLOGIA PARA LA FORMULACION DE PREPARADOS FARMACEUTICOS.
- DISPOSITIONS EN VUE DU TRANSFERT DE TECHNOLOGIE POUR LA PRODUCTION DE PREPARATIONS PHARMACEUTIQUES. CONDITIONS CONTRACTUELLES ET NOTES INFORMATIVES DE BASE.

Vienna, 1982. 96 p. tables, diagrams.

UNIDO-ID/WG.385/2

<UNIDO pub> on <contractual conditions and background in arranging <technology transfer> for formulation of <pharmaceuticals> - (1) provides general guidelines and concrete drafting proposals for the negotiation and conclusion of <licensing> arrangements (2) covers: special <equipment> and <raw material>s required; <quality control>, <process control>; <packaging>, <marketing>, <technical information>, <technical assistance>, <patents>, <trade mark>s, <training>, <dispute settlement>, etc. <Flow chart>s.

ENGL SPAN FREN

35.60

11824

1982

White, Tony

UNIDO

(R) COOK ISLANDS REPORT (HANDICRAFT PROMOTION).

DP/CKI/80/001

Vienna, 1982. 20 p.

:::::

<UNIDO pub>. <Expert report> regarding <handicraft promotion> in the <Cook Islands> - covers (1) survey of existing commercial outlets, <raw material>s, <prices> (2) counselling of retail <enterprise>s, improvement in <product design> (3) proposal to set up exhibition in central location; upgrading of <skills>; <training programmes>, <tourism> promotion, participation in <trade fairs>, <import> of special raw materials, <marketing>. <Recommendations>. Additional references: <weaving>, shells, pearls, cloth. <Restricted>.

ENGL

14.70

11825

1982

Abd Ellatif, Mohamed Ismail

UNIDO

(R) KUWAIT. TERMINAL REPORT. (CHEMICAL AND PETROCHEMICAL).

DP/KUW/79/009

Vienna, 1982. 46 p.

:::::

<UNIDO pub>. <Final report> regarding assistance to
<petrochemical industry> and <chemical industry> in
<Kuwait> - covers (1) new projects and <investment>
opportunities; <license> applications and their
<evaluation> (2) assistance in preparation of <feasibility
study>s and in <project implementation>; adaptation of
local <technology>s; <industrial safety> measures and
<pollution control>; <cooperation> with <international
organizations>; <technical assistance> requirements (3)
evaluation of regional studies. <Recommendations>.
<Restricted>.

ENGL

35.10

11826

1982

Kruger, Erwin J.

UNIDO

(R) HONDURAS. RESTRUCTURING OF CONADI.

DP/HON/76/003

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

:::::

<UNIDO pub>. <Expert report> on assistance to
restructuring of an industrial <development bank> (CONADI)
in <Honduras> - covers (1) present structure and
<financing> activities, <investment policy> (2) plans for
<capital investment>; <government policy>; guidelines for
<investment promotion> and <investment returns>, <credit
policy> (3) <organizational aspects>, <institutional
framework>, <legal aspects>, <legislation>.
<Recommendations>, tables. Additional references: <sugar>,
<construction industry>, <food industry>, <tourism>.
<Restricted>.

SPAN

29.30

11827 1982
Malkus, Jan
UNIDO
(R) CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY. REPORT.
DP/TUR/76/034
Vienna, 1982. 10 p.

:::::
<UNIDO pub>. <Expert report> regarding assistance to
<capital goods> industry in <Turkey>, with special
reference to <electric power>, <mining>, <chemicals>, and
<machine tool industry> - covers (1) identification of
<machinery> and <equipment> to be manufactured to meet the
needs of industrial plants; their <classification> and
codification by means of <computer programmes> (2)
development of a methodology for evaluating <demand> and
<consumption> of <machine tools> (3) <project selection>,
capacity survey. <Recommendations>. <Restricted>.

ENGL
25.10

11828 1982
Cobanov, M.B.A.
UNIDO
(R) ZAIRE. INSTITUT DE RECHERCHE SCIENTIFIQUE, CENTRE DE
LUBUMEASHI. RAPPORT FINAL.
DP/ZAI/71/539
DP/ZAI/81/013
Vienna, 1982. 16 p.

:::::
<UNIDO pub>. <Final report> regarding assistance to a
<food> <research centre> in <Zaire> - covers (1) set up of
centre, activation of <pilot plant> and <laboratory>s for
the processing and conservation of <fruit>s, <fruit
juice>s and <vegetables>; <flour>; <milk> from <soybeans>;
mixtures of flours for <bread> (2) <chemical analysis> of
finished products; <packaging>; <training> of <counterpart
personnel>; visits to <agro-industry> institutions.
<Recommendations>. <Restricted>.

FREN
31.50

11829 1982
Trivic, D.N.
UNIDO
(R) SYRIA. BOILERS AND HEAT PRODUCING SYSTEMS. FINDINGS,
ACTIVITIES AND RECOMMENDATIONS. FINAL REPORT.
DP/SYR/77/004
Vienna, 1982. 14 p.

::::
<UNIDO pub>. <Final report> regarding assistance to a
factory in <Syria> in improving production of <steam>
<boilers> - covers (1) proposals for <factory
organization>; sections for <engineering design>,
preparation of manufacture and manufacturing, <quality
control>; <maintenance and repair>, material supply and
<commercialization> (2) need to establish <standards> and
inspection requirements for <heating> systems; <training
abroad> of <engineers>. <Recommendations>. <Restricted>.

ENGL
36.30

11830 1982
McConnell, David
UNIDO
(R) GENETIC ENGINEERING AND BIOTECHNOLOGY IN EGYPT.

Vienna, 1982. 37 p.
UNIDO-UNIDO/IS/R.4
<UNIDO pub>. <Expert report> on <genetic engineering> and
<biotechnology> in <Egypt> - covers (1) application in
both <private sector>s and <public sector>s (2) programmes
of <research and development> and their applicability to
industries: the <agriculture> sector, <livestock>, plants,
<pesticides>, <insecticides>; <petroleum industry>,
<chemical industry>, <enzymes> and vaccines (<
pharmaceuticals>), etc. (3) <government policy> and
<regulations> affecting development and <technology
transfer> in this field, including <patents> and
<licensing> <legislation>. <Recommendations>. <Restricted>.

ENGL
35.50

11831 1982
Boldrini, O.F.
UNIDO
(R) MOZAMBIQUE. ESTUDIO Y ANALISIS PRELIMINAR DE LAS
CERAMICAS EN LA PROVINCIA DE NIASSA.
DP/MOZ/80/006
Vienna, 1982. 47 p. diagrams.

... : : : :

2

<UNIDO pub>. <final report> regarding analysis of <clay> materials for potential use for <ceramics industry> in <Mozambique> - covers: investigation of sources of <raw material>; guidelines for <mining>, <transport>, <storage> of clay; processing technology, necessary <machinery>, <drying> facilities, <wood> <kiln>; <maintenance and repair>, <manpower>, <energy>, <training>. <Recommendations>, <diagram>s. Additional references: <bricks>, <tiles>. <Restricted>.

SPAN

33.30

11832 1982
Spilman, Michel R.
UNIDO
(R) MAURITANIA. ETUDES DE FAISABILITE DE PROJETS INDUSTRIEL
RAPPORT FINAL.
DP/MAU/79/007
Vienna, 1982. 34 p.

• • •

<UNIDO pub>. <Expert report> on assistance to <industrial promotion> in <Mauritania> - covers (1) study of possible new <industrial project>s, their <economic aspects>, <organizational aspects>, <legal aspects>, <administrative aspects>, <counterpart personnel> (2) need of <infrastructure>; inventory of <natural resources>, <mineral resources>, <soil>, <livestock>, <human resources> and <training programmes>; establishment of a <development centre> for industrial promotion. <Recommendations>. <Restricted>.

FREN

FREN
14.70

11833 1982
Walton, Rene
UNIDO
(R) MAURITANIE. CELLULE D'APPUI A LA FORMATION ET A LA
VULGARISATION DES TECHNIQUES POUR L'UTILISATION,
L'ENTRETIEN, LE DEPANNAGE ET LA REPARATION DE L'EQUIPEMENT
MECANIQUE RURAL.
DP/MAU/79/007
Vienna, 1982. 52 p. tables, maps, illus.
:::::
<UNIDO pub>. <Expert report> on assistance in setting up a
<development centre> for promoting <maintenance and
repair> of equipment in <rural area>s of <Mauritania> -
covers (1) grass-root methods to be employed,
<decentralization>, <training> related to local
<mechanization> level, creation of new <tools> (2)
improvement of utilization and maintenance of
<agricultural equipment>, setting up <workshop>s and
<industrial extension> units (3) <organizational aspects>,
<management>, <institutional framework>, <costs>, list of
needed <equipment>. <Recommendations>, tables, <maps>,
illustrations. <Restricted>.

FREN
25.20

11834 1982
Kayatz, Klaus Alexander
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
CEMENT INDUSTRY TRAINING CENTRES.
Vienna, 1982. 15 p. tables, graphs, diagrams.
UNIDO-ID/WG.379/18
<UNIDO pub> on <cement industry> <training centre>s -
covers (1) <human resources> development; typical training
needs in cement plants (2) managing human resources
development (3) the training centre approach; individual
training centres as a vital <management> tool; scope of
activities; training master plans; targeted training.
Tables, <diagram>s.
ENGL
12.40

11835 1982
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
THE DEVELOPMENT OF THE CEMENT INDUSTRY IN THE DEVELOPING
COUNTRIES.
Vienna, 1982. 13 p. graph.
UNIDO-ID/WG.379/19
<UNIDO pub> on the development of the <cement industry> in
the <developing countries> - covers (1) background of
development (2) <choice of technology> for <portland
cement>; <quality control>; the wet process; the dry
process and new technique for <blending>, pre<heating> and
calozining (3) requirements for development up to the year
2000 (4) <role of UNIDO> in promotion of the industry.
Additional references: <raw material>s, <pozzolana>,
<lime>, <kiln>s, <factory establishment>.
ENGL
33.20

11836 1982
Willems, L.J.P.
UNIDO
REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982
THE WOOD AND WOOD PRODUCTS INDUSTRY IN GUYANA.
Vienna, 1982. 11 p.
UNIDO-ID/WG.380/9
<UNIDO pub> on the <wood> and <wood products> industry in
<Guyana> - covers (1) <forestry>; <tropical timber> (2)
range of wood utilization: <charcoal>, <latex>, <particle
board>, <plywood>, utility posts and shingles; lumber and
lumber products, <furniture>, <housing>, <construction
industry>; wood for <steam power> generation; other <fuel>
purposes; <adhesives>. Additional reference: <tree
species>.
ENGL
32.10

11837
Mahmood, S.T.S.
UNIDO

1982

JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982
A STATUS REPORT ON MHG IN BANGLADESH AND NEED FOR
INTERNATIONAL CO-OPERATION.

Vienna, 1982. 9 p. tables.
UNIDO-ID/WG.376/9

<UNIDO pub> on development of small <hydroelectric power>
generation (MHG) in <Bangladesh> and need for
international <cooperation> - (1) estimates <consumption>
of electricity, <fuel supply>, etc. (2) covers: status of
MHG programme; priority order for development;
difficulties (3) need for: <regional cooperation>;
<research and development> at the <national level>;
<training> (4) proposed regional centre at Hangzhou,
<China>.

ENGL
34.20

11838
Abramski, J.
UNIDO

1982

JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982
BEGINNING OF HYDRO-ELECTRIC GENERATION IN FIJI ISLANDS.

Vienna, 1982. 5 p.
UNIDO-ID/WG.376/11

<UNIDO pub> on development of small <hydroelectric power>
generation (MHG) in <Fiji> Islands - covers (1) the
<electric power> supply and MHG <development potential>
(2) the Vatukarasa Micro Hydro Electricity Scheme:
history, failures, faults, improvements (4) future
<production capacity> and <village> power applications.

ENGL
34.20

11839

1982

UNIDO

PATTERNS AND PROSPECTS FOR EAST-SOUTH TRADE IN THE 1980'S.

Vienna, 1982. 42 p. tables.

UNIDO-UNIDO/IS.335

<UNIDO pub>. Study of <trade> between <CMEA> countries (<Eastern Europe>) and the <developing countries> in the 1980s - covers (1) the development of CMEA foreign trade (2) its role in the CMEA (3) prospects for East-South trade: the country-specific and the general outlook (4) a scenario for CMEA trade in the 1980s (5) an Eastern scenario for East-South trade (6) East-South trade and accelerated development in the DCs. <Statistics>.

ENGL

16.10

11840

1982

UNIDO

REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,

SAO PAULO, 1982

REPORT. (MEETING FOR LATIN AMERICA ON WOOD AND WOOD PRODUCTS INDUSTRY).

- RAPPORT. (REUNION POUR L'AMERIQUE LATINE SUR L'INDUSTRIE DU BOIS ET DES PRODUITS EN BOIS).

Vienna, 1982. 21 p.

UNIDO-ID/WG.380/13

<UNIDO pub>. <Report> of a <meeting> for <Latin America> on <wood> and <wood products> industry - gives summary of discussions relating to (1) <raw material>, <forestry>, problems of deforestation (2) primary and secondary <wood processing> (3) <transport> problems (4) <trade> and <marketing> (5) <financing> (6) <technology>, industrial <infrastructure> and <regional cooperation>. <Recommendations>, <list of participants>, <list of documents>.

ENGL FREN

32.10

11841 1981
UNIDO
CONSULTATION ON THE PETROCHEMICAL INDUSTRY, 2ND, ISTANBUL,
1981
PROVISIONAL LIST OF DOCUMENTS. (2ND CONSULTATION ON THE
PETROCHEMICAL INDUSTRY).
Vienna, 1981. 1 p.
UNIDO-ID/WG.336/5
 <UNIDO pub>. <List of documents> for a <meeting> on the
 <petrochemical industry>.
ENGL
35.10

11842 1981
UNIDO
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
5TH, VIENNA, 1981
PROVISIONAL LIST OF DOCUMENTS. (SESSION OF LEATHER AND
LEATHER PRODUCTS INDUSTRY PANEL).
Vienna, 1981. 1 p.
UNIDO-ID/WG.353/4
 <UNIDO pub>. <List of documents> for a <meeting> on
 <leather industry>.
ENGL
32.40

11843 1982
UNIDO
UNIDO/ECLA EXPERT GROUP MEETING ON IMPLICATIONS OF
MICROELECTRONICS FOR THE ECLA REGION, MEXICO CITY, 1982
PROVISIONAL LIST OF DOCUMENTS. (MEETING ON MICROELECTRONICS
FOR ECLA REGION).
- LISTA PROVISIONAL DE DOCUMENTOS. (REUNION SOBRE LA
MICROELECTRONICA PARA AMERICA LATINA).
Vienna, 1982. 1 p.
UNIDO-ID/WG.372/7
 <UNIDO pub>. <List of documents> for a <meeting> on the
 implications of micro<electronics> for <Latin America>.
ENGL SPAN
38.10

11844 1982
UNIDO
UNIDO/ECLA EXPERT GROUP MEETING ON IMPLICATIONS OF
MICROELECTRONICS FOR THE ECLA REGION, MEXICO CITY, 1982
PROVISIONAL LIST OF PARTICIPANTS. (MEETING ON
MICROELECTRONICS FOR ECLA REGION).

- LISTA PROVISIONAL DE PARTICIPANTES. (REUNION SOBRE LA
MICROELECTRONICA PARA AMERICA LATINA).

Vienna, 1982. 4 p.

UNIDO-ID/WG.372/8

<UNIDO pub>. <List of participants> for a <meeting> on the
implications of micro<electronics> for <Latin America>.

ENGL SPAN

38.10

11845 1982
UNIDO
UNIDO/ECLA EXPERT GROUP MEETING ON IMPLICATIONS OF
MICROELECTRONICS FOR THE ECLA REGION, MEXICO CITY, 1982
PROVISIONAL AGENDA. (MEETING ON MICROELECTRONICS FOR ECLA
REGION).

- PROGRAMA PROVISIONAL. (REUNION SOBRE LA MICROELECTRONICA
PARA AMERICA LATINA).

Vienna, 1982. 2 p.

UNIDO-ID/WG.372/9

<UNIDO pub>. <Agenda> for a <meeting> on the implications
of micro<electronics> for <Latin America>.

ENGL SPAN

38.10

11846 1982
UNIDO
HIGH-LEVEL MEETING ON THE ESTABLISHMENT OF THE INTERNATIONAL
CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, BELGRADE,
1982

LIST OF DOCUMENTS. (MEETING ON THE ESTABLISHMENT OF THE
INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND
BIOTECHNOLOGY).

Vienna, 1982. 1 p.

UNIDO-ID/WG.382/5

<UNIDO pub>. <List of documents> for a <meeting> on the
establishment of the International Centre for <Genetic
Engineering> and <Biotechnology> (<ICGEB>).

ENGL

35.50

11847 1982
UNIDO
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
6TH, VIENNA, 1982
PROVISIONAL AGENDA. (SESSION OF LEATHER AND LEATHER PRODUCTS
INDUSTRY PANEL).
Vienna, 1982. 1 p.
UNIDO-ID/WG.386/1
<UNIDO pub>. <Agenda> for a <meeting> on <leather
industry>.
ENGL
32.40

11848 1982
UNIDO
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
6TH, VIENNA, 1982
PROVISIONAL LIST OF PARTICIPANTS. (SESSION OF LEATHER AND
LEATHER PRODUCTS INDUSTRY PANEL).
Vienna, 1982. 4 p.
UNIDO-ID/WG.386/3
<UNIDO pub>. <List of participants> for a <meeting> on
<leather industry>.
ENGL
32.40

11849 1982
UNIDO
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
6TH, VIENNA, 1982
PROVISIONAL LIST OF DOCUMENTS. (SESSION OF LEATHER AND
LEATHER PRODUCTS INDUSTRY PANEL).
Vienna, 1982. 1 p.
UNIDO-ID/WG.386/4
UNIDO-ID/WG.386/4/CORR.1
<UNIDO pub>. <List of documents> for a <meeting> on
<leather industry>.
ENGL
32.40

11850 1982
UNIDO
SEMINAR ON FURNITURE AND JOINERY INDUSTRIES, LAHTI, FINLAND,
1982
LIST OF PARTICIPANTS AND OBSERVERS. (SEMINAR ON FURNITURE AND
JOINERY INDUSTRIES).
Vienna, 1982. 4 p.
UNIDO-ID/WG.378/2
<UNIDO pub>. <List of participants> for a <meeting> on
<furniture> and joinery industries.
ENGL
32.20

11851 1982
UNIDO
ECONOMIST INTELLIGENCE UNIT
(R) INFORMATION SERVICE ON INVESTMENT CONDITIONS IN
DEVELOPING COUNTRIES.
US/GLO/78/123
Vienna, 1982. 1 vol. (various pagings). tables.
:::::
<UNIDO pub> giving information on <investment> conditions
in <developing countries> - (1) contains (a) standard
<definitions> of variables and of <foreign investment>
<regulations> (b) list of sources of <statistics> (2)
covers general country data, the <national economy>,
<manufacturing>, fore., n <investment policy>, economic
indicators, foreign <trade>, <development planning>,
<natural resources>, <infrastructure>, industrial
investment profile, etc. <Restricted>.
ENGL
29.20

11852

1982

UNIDO

CHANGING PATTERNS OF TRADE IN WORLD INDUSTRY: AN EMPIRICAL
STUDY ON REVEALED COMPARATIVE ADVANTAGE.

