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Regional Seminar on Machine Tools
in Developing Countries of
Europe, Middle East and North Africa

Slatni Pjassazi (Golden Sands) near
Varna, Bulgaria, 18 to 27 October 1971

PRELIMINARY INFORMATION SHEET ✓

PROJECT DESCRIPTION

1. Introduction

The machine tool industry plays a key role in the expansion of world industrial production, since nearly all the products are manufactured by metalworking machines.

The industrial development of a country depends to a considerable degree on the number, age, quality and type of machine tools which it possesses. The stock of machine tools and other related equipment in the developing countries should be sufficient for their industrial development. The success of development of the engineering industry in developing countries depends, not only on the stock of machine tools and other industrial equipment, but on the way in which these are used in the country. Some developing countries have sufficient stocks of equipment which are not being fully and properly utilized. This means additional expenditure for buying, servicing and maintenance and repair of machine tools and related industrial machinery.

2. Purpose of the Seminar

The seminar is expected to:

- (a) Discuss the problems of the selection and utilization of machine tools in developing countries
- (b) Discuss various means of co-operation between developed and developing countries, on selection, development, marketing, and utilisation of machine tools
- (c) Make a plant tour to a selected number of machine tool manufacturing and industrial enterprises to observe the production and utilization of machines in workshop conditions with a view to studying the experience gained in the creation and development of the machine tool industry in Bulgaria.

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7 January 1971
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Regional Seminar on Promotion of
Machine Tool Industry in Developing
Countries of Europe and the Middle East
Varna, Bulgaria, 21 - 30 June 1971

