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*for a sustainable future*

## OCCASION

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22 September 1971

United Nations Industrial Development Organization

ORIGINAL: ENGLISH

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

PROVISIONAL AGENDA AND WORK SCHEDULE<sup>1/</sup>

Monday, 18 October 1971

Registration 8.30 a.m.  
FIRST MEETING (Opening Session) 10 a.m. - 12.30 p.m.  
Welcome address  
Presentation of the meeting  
Inaugural address  
Election of chairman and vice chairman  
Election of rapporteur  
Chairman's address  
Approval of agenda  
Introduction of participants  
Appointment of drafting committee (5 members)

SECOND MEETING 4.00 - 7.00 p.m.

Machine Tools in Bulgaria

- (a) The history of the development of the machine tool industry in Bulgaria.
- (b) Problems of maintenance and repair of machine tools in Bulgaria.
- (c) Modernisation and re-building of machine tools in Bulgaria.

Discussion leader: Mr. M. Christov

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We regret that some of the pages in the microfiche copy of this report may not be up to the proper legibility standards, even though the best possible copy was used for preparing the master fiche.

Tuesday, 19 October 1971

THIRD MEETING

9.00 - 11.30 a.m.

Metalworking Industry and Role of Machine Tools

- (a) Stock of machine tools and its planning for metalworking and other industries.
- (b) Selection of machine tools by types through the evaluation of production lines.

Discussion leader: Mr. R. Gabriel

FOURTH MEETING

4.00 - 7.00 p.m.

Economy of machine tool industry

- (a) Governing policies and plans for the development of machine tools.
- (b) Investment and co-operation with foreign partners.
- (c) Marketing
- (d) Sales
- (e) Credit incentives

Discussion leaders: Mr. F. De Franceschi  
Mr. K. C. Berger

Following the working session a film on the selection and utilization of grinding wheels will be shown.

Wednesday, 20 October 1971

FIFTH MEETING

9.00 - 11.30 a.m.

Creation of machine tool building industry

Pre-requisites for the establishing of machine tool industry

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

Discussion leaders: Mr. G. I. Zusanoff  
Mr. R. Gabriel

SIXTH MEETING

4.00 - 7.00 p.m.

Production, utilization and maintenance of machine tools

- (a) Production
- (b) Utilization
- (c) Maintenance and repair
- (d) Re-building

Discussion leader: Mr. K. C. Berger

Following the working session a film on production and utilization of machine tools, will be shown.

Thursday 21 October 1971

SEVENTH MEETING

9.00 - 11.30 a.m.

advanced machine tools in developing countries

- (a) Numerically controlled machine tools in developed countries
- (b) The possibility of introducing N/C machine tools in the countries of the region

Discussion leader: Mr. L. Champetier

EIGHTH MEETING

4.00 p.m. - 7.00 p.m.

Technical assistance required from UNIDO

- (a) Selection and acceptance tests of machine tools
- (b) Utilization
- (c) Re-building, maintenance and repair
- (d) Design
- (e) Production.

Discussion leader: Mr. R. Gabriel

Following the working session a film will be shown, entitled, "Numerical Control of Machine Tools".

Friday, 22 October 1971

NINTH MEETING 9.00 a.m. - 11.30 a.m.

Conclusions and recommendations

- (a) Recommendation for the developing countries
- (b) Recommendations for the developed countries
- (c) Recommendations for UNIDO

TENTH MEETING (Closing Session) 4.00 p.m. - 7.00 p.m.

Approval of Report

- (a) Chairman's address
- (b) Remarks by participants
- (c) Vote of thanks.

Saturday, 23 October 1971

Visit to the resorts Albena and Baltchik

Sunday, 24 October 1971

Departure from Hotel International, Slatni Pjassazi  
(Golden Sands) to Kasanlak.

Monday, 25 October 1971

Visit to the plant "Hydravlika" manufacturing hydraulic  
elements, and to a plant manufacturing milling machines,  
both in Kasanlak.

Visit to the surface grinding machine manufacturing plant  
in Asenovgrad.

Departure to Plovdiv.

Tuesday, 26 October 1971

Visit to the ZDM plant in Plovdiv manufacturing wood-working  
machines, and to the drilling machine tool manufacturing plant  
in Pazardjik.