New York, UN, 1982. 203 p. tables.

UNIDO-ID/281

UN-E.82.II.B.1

<UNIDO pub> on patterns of <trade> in world
<manufacturing> products (reference: <structural change>) -
(1) provides some empirical evidence concerning changes in
comparative advantage over time, in different countries
and across selected industries as a first step in
clarifying some of the policy issues related to world
trade and industrial restructuring (2) examines the
significance of shifts of comparative advantage and the
issues considered in the <estimating> process, and then
summarizes the results (3) gives relevant <statistics> on
47 <developed countries> and <developing countries>.
<Definition>s. Additional references: <export>
performance, <value added>, <gross domestic product>.

ENGL

16.10

\$ 12.00

11853

1979

Basman, Mehmet A.

UNIDO

(R) LIBYA. ASSISTANCE TO CONSOLIDATE AND DEVELOP THE BENGHAZI
CEMENT FACTORY.

TF/LIB/75/002

Vienna, 1979. 46 p. tables, diagrams.

UNIDO-UNIDO/IOD.345

<UNIDO pub>. Expert report> regarding assistance to
<maintenance and repair> in <cement industry> in <Libya> -
covers (1) general plant features of the Benghazi
<factory>; plant efficiency; inspection; <staff> (2)
overall plant and mechanical maintenance; preventive
maintenance planning targets and preparation (3)
production line overhaul; plant <cement> <storage>
<silos>; clinker <transport> system. <Recommendations>,
<job description>, <manning table>. <Restricted>.

ENGL

33.20

11854 1982
Marei, A.R.
UNIDO
(R) LIBYA. REPLACING CYLPEBS BY GRINDING BALLS IN BENGHAZI I
AND HAWARI CEMENT MILLS.
TF/LIB/75/002
Vienna, 1982. 12 p. tables, graphs.
UNIDO-UNIDO/IO/R.29
<UNIDO pub>. <Expert report> on assistance to <cement
industry> in <Libya> (reference: <grinding>) - covers (1)
problems caused by the wearing of the cylpebs in the
Benghazi and the Hawari cement mills and the need to
replace them with grinding balls (2) a calculation of the
bulk volume and weight of the grinding media which would
be required for this operation. <Recommendations>, process
<statistics>. <Restricted>.
ENGL
33.20

11855 1982
Kacjan, M.
UNIDO
NIGER. RAPPORT TECHNIQUE: ASSISTANCE A LA SONIBRIQUE POUR
AMELIORER LA PRODUCTION ET LA GESTION.
DP/NER/78/003
Vienna, 1982. 26 p.
UNIDO-DP/ID/SER.A/372
<UNIDO pub>. <Expert report> on assistance to <bricks>
production in <Niger> - covers (1) the present situation
of the SONIBRIQUE <factory> with respect to: process and
<equipment>; <clay> <mining> and quality; problems in
production; <work organization>; <maintenance and repair>;
<economic aspects>, <financial aspects>; <domestic
market>; <administrative aspects> and <management> (2)
<expert's activities and results obtained.
<Recommendations>.
FREN
33.30

11856 1982
Hirschler, Robert
UNIDO
(R) EGYPT. TEXTILE DEVELOPMENT CENTRE. MISSION REPORT.
DP/EGY/77/008
Vienna, 1982. 1 vol. (various pagings). tables, diagrams,
graphs, illus.
:::::
<UNIDO pub>. <Expert report> on assistance to a <textiles>
<development centre> in <Egypt>, with special reference to
colour measurement (<dyeing>) - covers: visits to textile
<factory>s; <training programmes> and <seminar>s on colour
<measuring instruments> for <dyes>. Annexes list of
manufacturers of colour measuring <equipment>.
<Recommendations>, tables, graphs, <diagram>s,
<bibliography>, illustrations. Additional references:
<spinning>, <weaving>, <textile finishing>. <Restricted>.
ENGL
32.30

11857 1981
Chung, B.S.
Gorgatti Netto, I.
Hamdy, M.M.
Savic, I.
Spensley, P.C.
UNIDO
(R) ASSISTANCE TO THE SISTEMA ALIMENTARIA MEXICANO (SAM).
MISSION REPORT: FOOD PROCESSING RESEARCH AND DEVELOPMENT.
UC/MEX/80/168
Vienna, 1981. 237 p. tables, diagrams, flow charts.
UNIDC-UNIDO/IO/R.36
<UNIDO pub>. <Expert report> on the proposed creation of a
<technological institute> serving <food industry> in
<Mexico> - covers (1) proposals on such a centre's
functions in areas of <research and development> and
<training>, its general activities, <organizational
aspects> and <financing> (2) five relevant mission
reports. <Recommendations>, organizational <flow chart>s.
Additional references: <food technology>, <cooperation>,
<environment>, <prices>, <institutional framework>,
<industrial services>. <Restricted>.
ENGL
31.40

11858
Behl, L.K.
Correa, C.
UNIDO

1982

MEETING OF THE AD HOC PANEL OF EXPERTS ON CONTRACTUAL ARRANGEMENTS IN THE PHARMACEUTICAL INDUSTRY, VIENNA, 1982
ARRANGEMENTS FOR THE TRANSFER OF TECHNOLOGY FOR THE MANUFACTURE OF BULK DRUGS AND INTERMEDIATES.
- ARREGLOS PARA LA TRANSFERENCIA DE TECNOLOGIA PARA LA FABRICACION DE FARMACOS A GRANEL Y PRODUCTOS INTERMEDIOS.
Vienna, 1982. 115 p. diagrams.

UNIDO-ID/WG.385/1

<UNIDO pub> on <contractual arrangements for <technology transfer> for manufacture of bulk <pharmaceuticals> and <intermediates> - (1) gives guidance for the negotiation and drafting of agreements for new entrepreneurs or those wanting to add new products or adopt a new technology (2) covers <definitions>, <licensing>, obligations, time schedule, guarantees, liability, duration, <dispute settlement>, etc. <Diagram>s. Additional references: process <knowhow>, <fermentation>, <specifications>, <solvent>s, <equipment>, <effluent treatment>, <raw material>, <product mix>.

ENGL SPAN
35.60

11859

1982

UNIDO
SPAIN, MINISTRY OF INDUSTRY AND ENERGY
A CASE STUDY OF INDUSTRIAL DEVELOPMENT FINANCING: SPAIN.
Vienna, 1982. 94 p. tables.

UNIDO-UNIDO/PC.53

<UNIDO pub>. <Case study> of <industrial development> <financing> in <Spain> - (1) reviews the evolution of Spain's industrial economy from 1960 onwards, and describes the impact of the oil crisis on it, drawing special attention to the role of the <public sector>, and the external environment (2) covers the <financial aspects>, emphasising both the development of internal financing mechanisms and the contribution of external resources, whether as <foreign investment>s or <loan>s. <Statistics>. Additional references: <industrial policy>, <gross domestic product>, <capital formation>.

ENGL
29.10

11860 1982
Prelis, M.R.
UNIDO
THE ROLE OF THE PUBLIC INDUSTRIAL ENTERPRISE IN SRI LANKA.
Vienna, 1982. 27 p. tables.
UNIDO-UNIDO/IS.349

<UNIDO pub> on the role of <public enterprise> in <Sri Lanka> - covers (1) rationale for establishment and growth of the public <industrial sector> (2) <economic implications>; aggregate trends; comparative performance of public and <private enterprise>s; qualitative assessments (3) <organizational aspects> and <legal aspects> (4) governmental support for public enterprises. <Statistics>, <bibliography>. Additional references: <manufacturing>, <public investment>.

ENGL
21.30

11861 1982
Akbar Ali, Mir
UNIDO
UN CONFERENCE ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE, 2ND, VIENNA, 1982
POTENTIAL APPLICATIONS OF SPACE-RELATED TECHNOLOGIES TO DEVELOPING COUNTRIES.

Vienna, 1982. 124 p.
UN-A/CONF./101/BP/IGO/13

<UNIDO pub>. <Expert report> on potential application of space-related <technology>s in promoting <industrial development> - (1) identifies and describes space-related technologies, analysing their potential for use under conditions found in <developing countries> (2) covers: <food technology>; <tools>; inorganic fibre and composite technology (<manmade fibres>, <aggregates>); prospecting for <mineral resources>; inorganic <coating process>; <adhesives> and <plastics>; <energy> for <rural area>s; solid <lubricants>. <Bibliography>s. Additional references: <freeze drying>, <food>, <fibreglass>, <metals>, <welding>, <solar energy>, NASA, <research>.

ENGL
24.30

11862 1979
Bijli, S.M.
UNIDO

(R) AGRICULTURAL MACHINERY INDUSTRY. COUNTRY STUDIES OF THE
ARAB AND ESCAP REGIONS.

Vienna, 1979. various pagings. tables.

:::::

<UNIDO pub>. <Survey> regarding development of
<agricultural machinery> industry in <Arab countries> and
the <ESCAP> region - (1) gives general information on 1979
<regional> status of the industry and <agricultural
mechanization>, with reference to required priorities and
implications for national <industrial policy>s (2) gives
information on (a) 13 Arab countries (b) on <India>,
<Pakistan>, <Bangladesh>, <Thailand>, <Indonesia>,
<Philippines>, <Korea R> and <Sri Lanka>. <Restricted>.

ENGL

37.20

11863 1982
Kakodkar, S.R.
UNIDO

(R) TECHNOLOGICAL CO-OPERATION AMONG DEVELOPING COUNTRIES - A
SUGGESTED WORK PROGRAMME TO BE TAKEN UP BY THE TECHNOLOGY
PROGRAMME. DRAFT STUDY.

Vienna, 1982. 90 p.

:::::

<UNIDO pub> on <TCDC>, with special reference to the <role
of UNIDO> in its promotion (reference: <technology>) - (1)
analyses issues involved in advancing the technological
capabilities of <developing countries> and suggests some
specific activities for the UNIDO technology programme for
intensifying <cooperation> and <self help> (2) annexes (a)
material on relevant <institutional framework> and
priority areas for action (b) suggested formats for <data
collecting> for <directory>s of <research centre>s,
<consulting> and <industrial services>, and for a roster
of <expert>s. <Restricted>.

ENGL

24.30

11864 1982
Vakeva, Raimo
UNIDO
SEMINAR ON FURNITURE AND JOINERY INDUSTRIES, LAHTI, FINLAND,
1982
POLYURETHANE IN THE FURNITURE INDUSTRY.
Vienna, 1982. 29 p. tables, graphs, diagrams.
UNIDO-ID/WG.378/1
<UNIDO pub> on use of <polyurethane> <plastic foam> in the
<furniture> industry - covers (1) flexible polyurethane
foam technology; the properties of such foam (2)
<polystyrene>-urethane composite foam (3) flame
<lamination> polyether foam for the <textile industry>;
<fire retardant> foams (4) factors to be observed when
choosing a foam mattress (5) rigid foams; <materials
handling> <equipment>; blow index; <quality control>;
<industrial safety> in handling of isocyanates.
<Bibliography>, fire test reports, <diagram>s.
ENGL
35.70

11865 1982
Doerffer, Jerzy
Madey, Jerzy
UNIDO
EXPERT GROUP MEETING ON SMALL-SCALE SHIPBUILDING AND
SHIPREPAIR DEVELOPMENT FOR LATIN AMERICAN COUNTRIES,
HAVANA, 1982
CONSTRUCTION AND REPAIR OF SMALL FISHING VESSELS - POLISH
EXPERIENCE.
Vienna, 1982. 21 p. tables, diagrams.
UNIDO-ID/WG.375/5
<UNIDO pub> on <shipbuilding> and repair of small <fishing
vessels> in <Poland> - covers (1) construction of cutters;
model of fishing variants in thousands of tons;
operational <costs> (2) <maintenance and repair> problems;
specification of Baltic cutter fleet. <Statistics>,
<diagram>s.
ENGL
37.40

11866 1982
Mazurkiewicz, Boleslaw K.
UNIDO
EXPERT GROUP MEETING ON SMALL-SCALE SHIPBUILDING AND
SHIPREPAIR DEVELOPMENT FOR LATIN AMERICAN COUNTRIES,
HAVANA, 1982
BOATBUILDING AND REPAIR YARD FOR WOODEN FISHING BOATS.
Vienna, 1982. 24 p. tables, diagrams.
UNIDO-ID/WG.375/8
<UNIDO pub> on <shipbuilding> and repair yard for <wood>en
<fishing vessels> - covers (1) general programme and basic
layouts: purpose; output; type and dimensions of boats to
be built and maintained; proposed number of <workers>,
etc. (2) recommended and minimum area of the boatyard (3)
<utilities> (4) outline of boatbuilding process; general
<equipment> indications; <maintenance and repair> (5)
basic equipment (6) the proposal of the structural
solution of the boatbuilding ding and repair hall.
<Diagram>s. Additional reference: <workshop>.
ENGL
37.40

11867 1982
Steinkraus, Keith H.
UNIDO
APPLICATION OF BIOTECHNOLOGY AND GENETIC ENGINEERING TO
AFRICAN FERMENTED FOOD PROCESSES.
- APPLICATION DE LA BIOTECHNOLOGIE ET DU GENIE GENETIQUE AUX
METHODES AFRICAINES DE FABRICATION D'ALIMENTS FERMENTES.
Vienna, 1982. 28 p.
UNIDO-UNIDO/IS.336
<UNIDO pub> on application of <biotechnology> and <genetic
engineering> to <food> <fermentation> in <Africa> - covers
(1) general background and <development potential> (2)
some examples of African fermented foods (a) Kaffier corn
(<sorghum>) <beer> (b) ogi porridge (from <maize>,
<millet> or sorghum) in <Nigeria> (c) gari (from
<cassava>) (d) South African mahewu (maize <nonalcoholic
beverages>); mahewu in concentrated form.
<Recommendations>, <bibliography>. Additional reference:
<single cell protein>.
ENGL FREN
35.50

11868
Arni, V.R.S.
UNIDO

1982

EMERGING PETROCHEMICALS TECHNOLOGY: IMPLICATIONS FOR
DEVELOPING COUNTRIES.

Vienna, 1982. 248 p. tables, diagrams.

UNIDO-UNIDO/IS.350

<UNIDO pub> on <advanced technology> for <petrochemical industry> and implications for <developing countries> - covers (1) general technological structure of the industry; early feedstock bases; industry status before and after 1973; the scene in <UK>, <Germany FR>, <France>, <Italy>, <Japan> and <USA> (2) <research and development> (3) <chemicals> feedstock economics and implications for <choice of technology>; <methanol>; synthesis <gas> ("syngas") blended of carbon monoxide and hydrogen; <natural gas>; non-conventional <hydrocarbons>; feedstocks from <petroleum> processing concepts; <ethylene>. <Statistics>, <diagram>s. Additional references: <fuel>, <coal>, <biochemistry>.

ENGL
35.10

11869
Setai, Bethuel P.
UNIDO

1982

(R) LESOTHO. THE POTENTIAL FOR RESOURCE-BASED INDUSTRIAL DEVELOPMENT IN THE LEAST DEVELOPED COUNTRIES.

Vienna, 1982. 143 p. tables.

:::::

<UNIDO pub> on the potential for <industrial development> based on <natural resources> in <Lesotho> - covers (1) particulars of the <national economy> (2) structure of the <industrial sector>; <employment>, <manufacturing> (3) <agriculture>, <livestock>, <wood>, <mining>, <energy>, potential use of <solar energy> and <hydroelectric power> resources; <human resources>, <training>; domestic <financing> (4) <industrialization policy>; <institutional framework> (5) prospects for resources-based industrialization. <Statistics>, <industrial project> profiles, <bibliography>. Additional references: <milk>, <swine>, <poultry>, <fish>, <textile industry>, <forestry>. <Restricted>.

ENGL
14.60

11870 1982
UNIDO
POLYOLEFINS INDUSTRIES, BOMBAY
(R) FEASIBILITY STUDY FOR HIGH DENSITY POLYETHYLENE (HDPE)
PIPE PRODUCTION IN BHUTAN.

DP/BHU/80/004

Vienna, 1982. 43 p. tables, diagrams.

:::::

<UNIDO pub>. <Final report> regarding feasibility of manufacturing high-density <polyethylene> (HDPE) <pipe>s in <Bhutan> (reference: <water supply>) - covers (1) background of project with context of plans for provision of safe drinking <water> to <village>s, with indicated HDPE pipe <import substitution> (2) <market> and <production capacity>; <raw materials>s and inputs; <location of industry>, site; project <engineering>; <choice of technology> (<extruding>); and <equipment>; <factory organization> and overhead <costs>; <manpower>; <project implementation> schedule; <financial aspects> and <economic aspects>. <Statistics>, <factory layout>. <Restricted>.

ENGL

35.70

11871 1982
UNIDO
INDUSTRIAL INTERDEPENDENCE AND POSSIBILITIES FOR POLICY INITIATIVES BY THE SOUTH.
Vienna, 1982. 21 p. tables.

UNIDO-UNIDO/IS.344

<UNIDO pub> on industrial interdependence and the <role of developing countries> in <cooperation> - covers (1) achievements, failures and policy effects (2) <economic growth> requirements for achieving the Lima target (3) main factors affecting <South-South> co-operation possibilities (4) elements of a South-South co-operation package (5) <North-South> relations: co-operation or confrontation. <Statistics>. Additional references: <ECDC>, <industrial development>, <new international economic order>.

