



TOGETHER
for a sustainable future

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United Nations Industrial Development Organization

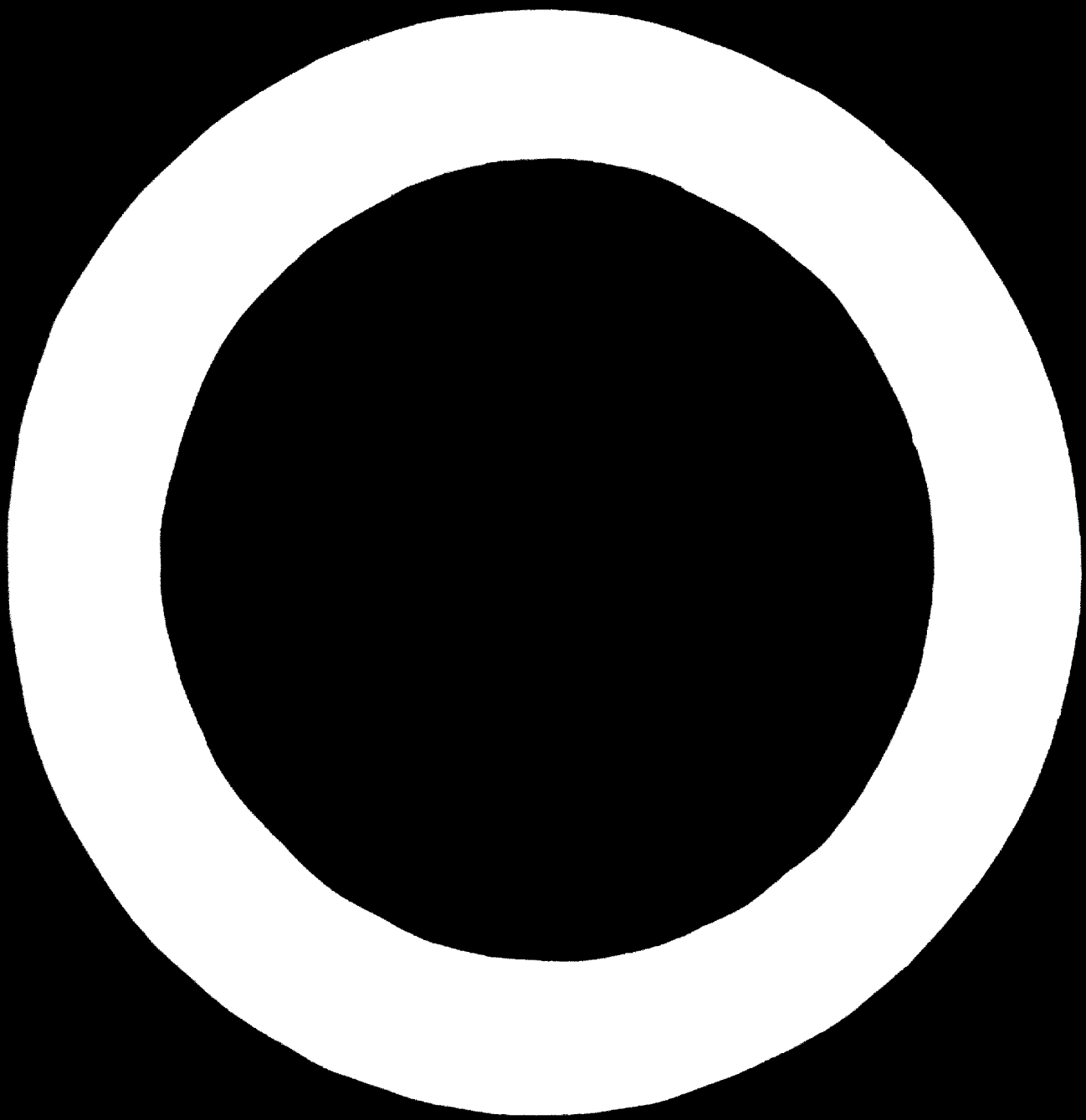
Training Workshop for
Personnel Engaged in Standardization ^{1/}
Addis Ababa, Ethiopia, 17 - 24 November 1970

