



#### **OCCASION**

This publication has been made available to the public on the occasion of the 50<sup>th</sup> anniversary of the United Nations Industrial Development Organisation.



#### DISCLAIMER

This document has been produced without formal United Nations editing. The designations employed and the presentation of the material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Industrial Development Organization (UNIDO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, or its economic system or degree of development. Designations such as "developed", "industrialized" and "developing" are intended for statistical convenience and do not necessarily express a judgment about the stage reached by a particular country or area in the development process. Mention of firm names or commercial products does not constitute an endorsement by UNIDO.

### **FAIR USE POLICY**

Any part of this publication may be quoted and referenced for educational and research purposes without additional permission from UNIDO. However, those who make use of quoting and referencing this publication are requested to follow the Fair Use Policy of giving due credit to UNIDO.

#### **CONTACT**

Please contact <u>publications@unido.org</u> for further information concerning UNIDO publications.

For more information about UNIDO, please visit us at www.unido.org





# DO 1578

United Nations Industrial Development Organization

Distr. LINITED ID/WG.62/2 17 September 1970 ORIGINAL: ENGLISH

Symposium on Maintenance and Repair in Developing Countries

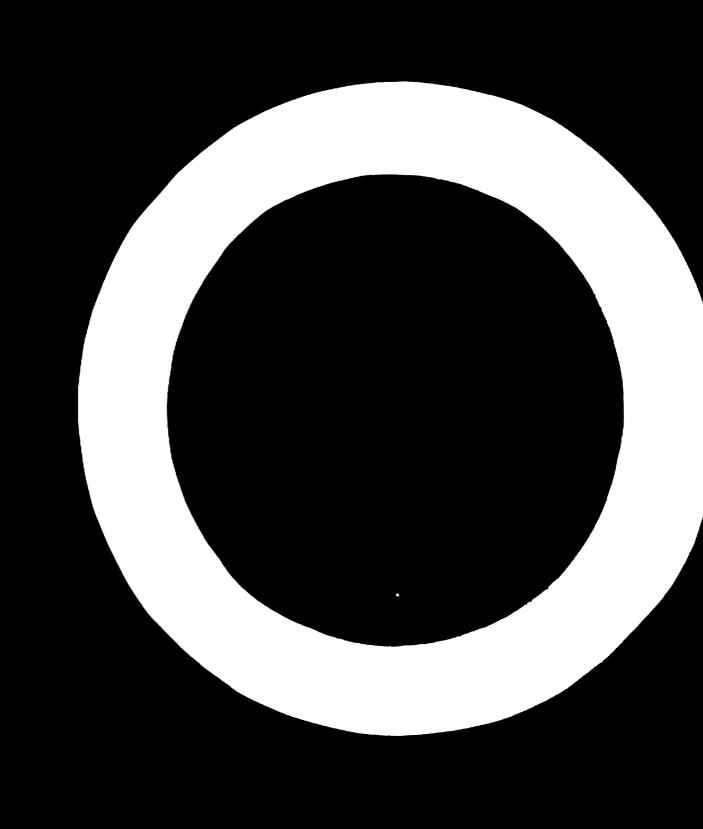
Duisburg, Federal Republic of Germany, 10-17 November 1970

PROGRAMME AND TIMETABLE

Organised in co-operation with the German Foundation for Developing Countries and the German Association of Machinery Manufacturers (VDMA).

This document has been reproduced without formal editing. id.70-5233

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.



## Monday, 9 November:

Arrival and registration of participants.