ENGL

15.20

11872 1982
Mazurkiewicz, Boleslaw K.
UNIDO
EXPERT GROUP MEETING ON SMALL-SCALE SHIPBUILDING AND
SHIPREPAIR DEVELOPMENT FOR LATIN AMERICAN COUNTRIES,
HAVANA, 1982
APPLICATION OF WIND POWER FOR SHIP'S DRIVE.
Vienna, 1982. 23 p. diagrams, illus.

UNIDO-ID/WG.375/10

<UNIDO pub> on application of <wind energy> for <ships>
drive - covers (1) background of revived interest in the
use of wind energy based on need to reduce <fuel> <costs>;
<engineering design> for hulls suitable for introduction
of sails (2) existing tendencies concerning large merchant
vessels; problems and solutions; experience in various
countries (3) sails for <fishing vessels>. <Diagram>s of
various sailboats.

ENGL

37.40

11873 1980
Engelthaler, Zdenek A.
Havel, P.
UNIDO
UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
MANUFACTURE OF WASHED KAOLIN FOR PAPER INDUSTRY.
Vienna, 1980. 37 p. tables.

::::

<UNIDO pub>. <Expert report> on manufacture of washed
<kaolin> for <pulp and paper industry> - covers (1)
definition of kaolin; properties, <chemical analysis>,
industrial applications; factors affecting the <choice of
technology> (2) washing process of kaolin; manufacture of
<coatings> kaolin; magnetic separation (3) other
<refining> processes (4) comparison of technologies in the
<USA>, <UK> and <Czechoslovakia> (5) <quality control> and
<management>. Tables, <bibliography>. Additional
references: <prices>, china <clay>.

ENGL

32.30

11874

1982

Belo, J.

UNIDO

(R) GUINEE-BISSAU. RAPPORT TECHNIQUE: ETUDE PRELIMINAIRE DES BESOINS LES PLUS CRITIQUES ET LES PLUS URGENTS DANS LE DOMAINE DE L'EMBALLAGE ET DU CONDITIONNEMENT AINSI QUE DES CONDITIONS NATIONALES POUR LE DEVELOPPEMENT DES INDUSTRIES PRODUCTRICES D'EMBALLAGES.

- (R) GUINEA-BISSAU. TECHNICAL REPORT: PRELIMINARY SURVEY OF THE MOST CRITICAL AND URGENT NEEDS IN THE FIELDS OF PACKAGING AND PACKING, AND OF THE NATIONAL SITUATION WITH REGARD TO THE PACKAGING INDUSTRY.

SI/GBS/82/801

Vienna, 1982. 31 p.

UNIDO-DP/ID/SER.A/376

<UNIDO pub>. <Expert report> regarding development of <packaging> industry in <Guinea Bissau> - covers (1) survey of present needs for appropriate packaging materials, with a view to their potential <domestic production> (2) visits to <industrial enterprise>s (3) production of: <glass> <bottles> and jars; moulded trays in pulped <paper> for <eggs>; <wood>en cases for <fruit> and <vegetables> (4) <plastics processing>. <Recommendations>, project suggestions. <Restricted>.

FREN ENGL

27.30

11875 1982
UNIDO
ROUND OF DISCUSSIONS WITH THE NATIONAL COMMITTEES FOR UNIDO,
1ST, VIENNA, 1982

REPORT. (DISCUSSIONS WITH NATIONAL COMMITTEES FOR UNIDO).
- RAPPORT. (CONSULTATIONS AVEC LES COMITES NATIONAUX POUR
L'ONUDI).

Vienna, 1982. 19 p.

UNIDO-UNIDO/CPE.4

<UNIDO pub>. <Report> of a <meeting> with representatives
of <UNIDO national committee>s - (1) covers discussions
held with a view to keeping the committees abreast on
<UNIDO> activities and promoting their participation in
them (2) gives general information on (a) UNIDO and its
special programmes (b) senior <industrial development>
field advisers (c) preparatory arrangements for UNIDO IV
(d) <administrative aspects>. <List of participants>.
Additional references: <technical assistance>, <source of
funds>, <industrial project>s, <industrial study>s,
consultations, <investment promotion>, <ECDC>, <least
developed countries>, <training>, <technology transfer>,
<energy>, <INTIB>.

ENGL FREN

14.60

11876 1982
Crawford, Louis L.
UNIDO
(R) KENYA. ASSISTANCE TO THE UPLANDS BACON FACTORY. TECHNICAL
REPORT: ASSESSMENT OF THE PLANT'S TECHNICAL AND ECONOMIC
OPERATION.

SI/KEN/81/801

Vienna, 1982. 31 p. tables, diagram.

UNIDO-DP/ID/SER.A/378

<UNIDO pub>. <Expert report> on assistance to a <meat
industry> in <Kenya> - covers (1) improvement of technical
and economic operation of a bacon factory with special
attention to <factory organization>, <management>,
<accounting>, <financing>, <raw material> supply,
<marketing>, etc. (2) farm operations. <Recommendations>,
<factory layout>. Additional references: <swine>, <pork>,
<slaughtering>, <food technology>. <Restricted>.

ENGL

31.30

11877
Hollmann, Hartwig
UNIDO

1982

(R) EGYPT. TECHNICAL REPORT: SURVEY AND TECHNICAL CONSULTANCY TO MANUFACTURING PLANTS ON WOVEN GARMENTS, INSTALLATION OF MACHINERY AND EQUIPMENT FOR THE GARMENT DEPARTMENT AT THE TEXTILE DEVELOPMENT CENTRE OF ALEXANDRIA, TRAINING OF PERSONNEL.

DP/EGY/77/008

Vienna, 1982. 36 p.
UNIDO-DP/ID/SER.A/383

<UNIDO pub>. <Expert report> on assistance to <clothing> industry (<weaving>) in <Egypt> - covers (1) project background; work programme (2) <machinery> and <equipment> at the <Textiles> <Development Centre> in Alexandria (3) <training programmes> (4) proposed programme for <counterpart personnel> (5) required <documentation> (6) sample of <survey> reports made on garment <factory>s visited. <Recommendations>. <Restricted>.

ENGL
32.30

11878
Guha, N.
UNIDO

1982

(R) MAINTENANCE OF PHOSPHATE MINING MACHINERY AND EQUIPMENT.
JORDAN. TECHNICAL REPORT.

DP/RAB/78/021

Vienna, 1982. 46 p. tables.
UNIDO-DP/ID/SER.A/384

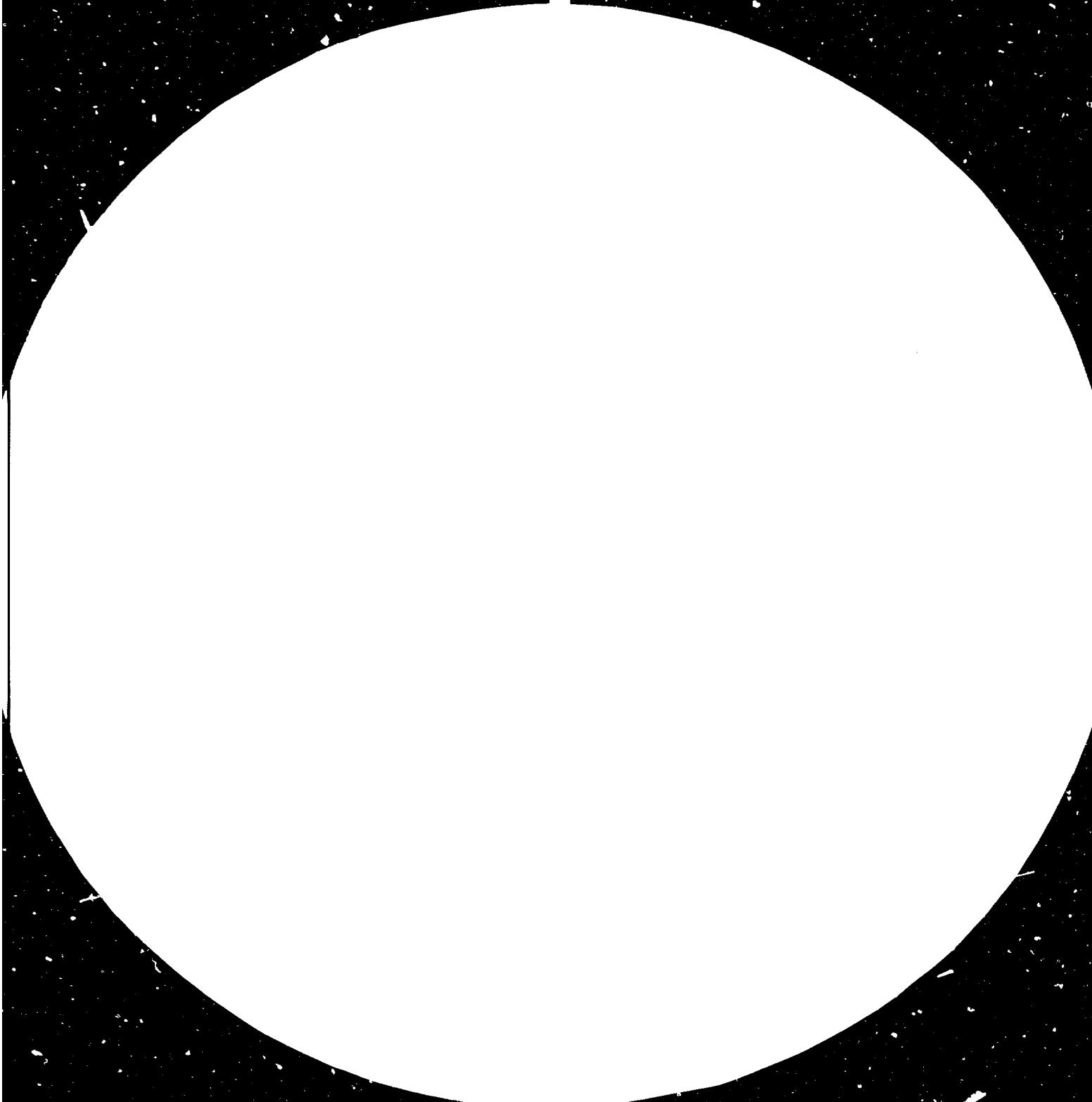
<UNIDO pub>. <Expert report> on assistance in <maintenance and repair> for <phosphate> <mining> <machinery> in <Jordan> - covers (1) background of problems (2) attention to <earthmoving machinery> (3) <management> situation and <training> needs at various mine units, especially at the El-Hassa mines. <Recommendations>, <equipment> list, specimen forms of log book recordings and of equipment history sheets. Additional references: <lubricants>, <tires>, <spare parts>, <storage>, <equipment replacement>. <Restricted>.

ENGL
25.20

11879 1982
Emrich, Walter
UNIDO
(R) SOMALIA. TECHNICAL REPORT: IMPROVEMENT OF CHARCOAL
PRODUCTION AND DEVELOPMENT OF A CHARCOAL INDUSTRY.
SI/SOM/78/803
Vienna, 1982. 32 p. tables, diagrams, illus.
UNIDO-DP/ID/SER.A/389
<UNIDO pub>. <Expert report> regarding development of
<charcoal> production in <Somalia> - covers (1) assessment
of the present charcoal production and <marketing> (2)
production of charcoal <briquettes> and <pyrolysis> <fuel>
oil from <wood wastes> and <agricultural wastes> (3)
production of charcoal briquettes from charcoal made in
Bhaidowa (4) development of a Somalia fire <bricks>
charcoal <kiln> (5) drawing-up of a national charcoal
industry <development plan>. <Diagram>s, illustrations.
Additional references: <equipment>, <costs>, <pilot
plant>. <Restricted>.
ENGL
34.30

11880 1982
UNIDO
ENERGY DEVELOPMENT AND INDUSTRIALIZATION.
Vienna, 1982. 76 p. tables.
UNIDO-UNIDO/OED.135
<UNIDO pub> on the interdependence between <energy>
development and <industrialization> - covers (1) the broad
perspective and setting of the problem; relevant <role of
UNIDO> (2) main issues and goals of an energy programme
(3) the potential contribution of (a) various <energy
sources>s: fossil <hydrocarbons>, <coal>, <nuclear energy>,
<hydroelectric power>, <biomass> (b) new and <renewable
energy>s (4) industry for energy; <fuel>s processing,
<equipment> production (5) industrial energy <management>
(6) programming aspects, activities, international
<cooperation>, etc. <Projection>s, <statistics>,
<bibliography>. Additional references: <energy saving>,
<investment>, <planning>, <solar energy>.
ENGL
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2.2



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1.8



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1.4



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1.0 1.1 1.25 1.4 1.6 1.8 2.0 2.2 2.5 2.8

11881

1982

UNIDO

JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982

DRAFT REPORT. (MEETING ON CREATION OF A REGIONAL NETWORK
SYSTEM IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
ESCAP REGION).

Vienna, 1982. 58 p.

UNIDO-ID/WG.376/13

UNIDO-ID/WG.376/13/ADD.1

<UNIDO pub>. <Report> of a <meeting> on proposed <ESCAP>
<regional cooperation> in the field of small
<hydroelectric power> generation (SHG) - covers (1)
objectives and <organizational aspects> of a proposed
Regional Network System for SHG (2) work programme of a
regional <development centre> for <research> and
<training> in SHG, initially to be located in Hangzhou,
<China> (3) summary of country papers on SHG experience in
<Bangladesh>, China, <Fiji>, <India>, <Malaysia>, <Nepal>,
<Pakistan>, <Philippines>, <Sri Lanka> and <Thailand>.
Group reports, <recommendations>, <list of participants>,
<list of documents>. Additional references: <information
service>, <choice of technology>.

ENGL

34.20

11882

1982

Boeck, Harald C.

UNIDO

KENYA. TECHNICAL REPORT: APPRAISAL OF THE KERIC VALLEY
DEVELOPMENT AUTHORITY'S CEMENT PLAN PROJECT.

SI/KEN/82/801

Vienna, 1982. 29 p. tables, graph, diagrams, maps.

UNIDO-DP/ID/SER.A/390

<UNIDO pub>. <Expert report> concerning a project for
setting up a <cement industry> in the Kerio Valley in
<Kenya> - covers (1) findings concerning <raw material>s;
<infrastructure>, <transport>, communications; utilities;
<power supply>, <manpower> (2) estimated <costs> for a
clinker-<grinding> plant and for an integrated cement
<factory>; <domestic consumption> of <cement>.
<Recommendations>, <maps>, <job description>, <diagram>s
of cement <containers> and <silos>.

ENGL

33.20

11883 1982
Latey, P.R.
UNIDO
(R) KENYA. MARKET DEVELOPMENT AND DEVELOPMENT OF EXPORT
ORIENTED INDUSTRIES. TERMINAL REPORT.
AR/KEN/74/002
Vienna, 1982. 22 p.

::::
<UNIDO pub>. <Final report> on assistance in development
of <export oriented industry> in <Kenya> - covers (1)
expert's activities including analysis of the <industrial
sector>, work on the <development plan> 1979-1983,
<industrial promotion>, feasibility study of an <export
processing zone> (2) advice regarding measures of <export
promotion> and <industrial project>s (3) <leather
industry>, <electric power>, <electronics industry>, <agri-
product processing>, <automobile industry>, <sodium
carbonate>, <tariff policy>. <Recommendations>.
<Restricted>.

ENGL
21.20

11884 1982
Jettmar, J.
Mazurkiewicz, Boleslaw K.
UNIDO
EXPERT GROUP MEETING ON SMALL-SCALE SHIPBUILDING AND
SHIPREPAIR DEVELOPMENT FOR LATIN AMERICAN COUNTRIES,
HAVANA, 1982
MATERIALS AND PRODUCTION TECHNOLOGY FOR SMALL SHIPS.
Vienna, 1982. 17 p. tables, diagram.

UNIDO-ID/WG.375/9
<UNIDO pub> on <shipbuilding>, with special reference to
<choice of technology> for small <fishing vessels> -
covers (1) general assumptions (2) materials and
technologies (3) selection criteria for hull building:
structural usability of material, operational properties,
<costs> of materials, <power consumption>, labour
requirements, <maintenance and repair>, capital costs,
<export> possibilities, etc. Recommendations, <flow chart>.

ENGL
37.40

11885

1982

Carlson, Eric C.

UNIDO

(R) INDIA. ESTABLISHMENT OF A NUMERICAL CONTROL CENTRE FOR
THE METAL WORKING INDUSTRY CMTI, BANGALORE.

DP/IND/73/014

Vienna, 1982. 9 p.

UNIDO-DP/ID/SER.B/351

<UNIDO pub>. <Final report> on assistance to <metalworking industry> in <India>, with special reference to development of <automatic control> (NC) for <machine tools> - covers (1) assistance to a <development centre> in Bangalore concerning (a) production operation sheets for NC in manufacturing (b) design of <metal cutting tools> and <dies and jigs> for use with NC (c) applications of NC (d) <training> and general consulting services concerning NC. <Recommendations>. <Restricted>.

ENGL

25.40

11886

1982

Deol, S.P.S.

Felicio, Miguel G.

MacLean, Alicia L.

UNIDO

A SUMMARY OF THE TRAINING NEEDS OF THE ADFIAP MEMBER
INSTITUTIONS IN THE SOUTHEAST ASIA AND PACIFIC REGIONS.

DP/RAS/80/020

Vienna, 1982. 1 vol. various pagings.

:::::

<UNIDO pub>. <Expert report> on <training> needs of <development bank>s and similar <financing> institutes in <Asia> and <Oceania> - surveys need for <training programmes> in (1) <Bangladesh>, <India>, <Indonesia>, <Japan>, <Korea R>, <Malaysia>, <Nepal>, <Pakistan>, <Sri Lanka> and <Thailand> (2) <Cook Islands>, <Solomon Islands>, <Vanuatu>, <Western Samoa>, <Fiji>, <Papua New Guinea> and <Tonga>. Additional reference: <banking>.

ENGL

29.30

11887 1982
Nayudamma, Y.
UNIDO
ROUND TABLE OF DEVELOPING COUNTRIES, 10TH, ZAGREB, 1982
MUTUAL CO-OPERATION OF DEVELOPING COUNTRIES IN TECHNOLOGY AND
HUMAN RESOURCES DEVELOPMENT FOR INDUSTRIAL DEVELOPMENT.
Vienna, 1982. 36 p.