PROVISIONAL AGENDA

1. Opening Addresses
2. Election of Officers
3. Adoption of the Agenda and the Work Programme
4. Organisation and Operation of a National Standardisation Body (NSB)
5. Regional Standardisation
6. Standardization and Exports Promotion
7. Standards, Quality Control and the Internal Market
8. International Standardisation
9. Basic Standards and Adoption of the Metric System (IS)
10. Priorities for standardisation in specific sectors
11. Training for Standardization
12. Need for concerted action
13. Formulation of Recommendations
14. Adoption of Report and Recommendations

^{1/} Organized by UNIDO (United Nations Industrial Development Organization) in collaboration with ECA (Economic Commission for Africa) and ISO (International Organization for Standardisation).

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.





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Training Workshop for
Personnel Engaged in Standardization ^{1/}
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PROVISIONAL ANNOTATED AGENDA

Organisation and Operation of a NSB

- Advantages of national standardization
- Functions of a NSB
- Organization and Establishment of a NSB
 - Necessary Legislation
 - Governing and subsidiary Bodies
 - Committees and subcommittees
- Initiation of a national standardisation programme and subsequent development stages
- Financial and Physical Requirements
- Procedures for the preparation and application of a standard (Compulsory vs voluntary)
- Promotion of national standards by and in government, industry and business
- Co-operation with neighbouring countries and internationally.

Regional Standardization

- Contribution of standardization to the harmonization of industrial development at the regional level
- Regional standardization as a factor of economic sub-regional and regional co-operation

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- Efforts of Africa in regional and sub-regional standardization (East African Community, the Maghreb Countries)
- Organizations for Regional Standardization, their role, organization and relation to national and international activities
- Fields of priority for regional standardization programmes

Standardization and Exports Promotion

- Competition on Export Markets
- Difference between export and internal markets (size, channels of distribution, characteristics)
- Requirements for export: consistency in specifications, grading, packaging, labelling, etc.
- Role of a national inspection and certification programme
- Alternatives for establishment of such a programme
- Examples of Iran and Japan

Standards quality control and the internal market

- Role of Standards in import-substitution
- Acceptance by the consumers of local production
- Need for a national quality control programme
- Co-operation between the national standardization body and the Consumers' Union
- Need for long term "quality consciousness" promotional campaign
- Basic Requirements: Material specifications, testing methods
- Standardization of components: performance tests
- Conformity and quality marking and its administration
- Role of Government

International Standardization

- Role of ISO
- Brief review of its organization and operation
- Fields covered and activities
- Established priorities
- Conditions and Requirements of membership and participation in international activities
- Present and Future of International Standardization
- International Standards as a basis for national standards
- Promotion of Standardization in developing countries (DEVCO, DEVPRO)

Basic Standards and Adoption of the Metric System (IS)