## Tuesday, 10 November:

10:00 - 12:00	Opening statements Election of Officers Adoption of Agenda
13:30 - 14:30	Introductory speech
15:00 - 17:00	Maintenance, problems, implications and requirements* Gensral debate on the subject of maintenance and repair

## Wadnesday, 11 November: Economic aspects of maintenance

9:00 - 9:45 9:45 - 10:30 10:30 - 11:00 11:00 - 11:45 11:45 - 12:30	Role of maintenance in industrial development* Renewal and repair* I n t e r v a 1 Maintenance and repair costs* Incentives in maintenance and repair*
14:30 - 17:00	Adoption of Drafting Committee's report on maintananos problems and requirements  General debate on economic aspects of maintenance

## Thursday, 12 November:

Visits to factories

# Friday, 13 November: Engineering aspects of maintenance

9:00 - 9:45	Consideration of maintenance and repair problems in
9:45 - 10:30	design and procurement of installations* Central maintanance and repair shops*
	Contral maintenance and renain shapes
10:30 - 11:00	Intsrval
11:00 - 11:45	
••	Use of dssign and metal working centres in maintenance and repair*
11:45 - 12:30	Repair and maintenance facilities for small industriss*
14:30 - 18:00	Adoption of Drafting Committee's report on economic aspects of maintenance
	General debate on engineering aspects of maintenance

## Saturday, 14 November: Managerial and organizational aspects of maintenance

9:00 - 9:45	Maintenance and repair organization*
9:45 - 10:30	Preventive maintenance, policy and organisation*
10:30 - 11:00	Interval
11:00 - 11:45	Upgrading of maintenance and repair personnel*
11:45 - 12:30	Spare parts procurement, storage and distribution*

# Sunday, 15 November: Managerial and organizational aspects of maintenance (continued)

10:00 - 13:00 Adoption of Drafting Committee's report on engineering aspects of maintenance

General debate on managerial and organizational aspecte of maintenance

# Monday, 16 November: National action and international co-operation in improving maintenance and repair facilities in developing countries

9:00 - 9:45	Contribution of governments of industrialised countries*
9:45 - 10:30	Contribution of industries, institutions and associations
	in industrialized countries*
10:30 - 11:00	Interval
11:00 - 11:45	UNIDO s campaign in improving maintenance and repair facilities in developing countries*
11:45 - 12:30	Role of developing countries in improving their maintenance and repair facilities
14:30 - 18:00	Adoption of the Drafting Committee's report on managerial and organizational aspects of maintenance General debate on national action and international

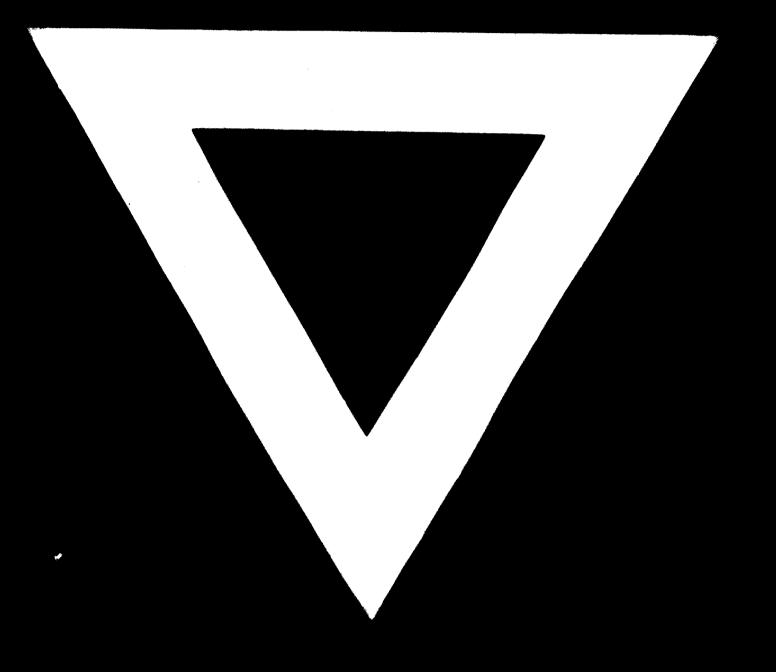
### Tuesday, 17 Movembers

9:30 - 10:30	Adoption of the Drafting Committee's report on national action and international co-operation
10:30 - 12:00	Policy and actions taken by certain developing countries in improving their maintenance and repair facilities
14:00 - 16:30	Adoption of the Final Report General debate

\* Every subject will be followed by a short discussion to allow participants to obtain more relevant information.

Closing speech

co-operation



74. 10.