::::
<UNIDO pub>. <Expert report> on <TCDC>, with special
regard to development of <technology> and <training> -
covers (1) promoting the <role of developing countries> in
collective <self help> for building up required science
and technology (S/T) capacities (2) present status and
gaps in capabilities (3) basic policy issues for
<cooperation>; <technology policy>, required measures (4)
basic restraints (5) preconditions for increased S/T co-
operation among DCs; common areas; methods and mechanisms
(6) training, the role of academic and <professional
organizations>; <information exchange>, <industry and
higher education>.

ENGL
15.20

11888 1982
Martinez-Abarca, Eduardo
UNIDO
EXPERT GROUP MEETING ON SMALL-SCALE SHIPBUILDING AND
SHIPREPAIR DEVELOPMENT FOR LATIN AMERICAN COUNTRIES,
HAVANA, 1982
PONENCIA DE SENERMAR SOBRE CONSTRUCCION NAVAL Y REPARACION DE
BUQUES EN AMERICA LATINA.
Vienna, 1982. 17 p.

UNIDO-ID/WG.375/4
<UNIDO pub> on <shipbuilding> and repair in <Latin
America> - covers (1) <market> for <ships> and <fishing
vessels>, shipbuilding <technology>, <training> of
<manpower>; auxiliary industries, <maintenance and
repair>; <financing> through <joint venture>s, <regional
cooperation> (2) characteristics of <sea transport>;
problems connected with different <infrastructure>s,
dissimilar <port> facilities, bureaucratic complications,
lack of <standardization> (3) consecutive steps in
shipbuilding, <engineering design>, <project
implementation>. Recommendations. Additional references:
<transport containers>, <steel>.

SPAN
37.40

11889 1982
Cahero, Fernando D.
UNIDO
EXPERT GROUP MEETING ON SMALL-SCALE SHIPBUILDING AND
SHIPREPAIR DEVELOPMENT FOR LATIN AMERICAN COUNTRIES,
HAVANA, 1982
EL MERCADO DE LA REPARACION NAVAL EN LA SONDA DE CAMPECHE.
Vienna, 1982. 19 p. tables, map.
UNIDO-ID/WG.375/6
<UNIDO pub> on <maintenance and repair> of <ships> in the
Gulf of <Mexico> - (1) <industrial services> offered;
small size of <trawlers> and <fishing vessels>; inspection
requirements (2) number and type of existing vessels and
available shipyards; proposal for desirable <location of
industry> with all necessary facilities such as <hoisting
machinery>, <electronic equipment> and <electrical
machinery>. Recommendations, <statistics>, <maps>.
SPAN
37.40

11890 1982
Podetti, Raul R.
UNIDO
EXPERT GROUP MEETING ON SMALL-SCALE SHIPBUILDING AND
SHIPREPAIR DEVELOPMENT FOR LATIN AMERICAN COUNTRIES,
HAVANA, 1982
BUQUES PESQUEROS DEL ATLANTICO SUR OCCIDENTAL. DISENO -
CONSTRUCCION - MANTENIMIENTO. CON "UN INFORME SOBRE EL
ESTADO ACTUAL DE LA CONSTRUCCION Y REPARACION NAVALES EN
AMERICA LATINA".
Vienna, 1982. 75 p. tables, maps, illus.
UNIDO-ID/WG.375/7
<UNIDO pub> on <shipbuilding> and repair in the <Latin
America>n region (South Atlantic), with special reference
to <fishing vessels> - covers (1) <natural resources>,
kinds of <fish>, <fishery product processing>, processing
of <seaweed>; joint <Argentina> and <Uruguay> fishing zone
(2) types and characteristics of <ships> and <trawlers>,
their <equipment>; <port>s, shipyards with building and
<maintenance and repair> facilities (3) <financing>
systems, <credit>s. <Recommendations>, <bibliography>,
<statistics>, <maps>, illustrations.
SPAN
37.40

11891 1982
Chevallier, Guy L.
UNIDO
(R) REPUBLIC OF KOREA. TECHNICAL REPORT: GRAPHICS AND
CONFIGURATION OF PACKAGES.
DP/ROK/78/008
Vienna, 1982. 22 p.
UNIDO-DP/1D/SER.A/379
 <UNIDO pub>. <Expert report> on assistance to a
 <packaging> <design centre> in <Korea R> - covers (1)
 <organizational aspects>; <product design> approach,
 <equipment> requirements; <counterpart personnel>, status
 of <marketing> and <trade> promotion (2) <seminar> and
 visits to industry and universities; <technical
 assistance> requirements for <small scale industry> and
 <medium scale industry>. <Recommendations>, <job
 description>. <Restricted>.
ENGL
27.30

11892 1982
Anderson, R.J.
UNIDO
(R) MEXICO. FINAL REPORT ON EVALUATION, PLANNING, AND
TRANSFER OF TECHNOLOGY. (PLASTICS FOR USE IN AGRICULTURE).
Vienna, 1982. 146 p. tables, diagram.
:::::
 <UNIDO pub>. <Final report> on assistance in promoting
 manufacture and use of <plastics> in <agriculture> in
 <Mexico> (reference: <technology transfer>) - covers:
 <cost benefit analysis>; <appropriate technology>; <social
 aspects>, <economic aspects>; estimate of <production
 costs> and <crop yield>s as effect of use of <plastic
 film>; potential <demand> and <domestic production>.
 <Recommendations>, <statistics>, <flow chart>.
 <Restricted>.
ENGL
35.70

11893 1982
Strahle, Rolf
UNIDO
(R) GUINEA ECUATORIAL. DESARROLLO DE LAS INDUSTRIAS DE
CONSTRUCCION Y MATERIALES DE CONSTRUCCION.
DU/EQG/80/013
Vienna, 1982. 55 p. diagrams, illus.
:::::
<UNIDO pub>. <Expert report> on development of the
<building materials> and <construction industry> in
<Equatorial Guinea> - covers (1) promotion and use of
domestic <raw material>s: <bamboo>, <wood>, <bricks>,
<cement>, adobe, <natural fibres> (2) construction
<technology>; <social aspects>, <housing>, <economic
aspects>, <cooperative>s (3) <technical assistance>
needed; <fellowships>. <Recommendations>, <diagram>s,
illustrations, <bibliography>. <Restricted>.
SPAN
33.20

11894 1982
Savi de Tove, William K.
UNIDO
(R) MAURITANIE. CREATION D'UN CENTRE NATIONAL D'INFORMATION
INDUSTRIELLE. RAPPORT FINAL.
DF/MAU/80/001
Vienna, 1982. 26 p. tables.
:::::
<UNIDO pub>. <Final report> regarding assistance in
setting up an industrial <information centre> in
<Mauritania> - covers (1) objectives of project; survey of
existing <enterprise>s, their constraints, preponderance
of <import>s; <industrial information> needs for <small
scale industry>s (2) activities of the centre; <training>
of <counterpart personnel>; <budget>; <equipment>
furnished; need for further <technical assistance>.
<Recommendations>, tables, <job description>, <project
document>. <Restricted>.
FREN
01.20

11895 1982
Castro-Boisier, Patricio
UNIDO

(R) ASSISTANCE TO THE BOARD OF THE CARTAGENA AGREEMENT IN
INDUSTRIAL DEVELOPMENT. TERMINAL REPORT: ANDEAN
PETROCHEMICALS PROGRAMME.

DP/RLA/79/069

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

:::::

<UNIDO pub>. <Final report> regarding the <Andean Group>
development programme for <petrochemical industry> -
reports on status of relevant <regional project>, with
reference to: increase in mutual <export>s; development of
<market information>; organization of <seminar>s and
<training programmes>; promotion of <plastics industry>
and alternative <raw material>s (<sugar cane>
derivations); <regional cooperation> and <information
exchange>; <role of UNIDO>. <Recommendations>, tables.
<Restricted>.

ENGL

35.10

11896 1982
Brion, Horatio P.
UNIDO

REGIONAL PREPARATORY MEETING FOR ASIA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
MANILA, 1982

REGIONAL SITUATION PAPER: THE WOOD AND WOOD PRODUCTS INDUSTRY
OF ASIA, ITS CURRENT STATUS (1981-1982) AND FURTHER
DEVELOPMENT.

Vienna, 1982. 77 p. tables.

:::::

<UNIDO pub>. <Expert report> describing current status and
<development potential> of the <wood> and <wood products>
industry in <Asia> - covers (1) <timber> resources, <tree
<species>, <bamboo>, <rattan>; <fuel> needs; <forestry>
<legislation> (2) primary and secondary <wood processing>
industry; <plywood> and <veneer>, <particle board>,
<fibreboard>; <market>, <export>s, need for <training> of
<manpower>; <research and development>; <investment>;
<wood technology>; <domestic production> of <machinery>
and <equipment>. <Recommendations>, tables, <bibliography>.

ENGL

32.10

11897 1982
Brenes Monge, Manuel A.
Hanzlicek, Thomas
UNIDO
(R) COSTA RICA. INFORME FINAL. PROYECTO DE ARCILLAS Y
CAOLINES.
DP/COS/81/801
Vienna, 1982. 65 p. tables, diagrams, maps.
:::::
<UNIDO pub>. <Final report> on assistance in developing
<ceramics industry> in <Costa Rica> based on domestic
<clay> reserves, including <kaolin> - covers (1) <import
<substitution> possibilities in production of <ceramics>,
<glass>, <paints and varnishes>, <pipe>s, <refractory
materials> (2) geological and <chemical analysis> of
deposits; guidelines for purification of <raw material>;
promotion of <cooperative> for traditional ceramic
<handicraft>s; <appropriate technology>, <costs>;
<training programmes> for <technical personnel>.
<Recommendations>, tables, <diagram>s, <maps>.
<Restricted>.

SPAN
33.30

11898 1982
Gursey, Hikmet
UNIDO
(R) TURKEY AS A CASE STUDY OF A DEVELOPING COUNTRY IN THE
DEVELOPMENT OF PETROCHEMICAL INDUSTRY.
Vienna, 1982. 33 p. tables.
:::::
<UNIDO pub>. <Case study> of development of <petrochemical
industry> in <Turkey> - covers (1) <location of industry>,
<choice of technology>, <license>s and supply <contract>s,
<training>, <financing>, <management> and <technical
personnel>, <spare parts> requirements; <domestic market>
forecasts, <research and development>; <domestic
production> of <equipment>, etc. (2) areas indicated for
<TCDC>. <Recommendations>, <statistics>. Additional
references: <naphtha>, <polypropylene>, <plastics>,
<ethylene>, <fertilizer>, <role of developing countries>.
<Restricted>.

ENGL.
35.10

11899

1982

UNIDO

REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982

PROVISIONAL AGENDA. (MEETING FOR LATIN AMERICA ON WOOD AND
WOOD PRODUCTS INDUSTRY).

Vienna, 1982. 2 p.

UNIDO-ID/WG.380/3

<UNIDO pub>. <Agenda> for a <meeting> for <Latin America>
on <wood> and <wood products> industry.

ENGL

32.10

11900

1982

UNIDO

HANDBOOK OF INDUSTRIAL STATISTICS.

New York, UN, 1982. 412 p. tables, diagrams, graphs.

UNIDO-ID/284

UN-E.82.II.B.2

<UNIDO pub>. <Handbook> containing <statistics> on the
<manufacturing> sector in 92 countries - covers indicators
of industrial activity considering (1) recent changes and
<long term> <trend>s in world industry (2) <structural
change>s at the sectoral level (3) indicators of net
manufacturing output (4) relative degree of
<industrialization> (5) indicators of apparent
<consumption> of selected manufacturers (6) indicators of
<export> performance by product group. <Classification>.
Additional references: <value added>, <industrial growth>,
<prices>, <developed countries>, <developing countries>.

ENGL

21.20

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11901

1982

UNIDO

UNIDO/LES JOINT MEETING ON PROBLEMS OF LICENSING INTO
DEVELOPING COUNTRIES, VIENNA, 1982
OVERVIEW OF SELECTED PROBLEMS OF TECHNOLOGY TRANSFER TO
DEVELOPING COUNTRIES.

Vienna, 1982. 11 p. tables.

UNIDO-ID/WG.388/1

<UNIDO pub> on problems of <technology transfer> to
<developing countries> - (1) covers relevant experience
during the last 15 years, considering <trend>s and major
actors of technology transfer among suppliers and
recipients of <technology> (2) describes (a) some basic
problems which still exist in this area and (b) key issues
and directions of technology flows in years to come.
<Statistics>. Additional references: <role of UNIDO>,
<technology policy>, <regulations>, <licensing>.

ENGL

24.30

11902

1982

UNIDO

(R) INDUSTRIAL RESTRUCTURING IN THAILAND. SOME OBSERVATIONS
BY A UNIDO MISSION. INTERIM REPORT.

SI/TMA/82/011

Vienna, 1982. 37 p.

UNIDO-UNIDO/IS/R.5

<UNIDO pub>. <Mission report> regarding <structural
change>s in the <industrial sector> of <Thailand> - covers
(1) the concept of industrial restructuring: <global
level>; Thailand's situation and approach (2) specific
issues: <financing> industrial restructuring; <foreign
exchange> and <trade policy>s; foreign resources; basic
industries; medium and <small scale industry>; raising
<productivity>; <technology>, <energy>; <rural area>s; use
of <incentives> (3) design and content of planned
<industrial study>s (4) the programme of analytical work;
<industrial planning>. <Restricted>.

ENGL

21.20

11903 1982
Roque de Oliveira, Isabel
UNIDO
UNIDO/LES JOINT MEETING ON PROBLEMS OF LICENSING INTO
DEVELOPING COUNTRIES, VIENNA, 1982
TECHNOLOGY TRANSFER BY PORTUGAL. AN OVERVIEW.
Vienna, 1982. 27 p. tables.

UNIDO-ID/WG.383/2

<UNIDO pub> on <technology transfer> intc <Portugal> -
covers (1) background of experience and needs (2) general
characteristics of relevant <legislation> (3) <definition>
of the principle of technology transfer (4) quantitative
and regulatory features of technology <import> (5)
payments for the <contract>ual importation of technology
(6) issues connected with methods of payment.
<Statistics>. Additional references: <technology policy>,
<regulations>, <licensing>.

ENGL

24.30

11904 1982
Catala, Ramon
UNIDO
(R) MEXICO. TECHNICAL REPORT: FOOD PROCESSING TRAINING
(CANNING).
DP/MEX/82/010

Vienna, 1982. 31 p.

UNIDO-DP/ID/SER.A/387

<UNIDO pub>. <Expert report> on <training assistance> in
<food technology> in <Mexico>, with reference to <canning>
- covers (1) a project concerning the Laboratorios
Nacionales de Fomento Industrial (LANFI), involving
<research and development> and <training programmes> in
<canned food> technology (2) results of past research
project; further research proposals; <quality control> of
<cans>; internal <seminar>s for LANFI <staff> and for
<technicians> from industry; <factory> visits.
<Recommendations>, <job description>. Additional
references: <laboratory>, <tin plate> <containers>.
<Restricted>.

ENGL

31.40

11905 1981
Engelthaler, Zdenek A.
UNIDO
NON-TRADITIONAL CERAMIC RAW MATERIALS ENABLING SAVINGS IN
ENERGY.
Vienna, 1981. 22 p. tables.
:::::
<UNIDO pub> on use of non-traditional <raw material>s with
attendant <energy saving> in manufacture of <ceramics> -
covers (1) the traditional raw materials (2) non-
traditional materials: tuffs, tuffites, nepheline,
phonolites, perlites, <limestone> (<dolomite>) and marls,
basalts (3) conclusions. Process <statistics>,
<bibliography>. Additional references: <tiles>, <bricks>,
<refractory materials>, <clay>, <heat treatment>.
ENGL
33.30

11906 1982
Syed, Reza H.
UNIDO
ROLE OF THE PUBLIC SECTOR IN THE INDUSTRIALIZATION OF
PAKISTAN.
Vienna, 1982. 46 p. tables.
UNIDO-UNIDO/IS.355
<UNIDO pub> on the role of <public sector> in the
<industrialization> of <Pakistan> - covers (1) objectives
for the establishment of the public <industrial sector>
(2) distribution of industries between the public and
<private sector>s (3) performance and impact:
<profitability> and rates of <investment returns>;
<industrial growth>; sales; <taxation> and duties;
<employment>, etc. (4) structure and performance:
<organizational aspects> and <legal aspects>; <management>
efficiency of <public enterprise>s; <institutional
framework>; public enterprises and industrial
<innovation>. <Statistics>, <bibliography>.
ENGL
14.40

11907

1982

Soede, Frans J.

UNIDO

(R) MISSION TO TANZANIA. (TIRDO PROJECT REVIEW).

DP/URT/78/019

Vienna, 1982. 12 p. Diagram.

::::

<UNIDO pub>. <Mission report> on a review meeting regarding assistance to a <research centre> (TIRDO) in <Tanzania> - covers (1) UNIDO's assistance to <information centre> and <instruments> <maintenance and repair> division; <technical assistance> in promotional, <management> and <organizational aspects>; future assistance sources; <project implementation> of <research and development> activities (2) <fellowships>, <training>, need for <research> <staff>. <Recommendations>, <diagram>. Additional references: <waste utilization>, <essential oils>, vegetable <dyes>, <salt>, <coal>, wood stoves, <chemicals>. <Restricted>.

ENGL

02.10

1190P

1982

Wilder, Curtis J.

UNIDO

(R) EGYPT. FOOD CANNING DEVELOPMENT CENTRE.

DP/EGY/78/002

Vienna, 1982. 12 p. tables.

::::

<UNIDO pub>. <Expert report> on assistance to a <food> <canning> <development centre> in <Egypt> - covers (1) assessment of existing <testing> <laboratory>s for <tin plate>, <cans>, <packaging> materials; <raw material>s (2) plan for <pilot plant> for <refrigeration>, <freezing>, food <drying>. <Factory layout>, <recommendations>, tables. <Restricted>.

ENGL

31.40

11909 1982
Swift, Philip McLean
UNIDO

(R) SURVEY OF THE EGYPTIAN RUBBER MANUFACTURING INDUSTRY AND
CREATION OF A DEVELOPMENT CENTRE. TERMINAL REPORT.

SI/EGY/82/801

Vienna, 1982. 13 p. tables.