Departure to Sofia.

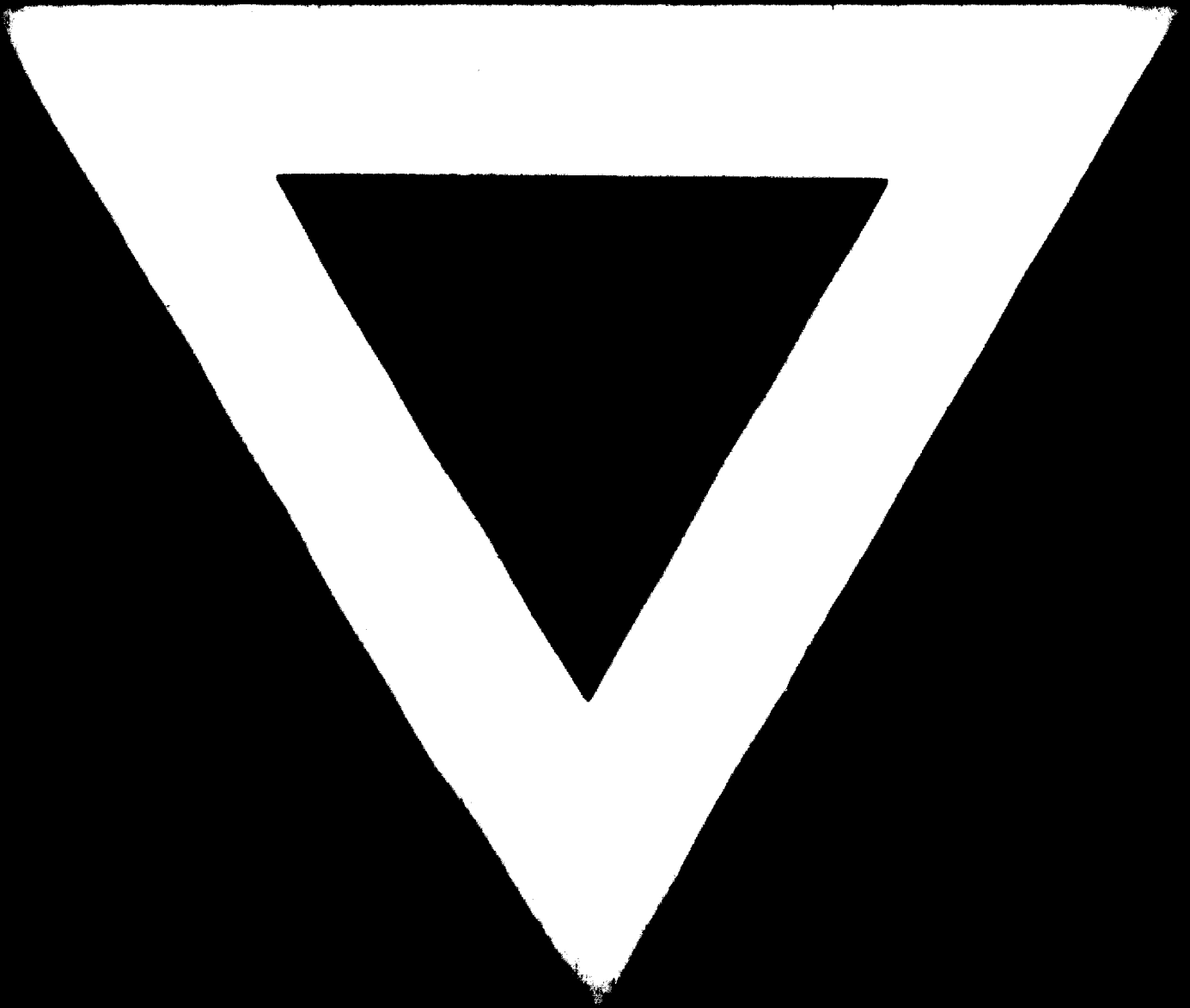
Wednesday, 27 October 1971

1. Visit to the machine tool manufacturing plant in Sofia.
2. Review of the plant visit

Thursday, 28 October 1971

Departure





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