PRELIMINARY INFORMATION SHEET ✓

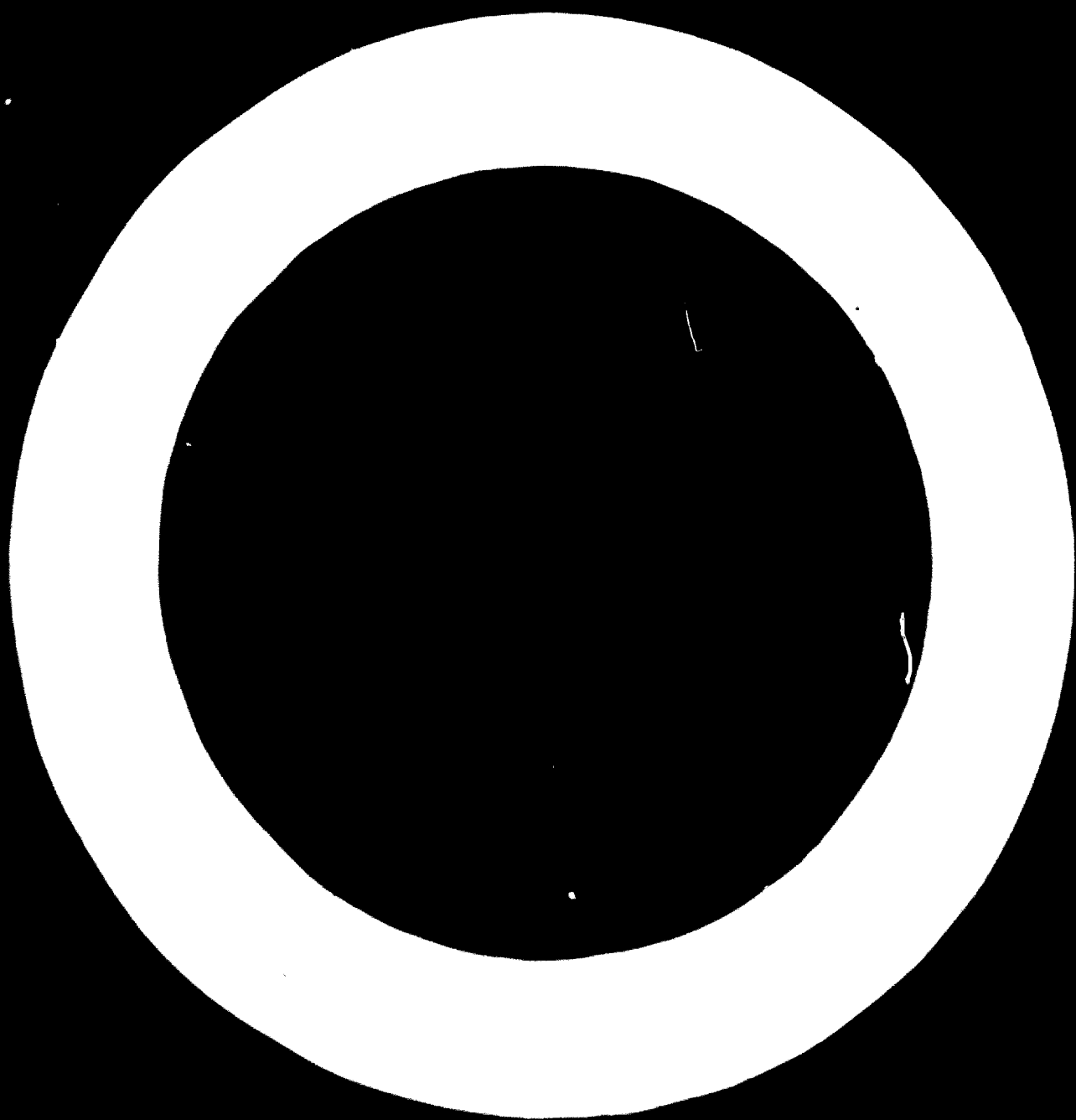
Mission

Page 3 Annex I

5. Technical assistance required from UNIDO.
- selection and acceptance tests of machine tools;
 - utilization;
 - re-building, maintenance and repair;
 - design;
 - production.

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3. Participation and nature of the seminar

The seminar is organized by UNIDO in co-operation with the Government of Bulgaria on a regional basis. Representatives of selected organizations and enterprises in developing and industrialized countries are expected to attend the seminar. A considerable part of the programme is being devoted to plant visits to give the participants the opportunity to study production and utilization of machine tools under workshop conditions.

Prior to the seminar, it is planned to send two UNIDO consultants to several countries of the regions to carry out preliminary studies of the existing status and the demand of machine tools. The consultants will seek close co-operation with Government authorities and the industry.

The representatives of the developing countries will be directly concerned with the subject and involved in the industrial and technological aspects of the utilization, maintenance and repair, production and design of machine tools, and are expected to prepare an outline on the actual state and plans for the development of machine tools in their countries.

It is also planned to have papers prepared on such aspects as the role of machine tools to be produced and imported by the developing countries, proper utilization of machine tools, the introduction of numerically controlled machine tools and the external technical assistance required in the development of machine tool industries in these countries. All papers prepared for the seminar will be distributed among participants before the meeting.

The report of the seminar will be based on the agenda and the results of the deliberations of the working sessions.

The following countries will be invited to participate in the seminar: Algeria, Austria, Belgium, Bulgaria, Czechoslovakia, Federal Republic of Germany, France, Greece, Hungary, Iran, Iraq, Israel, Italy, Jordan, Kuwait, Lebanon, Libya, People's Democratic Republic of Yemen, Poland, Romania, Saudi Arabia, Spain, Syria, Tunisia, Turkey, United Kingdom, United States of America, Union of Soviet Socialist Republics, United Arab Republic, Yemen Arab Republic and Yugoslavia.

4. Proposed date and location

The seminar is to be held in Slatni Pjassazi (Golden Sands) near Varna, Bulgaria from 18 to 27 October 1971, a period of ten days. The participants will visit machine tool building plants and industrial enterprises in Silistra, Ruse, Gabrovo, Plovdiv and Sofia.

5. Working Language

English. If required, interpretation into other languages will be arranged.

6. Sponsor

The seminar will be sponsored by UNIDO in co-operation with the Government of Bulgaria, namely the Bulgarian Ministry of Machine Building.

7. Agenda Items

1. Analysis of machine tool industries:

- background of the development of the machine tool building industry in Bulgaria
- expected demand for machine tools in developing countries in the Second Development Decade.

2. Selection and utilization of machine tools:

- definition and selection of machine tools
- utilization and under-utilization
- the possibility of introduction of numerically controlled machine tools in the developing countries
- maintenance and repair
- re-building of machine tools
- training of local personnel.

3. Economy of machine tool industry:

- governing policies and plans for the development of machine tools
- investment, and co-operation with foreign partners
- marketing
- sales
- credit incentives.

4. Pre-requisites for the creation of machine tool building industries:

- necessity of establishing machine tool building industries
- design capabilities
- ancillary industries - foundries, forgings, bearings, electrical equipment and components, tools, etc.
- skilled labour
- production facilities
- quality control and testing
- servicing.

5. Technical assistance required from UNIDO:

- selection and acceptance tests of machine tools
- utilization
- re-building, maintenance and repair
- design
- production.





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