:::::

<UNIDO pub>. <Final report> regarding <rubber industry> in
<Egypt>, with special reference to creation of a
<development centre> - covers (1) present structure of the
industry; future expansion and <export> potential; need
for a development centre providing <quality control> and
<testing> facilities (2) <administrative aspects>,
<technical personnel>, familiarity with new <raw
material>s and methods; <domestic production> of
<machinery>; <location of industry> and centre.
<Recommendations>. <Restricted>.

ENGL

32.50

11910 1982
Ogier, Maurice
UNIDO

(R) PROBLEMATIQUE DE LA CONCEPTION DES MATERIELS AGRICOLES
AFRICAINS FABRIQUES LOCALEMENT.

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

:::::

<UNIDO pub>. <Expert report> regarding <domestic
production> of <agricultural machinery> and equipment in
<Africa>n countries - covers (1) traditional (forging)
methods, <small scale industry>; problems connected with
<raw material>s and <financing>; <competition> from
<import>s; <training>, <maintenance and repair>
facilities, etc. (2) <appropriate technology> needs,
<choice of technology>, proposed production of <tractors>
suitable for <rural development> in <developing
countries>; <equipment> needed in <workshop>s, <equipment
costs>. <Recommendations>, <diagram>s, illustrations.
<Restricted>.

FREN

37.20

11911 1982
UNIDO
UNIDO INDUSTRIAL TRAINING OFFER PROGRAMME 1983.
- PROGRAMME DE FORMATION INDUSTRIELLE PROPOSE PAR L'ONUDI
POUR 1983.
- PROGRAMA DE OFERTAS DE CAPACITACION INDUSTRIAL DE LA ONUDI
PARA 1983.
Vienna, 1982. 20 p.
UNIDO-PI/85
<UNIDO pub> describing <UNIDO> industrial <training>
offers for 1983 - (1) concerns training operations
designed for <management development> and to improve
<skills> of high-level <technical personnel> (<engineers>)
(2) covers (a) industrial training field operations (b)
group <in-plant training> and <seminar>s (c) <fellowships>
(d) study tours. Additional reference: <role of UNIDO>.
ENGL FREN SPAN
12.40

11912 1982
UNIDO
CONSULTATION ON THE IRON AND STEEL INDUSTRY, 3RD, CARACAS,
1982
REPORT. (3RD CONSULTATION ON IRON AND STEEL INDUSTRY).
- INFORME. (3A CONSULTA SOBRE LA INDUSTRIA SIDERURGICA).
- RAPPORT. (3EME CONSULTATION SUR LA SIDERURGIE).
Vienna, 1982. 37 p.
UNIDO-ID/291
UNIDO-ID/WG.374/6
<UNIDO pub>. <Report> of a <meeting> on promotion of the
<iron and steel industry> in <developing countries> -
covers (1) background of meeting and development efforts;
recommendations of earlier consultations (1979) (2)
conclusions regarding (a) <training> of <manpower> for the
industry (b) <financing> of relevant <industrial project>s
in DCs (c) entry of newcomers into the steel sector (3)
reports of plenary session; the 1990 scenarios; reports of
working groups; related discussions. <Recommendations>,
<list of participants>, <list of documents>. Additional
references: <factory establishment>, <models>, <fore
ENGL SPAN FREN RUSS
36.10

11913

1982

Szafarczyk, M.A.

UNIDO

(R) INDIA. ESTABLISHMENT OF NUMERICAL CONTROL CENTRE FOR THE
METAL WORKING INDUSTRY CMTI, BANGALORE. TERMINAL REPORT.

DP/IND/73/014

Vienna, 1982. 11 p.

UNIDO-DP/ID/SER.B/356

UNIDO-DP/ID/SER.B/356/CORR.1

<UNIDO pub>. <Final report> on assistance in testing of
<automatic control> <machine tools> in <India> - covers
work done at the numerical control (NC) centre set up as
part of the machine tool <research centre> in Bangalore,
with special reference to (1) development of <testing>
<specifications> for NC machine tools in the final stage
of <engineering design> (2) establishing directions of NC
development and formulation of concepts for <research and
development>. <Recommendations>, test <classification>.
<Restricted>.

ENGL

25.40

11914

1982

Bajna, N.

De Bandt, J.

O'Brien, P.

Riedel, J.

Sperling, C.

UNIDO

(R) L'INDUSTRIE MALGACHE: ANALYSE DU FONCTIONNEMENT ET
PROPOSITIONS D'ACTION. DOCUMENT DE TRAVAIL.

DP/MAG/81/018

Vienna, 1982. 190 p. tables.

::::

<UNIDO pub>. <Expert report> regarding the <industrial
sector> of <Madagascar> - covers (1) <national economy>
and industry, <economic structure>, <natural resources>;
survey of <manufacturing>; <human resources>, <education>
and <planning>; <economic aspects>, <financing>,
<credit>s; <information service>s, <price control>,
<tariffs> (2) <capital goods> and <industrial policy>,
problems of <maintenance and repair> and <spare parts>;
<industrial project>s and <project implementation>;
<management> and basic development problems.
<Recommendations>, <bibliography>. <Restricted>.

FREN

21.20

11915 1982
UNIDO
CONSULTATION ON INDUSTRIAL FINANCING, 1ST, MADRID, 1982
REPORT. (CONSULTATION ON INDUSTRIAL FINANCING).
- INFORME. (CONSULTA SOBRE FINANCIACION INDUSTRIAL).
- RAPPORT. (CONSULTATION SUR LE FINANCEMENT INDUSTRIEL).
Vienna, 1982. 42 p.
UNIDO-ID/293
UNIDO-ID/293/CORR.1
UNIDO-ID/WG.377/5
UNIDO-ID/WG.377/5/CORR.1
<UNIDO pub>. <Report> of a <meeting> on industrial
<financing> - covers discussion of issues and problems
with reference to (1) potential gap in external financial
flows for industrial <investment> in <developing
countries> (2) ability of existing mechanisms and
<institutional framework> to provide additional financing
(3) applicability of innovative concepts and mechanisms
for overcoming the possible financing gap.
<Recommendations>, <list of participants>, <list of
documents>. Additional references: <capital market>,
<development bank>s.
ENGL SPAN FREN RUSS
29.10

11916 1982
UNIDO
SENER
(R) EL SALVADOR. FEASIBILITY STUDY FOR "JIBOA" SUGAR FACTORY
EXPANSION. SAN VINCENTE.
DP/ELS/78/001
Vienna, 1982. 3 vol. (various pagings). tables, diagrams.
:::::
<UNIDO pub>. <Final report> concerning the feasibility of
expanding a <sugar industry> enterprise in <El Salvador> -
covers (1) <evaluation> and potential development of JIBOA
<factory> at San Vincente to include production of
<alcohol>, <fuel> <methanol> and <bagasse> <fibreboard>
(2) <capital costs>, <production costs>, <investment>s;
<machinery> and <choice of technology> (3) alternative
<effluent treatment> methods, <waste utilization> for
<feed> or <fertilizer>; <economic aspects>, <demand>,
<production capacity>, <consumption>, <market>s, <social
aspects>, <legislation>, <profitability>.
<Recommendations>, <statistics>, <factory layout>.
Additional references: <molasses>, <fermentation>,
<distilling>. <Restricted>.
ENGL
31.30

11917 1980
Magalhaes Machado, Fernando
UNIDO
(R) MEXICO. INFORME FINAL. CIATEJ, CIATECH, CIATEQ, CONACYT.
OP/MEX/77/008
Vienna, 1980. 1 vol. (various pagings). tables, diagrams.

:::::
<UNIDO pub>. <Final report> regarding assistance to
<industrial services> and <research centre>s in <Mexico> -
covers (1) visits to CIATEJ, CIATECH, CIATEQ in the states
of Jalisco, Chihuahua and Queretaro respectively, their
<institutional framework>, <evaluation> of their
activities in the field of <industrial development> and of
the results of technical services offered to their clients
(2) decisions on future activities of each centre and of
Consejo Nacional de Ciencia y Tecnologia (CONACYT)
regarding <industrial programming>, <technology>,
<infrastructure>; <administrative aspects>.
<Recommendations>, tables, <diagram>s. <Restricted>.

SPAN
14.70

11918 1981
UNIDO
KIENBAUM ENTWICKLUNGS-CONSULT, GUMMERSBACH, FRG
(R) ETHIOPIA. SURVEY OF THE METALWORKING SECTOR. FINAL REPORT.
DP/ETH/80/013
Vienna, 1981. 1 vol. (various pagings). tables, map, illus.

:::::
<UNIDO pub>. <Survey> of <metalworking industry> in
<Ethiopia> - covers (1) <evaluation> of existing
<enterprise>s; problem areas: <technical personnel>, <raw
material>s, <spare parts>, <transport> (2) proposals for
expansion of production: <training programmes>,
<management development>, <technical education>,
<engineering>; <administrative aspects> of <public sector>
institutions; <investment> requirements, <industrial
project> proposals and priorities. <Recommendations>,
tables, <statistics>, <questionnaire>, <bibliography>,
<maps>, illustrations. <Restricted>.

ENGL
37.10

11919

1982

UNIDO

DASTUR ENGINEERING INTERNATIONAL GMBH, DUESSELDORF
(R) ESTABLISHMENT OF A MINI STEEL PLANT IN YEMEN ARAB
REPUBLIC.

RP/YEM/81/002

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

:::::

<UNIDO pub>. <Final report> on potential establishment of a mini <iron and steel industry> in <Yemen> - covers (1) <demand> and <production capacity>, <choice of technology>; <raw material>s: <metal scrap>, <limestone>, <iron ore>, ferro-<alloys>; <power supply>, <water>, other <utilities>; <infrastructure> (2) <location of industry>, <factory layout> and construction, <training> of <manpower>, <equipment> requirements; <capital costs>, <production costs>; <financial aspects>, <organizational aspects>. <Recommendations>, tables, <diagram>s.
<Restricted>.

ENGL

36.10

11920

1982

Doumbia, Seydou

UNIDO

MALI. LE POTENTIEL DE DEVELOPPEMENT INDUSTRIEL A PARTIR DES
RESSOURCES NATURELLES DANS LES PAYS LES MOINS AVANCES.

Vienna, 1982. 102 p. tables, maps.

UNIDO-UNIDO/IS.324

<UNIDO pub>. Study regarding <industrial development> based on <natural resources> in <Mali> - covers (1) state of the <national economy> (2) the <industrial sector>; <small scale industry>, <handicraft>, <training>, <financing>, <value added>, <employment>; problems (3) <agriculture> <livestock>, <fishery>, <mineral resources>, <energy>, <manpower>; investment <capital> (4) <industrialization policy> and mechanisms; the <institutional framework>; <regional cooperation> (5) <trend>s and perspectives. <Recommendations>, <maps>, <bibliography>, <statistics>.

FREN

14.60

11921

1980

UNIDO

ROUND-TABLE MINISTERIAL MEETING ON AGRO-INDUSTRY DEVELOPMENT,
BAGHDAD, 1980

DEVELOPMENT OF FOOD INDUSTRIES IN IRAQ.

- LES INDUSTRIES ALIMENTAIRES EN IRAQ.

- DESARROLLO DE INDUSTRIAS ALIMENTARIAS EN EL IRAQ.

Vienna, 1981. 26 p. tables.

UNIDO-ID/WG.328/23

<UNIDO pub> on development of <food industry>s in <Iraq> -
covers (1) country information (2) development of
agricultural <cooperative>s and state farms (3) the
agricultural position (4) <water> resources, <irrigation>
(5) <marketing> of <agricultural products> (6)
<infrastructure> (7) development of <agri-product
processing> and of an <agriculture> and <agro-industry>
production infrastructure.

ENGL FREN SPAN

31.30

11922

1982

Swift, Philip McLean

UNIDO

PETROCHEMICAL AND POLYMER CONSULTATION WEEK, PORTO ALEGRE,
BRAZIL, 1982

COMPETITION BETWEEN NATURAL AND SYNTHETIC RUBBERS.

Vienna, 1982. 73 p. tables, graphs.

UNIDO-ID/WG.368/2

<UNIDO pub> on the competition between natural <rubber>
(NR) and <synthetic rubber> - covers (1) the present
position and future <trend>s in <pricing> and <supply> of
NR and its major synthetic competitors (styrene butadiene
rubber and polybutadiene rubber) (2) the processing and
service performance of NR and its competitors in <tires>
and non-tire uses (3) the development of new forms of
rubbers and the effect on the <competitiveness> of NR.
<Bibliography>, <statistics>.

ENGL

32.50

1923 Emrich, Walter
UNIDO
SEMINAR ON ECONOMIC CRITERIA FOR THE SELECTION OF WOODWORKING MACHINERY AND PLANT SYSTEMS, HANNOVER, 1981
INDUSTRIAL CHARCOAL MAKING FROM FORESTAL AND AGRICULTURAL WASTE.
Vienna, 1981. 25 p. tables, diagrams.
UNIDO-ID/WG.338/3
<UNIDO pub> on industrial <charcoal> making by partial <pyrolysis> from forestal <wood wastes> and <agricultural wastes> - covers (1) the <raw material>s (2) process description: raw material preparation; <drying>; thermal converter; off-gas system; char handling and <storage> (3) material and <energy saving> (4) end use markets and applications for the products of the partial pyrolysis: charcoal <briquettes>, converter char, pyrolytic <fuel> oil, <heating> <gas>; <by-product>s (5) the integrated partial pyrolysis plant: <production capacity>; partial pyrolysis and <resources conservation>. Process <statistics>, <diagram>s, <flow chart>.
ENGL
34.30

11925 1980
UNIDO
ROUND-TABLE MINISTERIAL MEETING ON AGRO-INDUSTRY DEVELOPMENT,
BAGHDAD, 1980
THE EXPERIENCE OF TUNISIA IN THE DEVELOPMENT OF AGRO-INDUSTRY.
Vienna, 1980. 29 p. tables.
UNIDO-ID/WG.328/22

<UNIDO pub> on the experience of <Tunisia> in the development of <agro-industry> - covers (1) <government policy> and role in organizing and promoting the <industrialization> of <agriculture> (2) the introduction of global and sectoral <planning> (3) development of the activities of the industries engaged in <agri-product processing> (4) the <institutional framework> for the integration of industrial and agricultural activities. Additional references: <agricultural credit>, <investment>, <training>, <agricultural extension>, <pricing>, <development planning>.

ENGL
31.30

11926 1979
Drevo, Jan
Engelthaler, Zdenek A.
Novy, Milan
Vanek, Stanislav
UNIDO
UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
ENERGY CONSERVATION IN NON-METALLICS. (MOBILE DIAGNOSTIC UNIT).
Vienna, 1979. 1 vol. (various pagings). tables, diagrams.
::::

<UNIDO pub>. <Expert report> on potential use of a mobile diagnostic unit from <Czechoslovakia> for improvement of <energy saving> in processing of <nonmetallic minerals> and <ceramics> - covers: <equipment> and <instruments> of measuring <laboratory>; study of firing process in <kiln>; <testing> results and determination of heat consumption in <drying> process. <Recommendations>, <questionnaire>, <job description>s, <diagram>s. Additional reference: <mobile demonstration workshop>.

ENGL
35.30

11927 1982
Bokhari, Riyaz H.
UNIDO
DEVELOPMENT OF FERTILIZER INDUSTRY IN PAKISTAN AND A CASE
STUDY OF ITS MINI FERTILIZER PLANTS.
Vienna, 1982. 1 vol. (various pagings). tables, map.
:::::
<UNIDO pub>. <Expert report> on development of <fertilizer industry> in <Pakistan> - covers: <domestic consumption> of <fertilizers>s, survey of <factory>s and their <production capacity>; <bilateral> <technical assistance>; <case study> of small plants. <Recommendations>, <statistics>, <bibliography>. Additional references: <ammonia>, <urea>, <nitric acid>, <natural gas>, <phosphate>s, <agriculture>, main <crop yield>s.
ENGL
35.40

11928 1981
Engelthaler, Zdenek A.
Meinhold, L.
UNIDO
UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
TESTING AND EVALUATION OF CLAY SAMPLES FROM ZAIRE. FINAL
REPORT.
DP/ZAI/71/008
Vienna, 1981. 21 p. tables, illus.
:::::
<UNIDO pub>. <Final report> on testing and <evaluation> of <clay> samples from <Zaire> to determine their suitability for manufacture of <building materials> - covers: result of <drying> and firing of <raw material>; <chemical analysis>; determination of <water> absorbtion; <laboratory> <testing>; potential production of <tiles>, drain <pipe>s; possible <glazing> of tiles. <Recommendations>, illustrations.
ENGL
33.30

11929 1978
Engelthaler, Zdenek A.
Stockert, Miroslav M.S.
UNIDO
UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
CLAY SAMPLES FROM THE CARIBBEAN AREA. TECHNOLOGICAL
EVALUATION.
Vienna, 1978. 26 p. graphs, illus.
:::::
<UNIDO pub>. <Expert report> giving <evaluation> of
suitability of <clay> samples from the <Caribbean> area
for manufacture of <bricks> - covers: results of
<laboratory> <testing> of <raw material>; <chemical
analysis>, technological aspects; manual preparation of
bricks, firing in <kiln>s. <Recommendations>, x-ray
analysis of samples, illustrations.
ENGL
33.30

11930 1982
Parthasarathy, M.
UNIDO
(R) EGYPT. FINAL REPORT. USE OF POLYTHENE FILM FOR WATER
STORAGE.
DP/EGY/77/004
Vienna, 1982. 8 p.
:::::
<UNIDO pub>. <Final report> regarding assistance in use of
<plastic film> for <water management> in <Egypt> - covers
(1) provision of polythene film lining for large
underground <water> <storage> ponds used for harvesting
rainwater for subsequent <irrigation> purposes, describing
mission activities, technical aspects and problems (2)
drip irrigation on <olives> at Mersa Matrouh. Additional
reference: <agriculture>. <Restricted>.
ENGL
35.70

11931

1982

UNIDO

EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
POLICY RESPONSES TO TECHNOLOGICAL ADVANCES. SOME ILLUSTRATIVE
CASES.

Vienna, 1982. 21 p.

UNIDO-ID/WG.384/3

<UNIDO pub> on policy responses to <advanced technology>, with special reference to micro<electronics>, <genetic engineering> and <biotechnology> - covers (1) <government policy> responses to emerging technological advances (2) assessment of future <trend>s in the context of development as a whole (3) policy responses based on institutionalized or integrated approaches to <technological change> (4) policy responses to selected advances in <UK>, <USA>, <Germany FR>, <Ireland>, <EEC>, <Singapore>, <Brazil>, <Mexico> and <India>. <Bibliography>.

ENGL

24.30

11932

1982

Han Xue-Tong

UNIDO

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

HOW CHINA HAS DEVELOPED ITS ABILITY OF BUILDING NITROGENOUS
FERTILIZER PLANTS.

Vienna, 1982. 12 p. illus.

UNIDO-ID/WG.364/14

<UNIDO pub> on <factory establishment> for nitrogenous <fertilizer industry> in <China> - outlines development of construction with attention to methods and special reference to (1) operational <research> and <project evaluation> techniques (PERT) (2) use of domestic <transport> and <hoisting machinery> (3) <prefabricated building> and pre-assembly (4) strict <management> regulation and <quality control>. Illustrations.

ENGL

35.40

11933

1982

Wu Hong-ye
Xue Tian-xiang
UNIDO

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

THE VIABILITY OF 200-300 MT/D NATURAL GAS BASED AMMONIA PLANT.
Vienna, 1982. 10 p. tables, diagrams.

UNIDO-ID/WG.364/19

<UNIDO pub> on viability of a <natural gas> based
<ammonia> plant with a <production capacity> of 200-300 MT
per day (based on experience in <China>) - covers:
technical aspects; typical features; <engineering design>,
centrifugal compressors, synthesis pressure, by-product
<steam>, <heat recovery> and utilization; <power
consumption>, <energy saving>. <Bibliography>, <flow
chart>s, process <statistics>.

ENGL

35.30

11934

1982

Kaigl, Vladimir
UNIDO

(R) ASSISTANCE TO THE NIGERIA-NIGER COMMISSION FOR ECONOMIC
CO-OPERATION. TECHNICAL REPORT.

DP/RAF/77/020

Vienna, 1982. 43 p.

UNIDO-DP/ID/SER.A/375

<UNIDO pub>. <Expert report> on assistance to the
<Nigeria>-<Niger> Commission for Economic <Cooperation> in
(a) preparation of <industrial study>s regarding <regional
project>s (b) staff <training> - covers (1) <training
assistance> to <counterpart personnel> (2) launching of
feasibility studies relating to: <millet> and <sorghum>
<milling industry>; <rural development> and <planning> for
shared <river> basins; exploitation of <iron ore>
deposits; <solar energy> <equipment>; <glass>
<containers>; <plastics> for <agriculture>, etc.
<Recommendations>. Additional references: <regional
cooperation>, <ECDC>, <joint project>. <Restricted>.

ENGL

14.50

11935 1982
Hoffmeyer, Jacques
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
NECESSARY CONDITIONS TO ESTABLISH A CEMENT PLANT OR TO EXTEND
THE EXISTING PRODUCTION CAPACITY.

Vienna, 1982. 31 p. tables.
UNIDO-ID/WG.379/17

<UNIDO pub> on conditions for <factory establishment> or
expansion of <production capacity> in the <cement
industry> - reviews (1) situation of the world cement
industry; <trend>s; reduced growth rate in <developed
countries> (2) basic conditions to be considered in the
pre-feasibility study stage of a project: <raw material>s;
the accessible <market>, including <export> potential;
type of <financing>. <Statistics>.

ENGL
33.20

11936 1982
Chalmers, R.K.
UNIDO

(R) POLLUTION CERTIFICATION. BRAZIL. TERMINAL REPORT.
SI/BRA/81/802
Vienna, 1982. 58 p. tables, diagram, illus.

:::::
<UNIDO pub>. <Final report> on assistance to the State
<Pollution Control> Organization (COPAM) of Minas Gerais,
<Brazil> - covers: COPAM structure and operations; the
size of the problem; quantifying emissions of
<pollutants>; <standards>; effects of pollutants;
assessment of applications for <license>s; <factory>
inspections. <Recommendations>, <job description>.
Additional references: <water pollution>, <effluent
treatment>, <waste disposal>, <air pollution>, monitoring,
<industrial safety>. <Restricted>.

ENGL
11.30

11937 1982
Wahba, Wahby G.
UNIDO
UNIDO/LES JOINT MEETING ON PROBLEMS OF LICENSING INTO
DEVELOPING COUNTRIES, VIENNA, 1982
ACQUISITION OF FOREIGN TECHNOLOGY IN EGYPT: A NEW APPROACH.
Vienna, 1982. 17 p.
UNIDO-ID/WG.388/3
<UNIDO pub> on a new approach to <technology transfer> in
<Egypt> - covers (1) import of technology (2)
technological problems: a user's point of view (3)
<development policy>; <technology policy> (4)
strengthening Egypt's access to foreign technology (5)
technology transfer and restrictive business practices:
<licensing>, <patents>, <trade mark>, industrial designs
and models. Additional references: <legislation>,
<industrial property>.
ENGL
24.30

11938 1982
UNIDO
EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
IMPLICATIONS OF NEW MATERIALS AND TECHNOLOGY FOR DEVELOPING
COUNTRIES. A PRELIMINARY APPROACH.
Vienna, 1982. 10 p.
UNIDO-ID/WG.384/1
<UNIDO pub> on implications of <new materials> and related
<technology> for <developing countries> - covers (1)
current and anticipated new materials and <advanced
technology>; material shortages; <energy> implications;
need for <energy saving> and <recycling>; <metals>,
<plastics>, composites (2) need for analysis by DCs;
<economic implications>; indicated action.
ENGL
24.30

11939

1982

UNIDO

EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
EMERGING PHOTOVOLTAICS TECHNOLOGIES: IMPLICATIONS FOR
DEVELOPING COUNTRIES.

Vienna, 1982. 11 p. tables.

UNIDO-ID/WG.384/2

<UNIDO pub> on emerging photovoltaic <solar energy>
technologies and their implications for <developing
countries> - reviews <advanced technology> relating to
solar photovoltaic systems and covering (1) basic <raw
material>, particularly <silicon> (2) solar cells and
modules (3) balance of system <components> (4) complete
system <engineering> (5) fundamental <research> on solar
cells; <research and development>, particularly to reduce
<costs> and complication of manufacture; <mass production>
technology (6) relevance of this system to the DCs;
application in <rural area>s.

ENGL

34.10

11940

1982

UNIDO

EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
GENETIC ENGINEERING AND BIOTECHNOLOGY AND DEVELOPING
COUNTRIES. DIRECTIONS OF ACTION.

Vienna, 1982. 8 p.

UNIDO-ID/WG.384/4/REV.1

<UNIDO pub> on <genetic engineering> and <biotechnology>
for <developing countries> - covers (1) direction of
national actions: building up teams of <technical
personnel> for <advanced technology> and <skills>;
<training programmes>; <patents> laws; <health>
regulations (2) direction of international action:
<cooperation> in setting up the <ICGEB> for <research> aid
and <training> of core technical groups, for promotion of
<biomass> generation and its industrial conversion, for
assisting DCs in the <commercialization> of the relevant
technology, etc.; <technical assistance>. Additional
references: <technology transfer>, <technology policy>.

ENGL

35.50

11941

1979

Drevo, Jan

UNIDO

UNIDO-CZECHOSLOVAKIA JOINT PROGRAMME, PILSEN
ESTABLISHMENT OF A CERAMIC PILOT PLANT IN BOTSWANA.
Vienna, 1979. 28 p. tables.

::::

<UNIDO pub>. <Expert report> on the feasibility of setting up a <ceramics> <pilot plant> for manufacture of <tiles> in <Botswana> - covers (1) <capital investment>; <machinery> requirements; production potential, <location of industry>, <appropriate technology>, <technical assistance>, need for <testing> (2) guidelines for production of tiles, <equipment>, <capital costs>, <production costs>, <utilities>, <wages>. <Recommendations>, tables, <bibliography>. Additional references: <clay>, <bricks>, <drying>, <glazing>, <kiln>.

ENGL

33.30

11942

1982

Messian, Y.F.

UNIDO

(R) FIJI. INDUSTRIAL PROMOTION AND DEVELOPMENT. TERMINAL REPORT.

DP/FIJ/80/002

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

::::

<UNIDO pub>. <Final report> on assistance in organizing <industrial promotion> activities in <Fiji> - covers (1) <institutional framework>, objectives and policy; review of <incentives>, <legislation>, regulations; <project selection>, <project implementation> and constraints, lack of <industrial area>s (2) assistance requirements of <small scale industry>s, role of <public sector> and <private sector> in <investment>; <export>s, <license>s, <industrial information> system, improvement in <productivity> and <management> skills; <counterpart personnel>. <Recommendations>, <bibliography>, <project evaluation> form. <Restricted>.

ENGL

14.70

11943 1982
Fath, Janos
UNIDO
(R) LES PARAMETRES ECONOMIQUES DE LA CREATION D'UNE INDUSTRIE
CERAMIQUE EN GUINEE. (RAPPORT INTERMEDIAIRE).
Vienna, 1982. 92 p. tables, diagrams.

:::::
<UNIDO pub>. <Expert report> on setting up a <ceramics industry> in <Guinea> (reference: <clay building materials>) - covers (1) <ceramics> requirements by the <construction industry> providing <housing> for increasing population; <raw material>s employed, their cost (2) <project evaluation>, <capital costs>, <investment>, potential production and <consumption> of tableware, <sanitary wares>, <tiles>, <bricks>; <economic aspects>. <Recommendations>, <statistics>, <diagram>s. <Restricted>.

FREN
33.30

11944 1982
UNIDO
EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MCSCOW, 1982
PROVISIONAL AGENDA. (MEETING ON TECHNOLOGICAL ADVANCES AND
DEVELOPMENT).

Vienna, 1982. 1 p.
UNIDO-ID/WG.384/7

<UNIDO pub>. <Agenda> for a <meeting> regarding <advanced technology>.

ENGL
24.30

11945 1982
UNIDO
EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
PROVISIONAL LIST OF DOCUMENTS. (MEETING ON TECHNOLOGICAL
ADVANCES AND DEVELOPMENT).

Vienna, 1982. 2 p.
UNIDO-ID/WG.384/8

<UNIDO pub>. <List of documents> for a <meeting> regarding
<advanced technology>.

ENGL
24.30

11946

1982

UNIDO

EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
PROVISIONAL LIST OF PARTICIPANTS. (MEETING ON TECHNOLOGICAL
ADVANCES AND DEVELOPMENT).

Vienna, 1982. 6 p.

UNIDO-ID/WG.384/9

<UNIDO pub>. <List of participants> for a <meeting>
regarding <advanced technology>.

ENGL

24.30

11947

1982

UNIDO

REGIONAL MEETING FOR AFRICA IN PREPARATION OF THE FIRST
CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
VIENNA, 1982

PROVISIONAL AGENDA. (MEETING FOR AFRICA ON WOOD AND WOOD
PRODUCTS INDUSTRY).

- ORDRE DU JOUR PROVISOIRE. (REUNION POUR L'AFRIQUE SUR
L'INDUSTRIE DU BOIS ET DES PRODUITS EN BOIS).

Vienna, 1982. 2 p.

UNIDO-ID/WG.373/2

<UNIDO pub>. <Agenda> for a <meeting> for <Africa> on wood
and <wood products> industry.

ENGL FREN

32.10

11948

1982

UNIDO

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

LIST OF PARTICIPANTS. (MEETING ON SELECTION OF WOODWORKING
MACHINES).

Vienna, 1982. 8 p.

UNIDO-ID/WG.369/5

<UNIDO pub>. <List of participants> for a <meeting> on the
selection of <wood processing> <machinery>.

ENGL

32.10

11949

1982

UNIDO

MANDERSTAM, L.H., LONDON

(R) INVESTIGATION ON THE FUTURE POTENTIAL OF CHLORINE
PRODUCTS IN PAKISTAN.

SI/PAK/81/801

Vienna, 1982. 86 p. tables, diagrams.

::::

<UNIDO pub>. <Final report> on the <development potential> of <chlorine> products in <Pakistan> - covers (1) existing <factory>s and planned expansion of Ittehad <chemical industry> (2) ammonium <chloride>, <bleaching> powder, <phosphoric acid>, <sodium> tripolyphosphate, diammonium <phosphate>, di<calcium> phosphate; <carbon> tetrachloride and freon-type <chemicals>; hydrazine hydrate, <vinyl chloride> monomer and <polyvinyl chloride> (3) <capital costs> and <production costs> estimates; relevant <statistics> and <chemical analysis>. Additional references: <water treatment>, <ammonia>, <patents>, <fertilizer>. <Restricted>.

ENGL

35.30

11950

1982

George, J.

UNIDO

ANNOTATED BIBLIOGRAPHY ON THE RESEARCH DONE ON THE USE OF
NATURALLY OCCURRING ADHESIVES FOR WOOD PROCESSING
INDUSTRIES.

Vienna, 1982. 139 p.

UNIDO-UNIDO/IO.514

UNIDO-UNIDO/IO.514/ADD.1

UNIDO-ID/WG.248/5

UNIDO-ID/WG.248/5/ADD.1

<UNIDO pub>. Annotated <bibliography> on <research> done on use of naturally occurring <adhesives> for <wood processing> industries - covers (1) glues in general and for wood working (2) carbohydrate materials: <starch> glues, <cellulose> glues (3) <protein>ous materials: animal glues, <bone> glues, blood, <casein>, <soybeans>, <groundnuts>, <cottonseed> protein, prolamin (4) <tannin> from various <tree species> (5) lignin based adhesives and <cashew nuts> shell liquid glues (6) extenders and fillers. List of <standards>. Additional reference: <wood technology>.

ENGL

35.80

11951

1982

Verstraete, P.

UNIDO

(R) MALI. EXPERTISE SUR LA PLANIFICATION, LA MISE EN VALEUR
ET L'UTILISATION DES RESOURCES EN ENERGIES RENOUVELABLES.
RAPPORT FINAL.

RP/MLI/81/0C1

Vienna, 1982. 98 p. tables, graphs, diagrams, illus.

UNIDO-UNIDO/IO/R.20

<UNIDO pub>. <Final report> on development and use of
<renewable energy> in <Mali> - covers (1) present
situation, <energy economics> (2) inventory of renewable
<energy source>s: <solar energy>, <wind energy>,
<hydroelectric power>, <geothermy>, <biomass> (3) non-
renewable resources (4) organization and <planning> in the
<energy> sector; a regional <development centre> (5)
policy elements (6) proposals for relevant projects,
giving summary <project document>s. <Statistics>, <maps>.
Additional references: <pumps>, <biogas>. <Restricted>.

FREN

34.10

11952

1982

Berney, O.
Segers, J.M.
UNIDO

(R) ASSISTANCE A LA COMMISSION MIXTE NIGERO-NIGERIANE DE COOPERATION. RAPPORT TECHNIQUE: PROJET D'ELABORATION D'UN PLAN D'ACTIONS POUR LA MISE EN VALEUR DES TROIS BASSINS COMMUNS AU NIGER ET AU NIGERIA.

- (R) ASSISTANCE TO THE NIGERIA-NIGER COMMISSION FOR ECONOMIC CO-OPERATION. TECHNICAL REPORT ON A PLAN OF ACTION FOR THE VALORIZATION OF THE THREE BASINS COMMON TO NIGER AND NIGERIA.

DP/RAF/77/020

Vienna, 1982. ix, 103 p.

UNIDO-DP/ID/SER.A/381

<UNIDO pub>. <Expert report> regarding <regional development> of three <river> basins shared by <Niger> and <Nigeria> (reference: <water management>) - covers (1) <planning> under a <regional project>; comparison of <development policy>s and projects (2) mission's terms of reference (3) physical characteristics of the three catchment areas retained for priority action, namely those of the Maggia-Lamido, Goulbi de Maradi-Gada and El Fadama-Tagway Rivers (4) project context; legal framework for <water utilization> and agronomic <research>; <documentation> (5) project components (6) protection of a very fragile natural <environment>; development of <agricultural machinery>. <Statistics>, <maps>, <bibliography>. Additional references: <water>, <soil>, <legislation>. <Restricted>.

FREN ENGL

11.20

11953 1982
Dvorak, Anton
Maloney, Thomas M.
UNIDO

(R) CUBA. DEVELOPMENT AND RESEARCH CENTRE FOR BAGASSE AGGLOMERATED PRODUCTS (BOARDS AND MOULDED PRODUCTS).
TECHNICAL REPORT: PRIORITIES AND EQUIPMENT.

DP/CUB/81/008

Vienna, 1982. 52 p. tables, diagrams.

UNIDO-DP/ID/SER.A/391

<UNIDO pub>. <Expert report> on assistance to <bagasse> based manufacture of <particle board>, <fibreboard>, etc. in <Cuba> - covers (1) plans for a new <research centre> for bagasse agglomerated boards and moulded products (2) project concept and <organizational aspects> of the centre (3) <equipment> for <laboratory> and <pilot plant>; <specifications> (4) auxiliary services, <staff>ing, research plans, <training> facilities. <Recommendations>, <factory layout>. Additional references: <aggregates>, <moulding>, <adhesives>, <agricultural wastes>. <Restricted>.

ENGL

32.10

11954 1982
Quasso, P.
UNIDO
(R) HAUTE-VOLTA. RAPPORT TECHNIQUE: INVENTAIRE DU PARC DE TRACTEURS AGRICOLES ET D'EQUIPEMENT LOURDS ET DIAGNOSTIC DES PROBLEMES D'ENTRETIEN.

SI/UPV/81/801

Vienna, 1982. 55 p. tables.

UNIDO-DP/ID/SER.A/394

<UNIDO pub>. <Expert report> regarding <maintenance and repair> of <tractors> and other heavy <motor vehicles> in <Upper Volta> - covers (1) inventory of existing tractors and mobile and heavy <machinery> (2) use of tractors and other <agricultural machinery> (3) condition of equipment and analysis of problems (4) planning for a comprehensive maintenance programme (5) availability of <spare parts> and after sale services (6) need for <technical assistance> and <rural area> <repair shop>s. <Statistics>. <Restricted>.

FREN

37.30

11955 1982
Kennedy, T.A.
UNIDO

(R) TURKEY. TECHNICAL REPORT: ENERGY CONSERVATION AND THE RATIONAL USE OF ENERGY RESOURCES.

SI/TUR/79/803

Vienna, 1982. 40 p. table.

UNIDO-DP/ID/SER.A/395

<UNIDO pub>. <Expert report> on assistance in development of <energy saving> especially for the <industrial sector> in <Turkey> - covers (1) structure and <organizational aspects> of the <electric power> administration; <staff>, <training> (2) <energy> priorities; <energy conservation> and rational use (3) need for development of relevant <information system>s and adequate <statistics> (4) proposals for <research> and analysis (5) industrial conservation; new and <renewable energy> sources.

<Recommendations>. <Restricted>.

ENGL

34.10

11956 1982
Bone, Geoff
UNIDO

(R) INDIA. TECHNICAL REPORT: IMPROVEMENT OF ENVIRONMENTAL AND RELIABILITY TEST FACILITIES AT THE NATIONAL TEST HOUSE, CALCUTTA.

DP/IND/75/040

Vienna, 1982. 38 p.

UNIDO-DP/ID/SER.A/396

<UNIDO pub>. <Expert report> regarding assistance to environmental and reliability <testing> of <electronic equipment> at a <laboratory> in <India> - covers: improvement of organization and procedures; setting up a failure analysis laboratory; <staff> and <training>; technical <seminar>s; <equipment> provided; co-ordination with other projects. <Recommendations>. Additional references: <integrated circuits>, <components>.

<Restricted>.

ENGL

38.20

11957 1982
Tatom, John W.
UNIDO
(R) PHILIPPINES. ASSISTANCE TO ENERGY PRODUCTION FROM BIOMASS
WASTE MATERIALS.
DP/PHI/78/022
Vienna, 1982. 50 p. tables, graphs, diagrams, illus.
UNIDO-DP/ID/SER.A/397
<UNIDO pub>. <Expert report> on production of <energy>
through <pyrolysis> of <biomass> waste materials in the
<Philippines> - covers (1) survey of existing pyrolysis
product utilization <technology>: <charcoal>, pyrolytic
<gas> and <fuel> oil (2) biomass waste production: <forest
products> and <agricultural wastes> (3) design of a
<prototype> pyrolysis system and <pilot plant>.
<Recommendations>, <factory layout>, <diagram>s,
<bibliography>. Additional references: <rice>, <wood
wastes>, <coconuts> shells. <Restricted>.
ENGL
35.20

11958 1982
Duncan, G.W.
UNIDO
(R) ASSISTANCE TO THE EGYPTIAN IRON AND STEEL COMPANY
(EISCO). FINAL REPORT.
SI/EGY/81/801
Vienna, 1982. Various pagings. Diagram.
:::::
<UNIDO pub>. <Final report> on assistance to an <iron and
steel industry> (EISCO) in <Egypt>, with special reference
to the maintenance of <boilers> - covers improvement of
production operations of the basic metallurgical shops,
with attention to (1) standards of <maintenance and
repair> techniques in the shop concerning the working of
the waste heat boilers (2) formulation of relevant
technological instructions (3) on-the-job <training>.
<Recommendations>, <diagram>. Additional references:
<spare parts>, <steam power>, <water treatment>.
<Restricted>.
ENGL
36.30

11959

1982

Stiegler, Edouard
UNIDO

(R) GABON. RAPPORT FINAL DE MISSION A LIBREVILLE. (INDUSTRIES
DE TRANSFORMATION).

DP/GAB/78/005

Vienna, 1982. 26 p.

::::

<UNIDO pub>. <Final report> regarding a project for development of the <industrial sector> (<processing>) in <Gabor> - covers (1) <agriculture> and <fishery>, <forestry>, <wood>, <mineral resources>, <import>ing (2) preconditions for successful processing industries (3) project background; activities and results (4) identification of <industrial project>s in the field of: <detergents>, industrial joinery and <furniture>, <fishery product processing>; <solar energy> <equipment> (for <refrigeration> purposes); <plastics> <packaging> (<bags and sacks>); <petrol>, small-scale <steel> mill, <adhesives>. <Recommendations>. <Restricted>.

FREN

24.30

11960

1982

Vijay, S.R.
UNIDO

(R) IDENTIFICATION OF PARTNER ENTERPRISES IN SWEDEN FOR UNITS
SELECTED FOR THE TRANSFER C TECHNOLOGY PROGRAMME IN
KARNATAKA STATE AND A DETAILED PLAN OF OPERATION.

Vienna, 1982. 50 p.

::::

<UNIDO pub> on a programme of <cooperation> for <technology transfer> between <industrial enterprise>s in <Sweden> and <India>, with special reference to <metalworking industry> - covers identification of partner enterprises in Sweden for mainly <small scale industry>s in Karnataka State, considering (1) <forging> units, <machine tools>, precision products, <foundry>, <measuring instruments>, <electrical equipment>, <wood products>, etc. (2) problems; supporting services. <Restricted>.

ENGL

24.30

11961 1982
Tinto, Jose C.
UNIDO
REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982
INDUSTRIA DE LA MADERA Y PRODUCTOS DE LA MADERA EN LA
REPUBLICA ARGENTINA.
Vienna, 1982. 8 p. tables.
UNIDO-ID/WG.380/4
<UNIDO pub> on <wood> and <wood products> industry in
<Argentina> - covers (1) <import>s and <export>s of
<forest products>; <tree species> used; <production
capacity> and number of <wood processing> industries;
<product mix> (2) promotion of the industries through
<legislation>, <credit>s, <technical assistance>,
<incentives>, <tariffs>; <import substitution>
possibilities; constraints. Recommendations, <statistics>.
SPAN
32.10

11962 1982
Viscarra, Silverio
UNIDO
REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982
LA INDUSTRIA MADERERA EN BOLIVIA.
Vienna, 1982. 15 p. tables.
UNIDO-ID/WG.380/5
<UNIDO pub> on <wood> and <wood products> industry in
<Bolivia> - covers (1) <production capacity> and number of
<wood processing> industries; <export>s: <aggregates>,
<plywood>, <veneer>, logs (2) problems connected with <raw
material>, insufficient <technical personnel>;
<management>; <maintenance and repair>; <financial
aspects>, <infrastructure>. Recommendations, <statistics>.
SPAN
32.10

11963 1982
Acosta, Chiang Gustavo
UNIDO
REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982
INDUSTRIA DE LA MADERA EN CHILE.
Vienna, 1982. 14 p. graphs.

UNIDO-ID/WG.380/6
<UNIDO pub> on <wood> and <wood products> industry in
<Chile> - covers: extent and location of <forestry>
terrain; <timber> resources; <wood processing> industries:
sawmills, <paper>, <particle board>, <cellulose>,
<fibreboard>; <market>s for <export>; <biomass> as an
<energy source>; <training> of <technical personnel>. Recommendations, <statistics>.

SPAN
32.10

11964 1982
Cortes, Hernan S.
UNIDO
REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982
ACTIVIDAD FORESTAL EN CHILE, SITUACION ACTUAL Y PERSPECTIVAS
FUTURAS.

Vienna, 1982. 9 p.
UNIDO-ID/WG.380/7
<UNIDO pub> on <forestry> and <wood processing> industry
in <Chile> - covers: recent increase of <exports>;
planting of suitable <tree species>; development of <wood
products> industries: sawmilling products, <pulp>, logs;
relative importance of <costs> of <raw material>,
<transport>, <energy>; <development potential> in the
<pulp and paper industry>. Recommendations.

SPAN
32.10

11965

1982

Casas Jimenez, Hector I.

UNIDO

REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982

INFORME SOBRE LA INDUSTRIA DE LA MADERA Y LOS PRODUCTOS DE
MADERA DE COLOMBIA.

Vienna, 1982. 10 p. tables.

UNIDO-ID/WG.380/8

<UNIDO pub> on <wood> and <wood products> industry in
<Colombia> - covers: <tree species> and <forestry>
resources; <wood processing> industries and their
<production capacity>; <furniture> production; <export>
and <import> of wood and wood products, <financial
aspects>. Recommendations, <statistics>.

SPAN

32.10

11966

1982

Gonzalez Muzquiz, Maric

UNIDO

REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982

LA INDUSTRIA DE LA MADERA Y PRODUCTOS DE MADERA EN MEXICO Y
FUTURO DESARROLLO DEL SECTOR.

Vienna, 1982. 10 p.

UNIDO-ID/WG.380/10

<UNIDO pub> on <wood> and <wood products> industry in
<Mexico> - covers (1) <forestry> resources; <wood
processing> industries; sawmills products, <particle
board>, <fibreboard>, <plywood>, <veneer>, logs: <export>s
and <import>s (2) <development potential>, constraints.
Recommendations.

SPAN

32.10

11967 1982
Minaya Arteaga, Cesar
UNIDO
REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982
LA INDUSTRIA DE LA MADERA Y LOS PRODUCTOS DE MADERA DE PERU.
Vienna, 1982. 16 p. tables.
UNIDO-ID/WG.380/11
<UNIDO pub> on <wood> and <wood products> industry in
<Peru> - covers (1) <tree species> and <forestry>
resources, <production capacity> of <wood processing>
industries; sawmilling products, <plywood>, <veneer>,
<particle board>, <fibreboard>, railroad ties; <packaging>
cases, <prefabricated building> (2) required <wood
technology>, <technical personnel>, <quality control>;
need for large scale <investment>. <Statistics>.
SPAN
32.10

11968 1982
Centeno, Julio Cesar
UNIDO
REGIONAL MEETING FOR LATIN AMERICA IN PREPARATION OF THE
FIRST CONSULTATION ON THE WOOD AND WOOD PRODUCTS INDUSTRY,
SAO PAULO, 1982
CONSIDERACIONES SOBRE EL DESARROLLO DEL SECTOR INDUSTRIAL
FORESTAL EN LA AMERICA LATINA.
Vienna, 1982. 4 p.
UNIDO-ID/WG.380/12
<UNIDO pub> on development of <forestry> and <wood
processing> industry in <Latin America> - covers: basic
factors affecting development: <planning>, <market>s,
<infrastructure>, <training>, <manpower>, financial
<incentives>, <location of industry>, <maintenance and
repair>, <quality control>, rational utilization of <raw
material>, <standardization>, <transport>, <wood
technology>, <regional cooperation>. Proposals.
SPAN
32.10

11969 1982
Ibrahim, Hassan
UNIDO
(R) SUDAN. CELLULOSE CHEMISTRY AND TECHNOLOGY RESEARCH UNIT.
INTERIM REPORT.

ST/SUD/82/001
Vienna, 1982. 48 p. tables, diagrams.

:::::

<UNIDO pub>. <Expert report> on assistance to a
<cellulose> <research centre> in <Sudan> (reference:
<natural fibres>) - (1) utilization of <agricultural
wastes> and <wood> for production of <pulp> and <paper>,
<fibreboard>, <fuel>, <feed>, <chemicals>, <fertilizer>s,
<biogas>; evaluation of indigenous <raw material> (2)
<equipment> requirements, organization of <laboratory>s;
<training> of <staff>; <fellowships>, study tours; <pilot
plant> for paper and <particle board>; <seminar>.
<Recommendations>, tables, <diagram>s, <flow chart>s.
Additional references: <pyrolysis>, <bamboo>, <straw>.
<Restricted>.

ENGL
32.10

11970 1981
Uribe Zorita, Jose Maria
UNIDO
(R) GUATEMALA. PROYECTO "DESARROLLO Y PROMOCION INDUSTRIAL,
FASE II /". INFORME FINAL.
DP/GUA/79/002
Vienna, 1981. 83 p. table.

:::::

<UNIDO pub>. <Final report> regarding assistance to
<industrial promotion> in <Guatemala> - covers (1) <long
term> <industrial planning>, establishment of an
industrial <information system>; classification of
<handicraft> <workshop>s; <small scale industry>, <medium
scale industry> and <industrial development> (2)
<investment promotion>, <project implementation>;
constraints. <Recommendations>. <Restricted>.

SPAN
14.70

11971 1982
Kruger, Erwin J.
Pflucker, Wilfredo
UNIDO

(R) HONDURAS. ASISTENCIA A LA CORPORACION NACIONAL DE
INVERSIONES (CONADI). POLITICA FINANCIERA. INFORME FINAL.

DP/HON/82/018

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

:::::

<UNIDO pub>. <Final report> regarding assistance to
industrial <development bank> (CONADI) in <Honduras> -
covers (1) necessary steps to solve financial problems of
organization: <capital formation>, issue of bonds,
reduction of debt, <credit policy> (2) determination of
<investment policy>, <investment promotion> functions,
issue of <loan>s of <capital> for industrial production.
<Recommendations>, <statistics>, <job description>.
Additional reference: <financing>. <Restricted>.

SPAN

29.30

11972 1982
Baumgartner, Hans
UNIDO

(R) TURKEY. INTERIM REPORT. PAPER AND BOARD COATING. SEKA.

DP/TUR/75/053

Vienna, 1982. 11 p. tables.

:::::

<UNIDO pub>. <Expert report> on assistance to <coating
process> for <paper> and <cardboard> in a factory in
<Turkey> - covers (1) <raw material>s for <coatings> and
for colours, coating trials and <testing> results (2)
<laboratory> work; <marketing> promotion, <training
programmes> for <staff> of <factory>; <maintenance and
repair> of <measuring instruments>. <Recommendations>.
Tables. <Restricted>.

ENGL

32.10

11973 1982
Albertani, G.B.
UNIDO
TECHNICAL COURSE ON CRITERIA FOR THE SELECTION OF WOODWORKING
MACHINES, MILAN, 1982
EQUIPMENT FOR GLUED LAMINATED WOOD.
- EQUIPEMENTS POUR LA PRODUCTION DE BOIS LAMELLE-COLLE.
Vienna, 1982. 4 p.
UNIDO-ID/WG.369/7
<UNIDO pub> on equipment for production of glued laminated
wood (reference: <wood technology>, <lamination>) - covers
(1) revival of use of <wood> as <building materials> by
<construction industry> in <Italy> and other countries (2)
use of <timber> for large-scale and sophisticated
structures (3) various stages in the production of
laminates (4) required <machinery> and <equipment>.
Additional reference: <adhesives>.
ENGL FREN
32.10

11974 1982
Ebel, Karl H.
UNIDO
SESSION OF THE LEATHER AND LEATHER PRODUCTS INDUSTRY PANEL,
6TH, VIENNA, 1982
OCCUPATIONAL SAFETY AND HEALTH IN THE LEATHER AND LEATHER
PRODUCTS INDUSTRY. INTRODUCTORY NOTE.
Vienna, 1982. 2 p.
UNIDO-ID/WG.386/2
<UNIDO pub> regarding improvement of <industrial safety>
and <health> in the <leather industry> - covers (1)
relevant <meeting>s and recommendations of the <ILO>;
prospective <role of UNIDO> (2) instruments adopted by the
International Labour Conference in 1980. Additional
reference: <working conditions>.
ENGL
32.40

11975 1982
Cekiera, J.J.
UNIDO
(R) VIETNAM. INSTITUTE FOR STANDARDIZATION AND QUALITY
 CONTROL. TERMINAL REPORT.
DP/VIE/76/013
Vienna, 1982. 57 p. tables, diagram.
:::::
 <UNIDO pub>. <Final report> regarding assistance to a
 <quality control> and <standards institute> in <Vietnam> -
 covers: establishment of <metrology> and <testing>
 facilities, construction of <laboratory>s, installation of
 <equipment> and <instruments>, study and development of
 standard <specifications>; <in-plant training> and
 <fellowships>; <seminar>s, <industrial services>,
 <maintenance and repair>, <documentation>; <industry and
 higher education>. <Recommendations>, tables, <diagram>.
 Additional references: <food>, <chemicals>, <machinery>,
 <electrical equipment>, <electronics>, <aggregates>,
 <cement>, <ceramics>, <textiles>, <rubber>, <engineering>.
 <Restricted>.

ENGL
25.50

11976 1982
Prins, Jacques W.
UNIDO
(R) SYRIA. ASSISTANCE TO THE SHIPBUILDING AND SHIPREPAIR
 INDUSTRY. FINAL REPORT.
SI/SYR/82/802
Vienna, 1982. 33 p. tables.
UNIDO-DP/ID/SER.B/363
 <UNIDO pub>. <Final report> regarding assistance to
 <shipbuilding> and ship repair industry in <Syria> -
 covers (1) <port>s and <maintenance and repair>
 facilities; <spare parts>, essential <equipment>; need for
 modern drydocks to serve <fishing vessels>, pleasure boats
 and <sea transport> <ships> (2) <training> requirements;
 <technical assistance> and <financial aid> estimates,
 proposals for shipyards sites, <technical personnel>
 needs, <counterpart personnel>. <Recommendations>, <job
 description>, <statistics>. <Restricted>.

ENGL
37.40

11977 1982
Montagne, Pierre
UNIDO
(R) REALISATION D'UNE BOUTEILLERIE-VERRERIE AU BURUNDI.
VISITES DES PRINCIPAUX FOURNISSEURS.
SI/BDI/82/801
Vienna, 1982. 14 p.
:::::
<UNIDO pub>. <Expert report> regarding assistance in setting up <glass> <bottles> manufacture in <Burundi> - covers (1) visits to suppliers of <machinery> and <equipment> in <Switzerland>, <Sweden>, <UK> and <Germany FR>, who will also provide the required <knowhow>; personnel <recruitment> policies, <training programmes> (2) <chemical analysis> of <sand>; procurement of equipment; <moulds>, <packaging>; arrangements for <technology transfer>; <role of UNIDO>. <Recommendations>. <Restricted>.
FREN
33.40

11978 1982
UNIDO
(R) ZAIRE. RAPPORT FINAL. PROJET. ASSISTANCE AU DEPARTEMENT DU PORTEFEUILLE.
DP/ZAI/75/011
Vienna, 1982. 16 p.
:::::
<UNIDO pub>. <Final report> regarding <management development> and improvement of <accounting> in <Zaire>, with special reference to <public enterprise>s - covers (1) plan of action to assist <public administration> in its function of <budgeting>, <classification> of <enterprise>s, analysis of <budget>s, <financial control> and <management> (2) <training> of <counterpart personnel>, structure and management of <industrial administration>. <Recommendations>. <Restricted>.
FREN
29.40

11979 1982
Svabensky, Oldrich
UNIDO
(R) ZAIRE. ASSISTANCE A L'INSTITUT DE RECHERCHE SCIENTIFIQUE
(IRS) CENTRE DE LUBUMBASHI. RAPPORT FINAL.

DP/ZAI/71/539
Vienna, 1982. 40 p.

::::

<UNIDO pub>. <Final report> regarding assistance to a
<research centre> in <Zaire>, with special reference to
<food technology> - covers (1) review of UNIDO's
assistance for acquisition of <equipment>, books,
<laboratory> <instruments> for <pilot plant> as well as
for <staff> <training programmes> (2) technology for the
improvement of local diet and better utilization of <raw
material>s; <quality control> (3) <feasibility study>s on
<agri-product processing> and <marketing> possibilities
for industries concerned with <sugar>, <beer>, <beverage
industry>, <flour>, <meat>, <fish>, <milk>, <fruit> and
<vegetables>, <bread>, <feed>. <Recommendations>.
<Restricted>.

FREN

31.40

11980 1982
Bonnkirch, Raymond J.J.
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
MINING METHODS AND ADVANTAGES BY USING HYDRAULIC EXCAVATORS.
Vienna, 1982. 22 p. illus.

UNIDO-ID/WG.379/16

<UNIDO pub> on open-cast <mining> methods and appropriate
excavating <machinery> - covers (1) <loading> situations;
required <tools> and <conveying machinery> (2) cable
shovels and wheel loaders (3) the hydraulic excavator:
digging force, capacity (4) the hydraulic shovel (5)
specific applications; advantages and disadvantages of
various <equipment>. Illustrations.

ENGL

21.20

11981 1982
Muller, Thomas
UNIDO
(R) BRAZIL. REPORT ON THE CARBON FIBRE PROJECT IN SAO JOSE
DOS CAMPOS.
ST/BRA/81/001
Vienna, 1982. 6 p.
:::::
<UNIDO pub>. <Expert report> on assistance to a <carbon fibres> project in <Brazil> - covers (1) <research> activities involving: differential thermal analysis of initial and oxidized polyacrylonitrile (PAN) fibres; infrared spectroscopy; measurement of fibre density; stabilization and <carbonization> <experiment>s.
<Recommendations>. Additional references: <heat treatment>, <nitric acid>, <plastics>. <Restricted>.
ENGL
35.30

11982 1982
Soede, Frans J.
UNIDO
(R) REPORT OF DISCUSSIONS WITH THE UNITED NATIONS INSTITUTE
FOR NAMIBIA (UNIN).
Vienna, 1982. 4 p.
:::::
<UNIDO pub>. <Mission report> on discussions regarding <technical assistance> for <Namibia> - covers (1) project for pre-independence assistance and related visit to the UNIN (2) main functions of UNIN: <management development>; <training programmes>; <research programmes> relevant to <industrial development>; <information centre> (3) <project implementation>; the <role of UNIDO>.
<Restricted>.
ENGL
15.30

11983
Sellwood, D.W.
UNIDO

1982

(R) ETHIOPIA. LEATHER AND LEATHER PRODUCTS DEVELOPMENT.
DP/ETH/78/001
Vienna, 1982. 12 p.
UNIDO-DP/ID/SER.B/358

<UNIDO pub>. <Final report> on assistance in improving quality of <hides and skins> available to <leather industry> in <Ethiopia> - covers (1) field trips to all regions; <training assistance>; preparation of a <handbook>; project proposal; <slaughter> standards; <livestock> breeding (2) activities undertaken at the request of the National Leather and Shoe Corporation (3) improvement in hides and skins collection, <purchasing>, technology and <industrial services> for <tanning>. <Recommendations>. Additional reference: <quality standards>. <Restricted>.

ENGL
32.40

JULY 4
Globe No. G.
UNIDO

1982

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

GLUED LAMINATED WOOD.

- LES BOIS LAMELLES-COLLES.
Vienna, 1982. 6 p. diagrams

UNIDO-ID/WG.369/6

<UNIDO pub> on

<UNIDO pub> on glued laminated wood (reference: <wood technology>, <lamination>) - covers (1) historical background (2) general information (3) manufacturing <specifications>; choice of <timber>; lamina conditioning and preparation; planing and gaging, glueing, finishing. Additional references: <adhesives>, "glulam".

ENGL FREN
32.10

11985 1982
Srinivasan, V.R.
UNIDO
(R) INDIA. BIOSCIENCE AND ENGINEERING. TECHNICAL REPORT.
DP/IND/80/003
Vienna, 1982. 15 p. tables.
UNIDO-DP/ID/SER.A/399

<UNIDO pub>. <Expert report> on a project for use of
<biomass> cellulose for production of <protein> <glucose>
and <ethanol> in <India> - covers present status of
project with reference to (1) studies on microbial biomass
production (2) <enzymes> <hydrolysis> of <cellulose> (3)
conversion of glucose to ethanol by immobilized <yeast>
cells (4) controlled release <technology> (5) <training>
of scientists (6) <equipment>. <Recommendations>.
Additional references: <research and development>,
<biochemistry>, <biotechnology>. <Restricted>.

ENGL
35.50

11986 1982
Diamond, Walter H.
UNIDO
EGYPT. TECHNICAL REPORT: EVALUATION AND PROMOTION OF
INDUSTRIAL FREE-ZONE PROJECTS AT NASR CITY, ISMAILIA,
ALEXANDRIA, SUEZ, ADABIA AND PORT SAID.
DP/EGY/78/007
Vienna, 1982. 31 p.
UNIDO-DP/ID/SER.A/403

<UNIDO pub>. <Expert report> evaluating industrial <free
zone> projects in <Egypt> - covers (1) location and
<competitiveness> (2) economic impact of Nasr City and
Port Said Zones (3) distinguishing features of Port Said
(4) comparative attractiveness of Egyptian zones (5)
advantages of zones in Alexandria, Suez and Nasr City (6)
impact of the Adabia Zone on other Suez Canal zones (7)
<marketing> and <public relations>. Additional references:
<customs policy>, <warehouse>s, <tariffs>, <manpower>,
<infrastructure>, <management development>.
<Recommendations>, <job description>.

ENGL
21.80

11987 1982
Basman, Mehmet A.
UNIDO
HAUTE-VOLTA. RAPPORT TECHNIQUE: EVALUATION ET ANALYSE
D'OFFRES POUR L'USINE DE BROYAGE DE CLINKER DE OUAGADOUGOU.
DI/UPV/79/802
Vienna, 1982. 33 p.
UNIDO-DP/ID/SER.A/393
<UNIDO pub>. <Expert report> evaluating offers for construction of a clinker <grinding> plant for <cement industry> in <Upper Volta> - covers (1) description of <contract> being negotiated with firm in <Denmark> providing for (a) delivery of <equipment> and <machinery> and materials (b) construction, <technical assistance>, <insurance>, <training abroad> and <in-plant training>, etc. (2) <capital costs>, <financing> (3) clinker supply, <transport>. <Recommendations>, <job description>. Additional references: <technology transfer>, <spare parts>, <infrastructure>, <power supply>.
FREN
33.20

11988 1982
Hobrecht, Eckhard Josef
Koetter, Erwin Jakob
Kurpiers, Peter Karl August
UNIDO
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
PRESENT STATE OF BASIC REFRACTORY LINING OF THE SINTERING ZONE.
Vienna, 1982. 15 p. graphs, illus.
UNIDO-ID/WG.379/14
<UNIDO pub> on <refractory materials> used for lining the sintering (burning) zone in modern rotary <kiln>s of <cement industry> - covers (1) present experience with basic <bricks> lining; technological evolution (2) factors affecting basic bricks in the <sinter>ing zone: (a) mechanical stresses (b) thermal attack and stresses (c) chemical attack (3) <magnesite> bricks with <calcium> <silicate> bond (4) magnesite bricks with direct bond (5) <dolomite> bricks (6) conclusions. Process <statistics>, illustrations.
ENGL
33.30

11989
Haschke, Wolfgang
Lowag, Hans Georg
UNIDO

1982
INTERREGIONAL CEMENT TECHNOLOGY FORUM, BENGHAZI, LIBYA, 1982
CEMENT TERMINALS AND NEW DEVELOPMENTS IN THE PACKING PLANT
BRANCH.

Vienna, 1982. 2 p.
UNIDO-ID/WG.379/15

<UNIDO pub> on <cement> <transport> terminals and new developments in cement <packaging> - covers (1) problems in location, design and construction of terminals required; movable and stationary terminals; <silos>, <storage> hoppers, <conveying machinery> (2) filling of <bags and sacks>; <loading> (3) new <machinery> used in packing plants (to be installed in terminals or cement works): automatic bag applicators; roto-packer 4000; belt control weighers for automatic weight correction.

ENGL
33.20

11990
Behl, L.K.
Correa, C.
UNIDO

MEETING OF THE AD-HOC PANEL OF EXPERTS ON CONTRACTUAL ARRANGEMENTS IN THE PHARMACEUTICAL INDUSTRY, VIENNA, 1982
CONTRACTUAL ARRANGEMENTS FOR THE SETTING UP OF A PLANT FOR THE PRODUCTION OF BULK DRUGS OR INTERMEDIATES.

Vienna, 1982. 40 p.
UNIDO-ID/WG.385/3

<UNIDO pub> outlining <licensing> <contract> arrangements for <factory establishment> for production of bulk <pharmaceuticals> or <intermediates> - covers (1) purpose and scope of document primarily addressed to parties negotiating this type of agreement, particularly for <enterprise>s in <developing countries> (2) gives <definition>s and specimen clauses on the various issues to be dealt with in relevant <engineering> contracts.

ENGL
35.60

11991 1982
Callejas Santos, Victor Manuel
Mizuishi, Iwao
UNIDO
(R) AHUMADO DE PESCADO EN EL SALVADOR.
DP/ELS/78/001
Vienna, 1982. 122 p. tables, diagrams, illus.
:::::
<UNIDO pub>. <Final report> regarding potential establishment of a <fish> <smoking> plant in <El Salvador>- covers (1) various methods of fish smoking, including <freeze drying>, heat <drying>, techniques of <fishery product processing>, use of <salt> (2) description of <equipment> needed for setting up a <cooperative> plant on a semi-industrial scale; <choice of technology>, <steam>, <heating>, <fuel> <wood> (3) required <investment>; <domestic market>; <export>s (possibly to <Japan>); <pricing>. <Recommendations>, <statistics>, <diagram>s, illustrations. <Restricted>.
SPAN
30.40

11992 1982
Fulop, S.
UNIDO
(R) IRAQ. MARKETING AT STATE COMPANY OF ALUMINIUM PRODUCTS IN NASSIRIYAH. TERMINAL REPORT.
TF/IRQ/77/002
Vienna, 1982. 57 p. tables.
:::::
<UNIDO pub>. <Final report> on assistance in <marketing> of <aluminium> <metal products> in <Iraq> - covers (1) description and evaluation of present production, <technology> employed, <marketing> potential and <prices> with special reference to <semimanufactured products> (2) <choice of technology> for new <product mix>, including proposed <finished products>; organization of marketing and <sales promotion> activities; estimate of domestic <demand> and <export> potential (3) <regional cooperation> and possible <joint venture>. <Recommendations>, <statistics>, <bibliography>. Additional references: <bauxite>, <alumina>. <Restricted>.
ENGL
36.20

11993 1982
UNIDO
POLYTECHNA, PRAGUE
(R) VIETNAM. FINAL REPORT: REPAIR AND MAINTENANCE CENTRE AND
SPARE PARTS PRODUCTION FOR SUGAR AND RICE MILLS.
DP/VIE/80/C37
Vienna, 1982. 1 vol. (various pagings). tables, diagrams.
:::::
<UNIDO pub>. <Final report> regarding establishment of a
<maintenance and repair> centre and <spare parts>
production for <sugar industry> and <rice> mills in
<Vietnam> - covers (1) production and <consumption> of
rice, use of <rice bran> and <rice husks>; technology for
production of <rubber> rollers for paddy husking (2)
<sugar cane> production and technology (3) inputs to
central <factory>s for maintenance and repair of
<machinery> and production of new <equipment> and spare
parts; <expert>s needed, <fellowships>; <manpower>
requirements, <utilities>, <power supply>.
<Recommendations>, <diagram>s, tables. <Restricted>.

ENGL
31.30

11994 1982
UNIDO
EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
MICROELECTRONICS AND DEVELOPING COUNTRIES. TOWARDS AN ACTION-
ORIENTED APPROACH.
Vienna, 1982. 14 p.
UNIDO-ID/WG.384/5/REV.1
<UNIDO pub> on development of micro<electronics> in
<developing countries> - covers (1) impact of
microelectronics on <employment>, <capital>, foreign
<trade> and society (2) components of a microelectronics
policy framework in DCs: monitoring and awareness;
endogenous capacities and applications; implementation
review; efforts to develop applications; building up of
<knowhow> and technological capabilities; <choice of
technology>; <technology transfer>; <education> and
<training> (3) <international cooperation>; <role of
UNIDO>, <ECLA>, etc. Additional references: <technological
change>, <social policy>.

ENGL
38.10

11995 1982
Epremian, Edward
UNIDO
EXPERT MEETING PREPARATORY TO INTERNATIONAL FORUM ON
TECHNOLOGICAL ADVANCES AND DEVELOPMENT, MOSCOW, 1982
SOME SIGNIFICANT ADVANCES IN MATERIALS TECHNOLOGY.
Vienna, 1982. 17 p. graphs.

UNIDO-ID/WG.384/10
<UNIDO pub> on <advanced technology> with special
reference to <new materials> - covers (1) high strength
low <alloys> <steel>s; structural composites reinforced
i.a. by <carbon fibres> products (2) <innovation>s;
production, typical uses and implications of these new
materials for <choice of technology> in <developing
countries>. <Statistics>. Additional references: <plastics
industry>, <fibreglass>.

ENGL
24.30

11996 1981
Marei, A.R.
UNIDO
(R) LIBYA. MISSION REPORT: FEASIBILITY OF PRODUCING SULPHATE-
RESISTING CEMENT.

TF/LIB/75/002
Vienna, 1981. 92 p. tables, diagrams, maps.
UNIDO-UNIDO/IO/R.17

<UNID^ pub>. <Expert report> on the feasibility of
producing <sulphate>-resisting <cement> (SRC) in <Libya> -
covers (1) historical background; <chemical analysis> of
SRC (2) availability of <raw material>s: <limestone> and
marl; Ajdabiyah <sand>; siliceous and ferri-ferrous
materials (3) <standards> <specifications> for SRC (4)
<portland cement>; ASTM, <UK> (4) raw mix designs (5)
<economic aspects>, <production costs>, cost of <import>ed
SRC (6) <choice of technology> and most suitable
production line. <Recommendations>. <Restricted>.

ENGL
33.20

11997

1982

Gallagher, Denis M.

Molina, Hugo

UNIDO

WORLD BANK/UNIDO CO-OPERATIVE PROGRAMME

(R) ZAMBIA. REPORT AND RECOMMENDATIONS ON EXPORT PROMOTION.

Vienna, 1982. 85 p. tables, diagrams, maps.

UNIDO-UNIDO/IO/R.28

<UNIDO pub>. <Expert report> regarding <export promotion> in <Zambia> - covers (1) the Zambian <national economy>; manufactured <exports>s; current government <incentives> to exporters (2) major constraints: export <enterprise>s; <costs>; exchange rate policy; <import> and export licensing; <foreign exchange> allocation; <transport>; weaknesses in the incentive structure. <Recommendations>, <maps>, <statistics>, <bibliography>. Additional references: <credit>, <trade fair>s, <import restrictions>, <economic policy>. <Restricted>.

ENGL

16.20

11998

1982

Verstraete, P.

UNIDO

(R) EXPERTISE SUR LA PLANIFICATION, LA MISE EN VALEUR ET L'UTILISATION DES SOURCES D'ENERGIE NOUVELLES ET RENOUVELABLES EN REPUBLIQUE CENTRAFRICAINE.

SI/CAF/81/801

Vienna, 1982. 110 p. tables, graphs, diagrams, maps.

::::

<UNIDO pub>. <Final report> regarding development and use of <renewable energy> in the <Central African Republic> - covers (1) present state of the <energy> sector; <energy economics> (2) potential non-renewable <energy source>s (3) <solar energy>, <wind energy>, <biomass>, <hydroelectric power>, <wood> (4) <institutional framework>; requirements of related <development policy> (5) indicated programming, <technology> aspects, priorities (6) proposals for various <development project>s (including summary <project document>s). <Bibliography>, <statistics>, <maps>. Additional references: <wood>, <agricultural wastes>, <pumps>, <biogas>, <fermentation>. <Restricted>.

FREN

34.10

11999 1982
UNIDO
GUIDE TO TRAINING OPPORTUNITIES FOR INDUSTRIAL DEVELOPMENT,
1983.

- APERCU DES MOYENS DE FORMATION POUR LE DEVELOPPEMENT
INDUSTRIEL, 1983.
- REPERTORIO DE OPORTUNIDADES DE CAPACITACION PARA EL
DESARROLLO INDUSTRIAL, 1983.

Vienna, 1982. iv, 169 p.
UNIDO-PI/86

<UNIDO pub>. <Directory> of <training programmes> in
promotion of <industrial development> - covers (1) group
<training> opportunities offered by <UNIDO> (2) branch-
oriented and function-oriented training opportunities
offered by other institutions (3) other training
opportunities and short courses (4) index to fields of
training by host countries. Background reference:
<training assistance>.

ENGL FREN SPAN
12.40

12000 1982
Deodas, T.A.
UNIDO
JOINT UNDP/UNIDO/ESCAP/CHINA SENIOR EXPERT GROUP MEETING ON
THE CREATION OF A REGIONAL NETWORK SYSTEM AND THE
ASSESSMENT OF PRIORITY NEEDS ON RESEARCH, DEVELOPMENT AND
TRAINING IN THE FIELD OF SMALL/MINI HYDRO POWER GENERATION,
HANGZHOU, CHINA, 1982
REGIONAL NETWORK SYSTEM ON MHG-SHG TO PROMOTE MHG AND
APPLICATION IN DEVELOPING COUNTRIES.

Vienna, 1982. 8 p.
UNIDO-ID/WG.376/7

<UNIDO pub> on requirements and functions for a regional
network system promoting small-scale <hydroelectric power>
generation (MHG) in <developing countries> (reference:
<regional cooperation>) - covers (1) lead agency in each
country; identification of country-specific conditions;
preparation of guidelines; <standardization>; specific
<consulting>; local industries; updating of <technology>
(2) actual needs at <national level> for (a) <research and
development> (b) <training> in the field of MHG (3)
establishment of a <regional> <research centre> in
Hangzhou, <China>; <management>; <training programmes>;
R&D. Additional reference: <ESCAP>.

ENGL
34.20

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