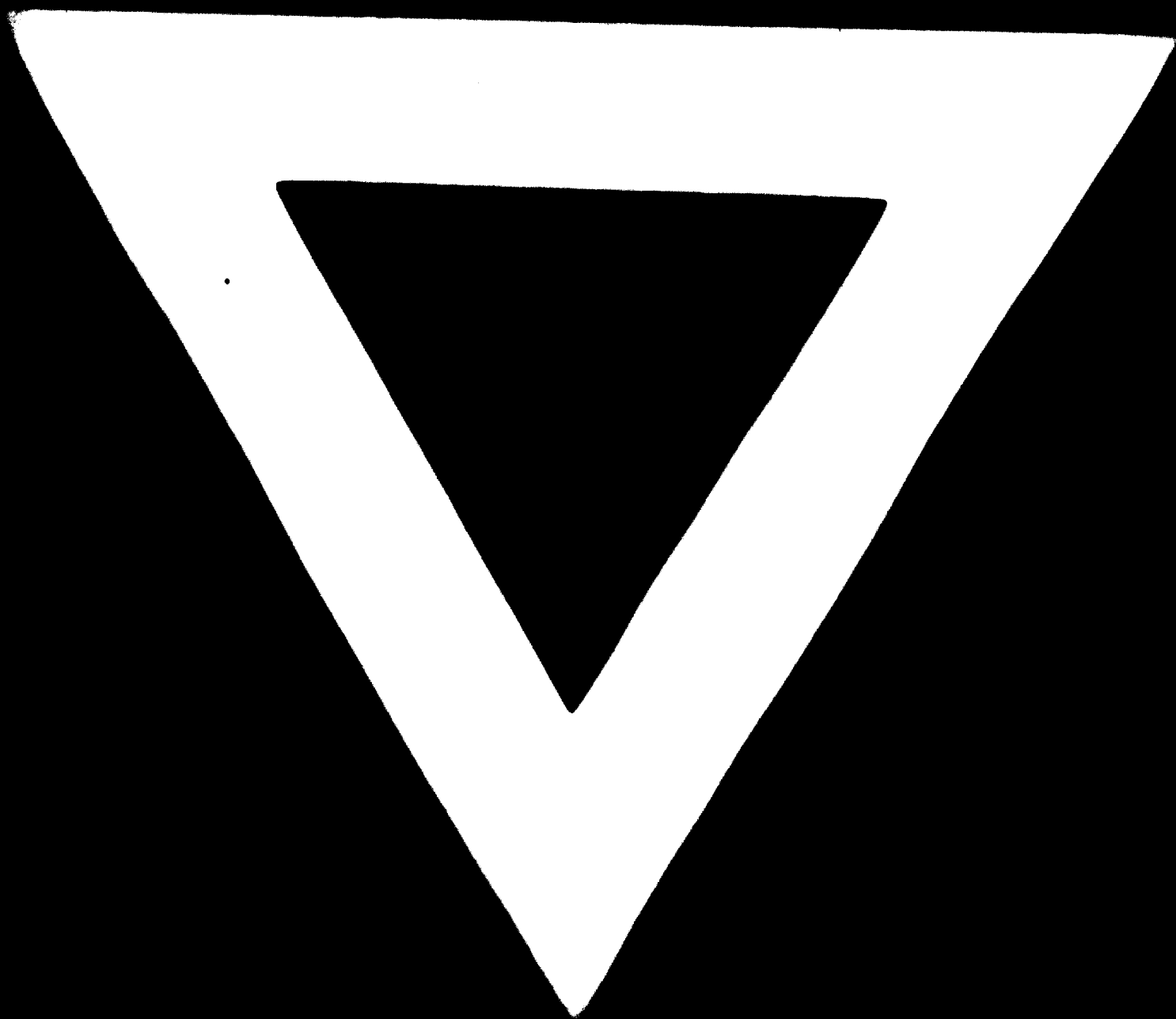
- Advantages of the metric (IS) system
- Definition of basic standards
- Present situation in countries with imperial system at various stages of introduction of the IS system
- Implications of such a change:
 - At the level of national economy
 - At the industrial production level (spare parts, capital goods, etc.)
 - Imports of capital goods from countries with imperial system
 - Fields affected by such a change and estimated costs
 - Transition period and required measures
- Influence on standardisation
- Need for regional concerted action

Priorities for Standardisation in Specific Sectors

- Need to establish priorities
- Availability of infrastructures for industrialisation
- Importance of standardisation for the rationalisation of industrial production and improvement of quality
- Scope of application of standards
- Selected areas with priorities for standardisation in East Africa:
 - Food and Natural Products
 - Building and low-cost housing
 - Industrial safety and regulations
 - Selected consumer goods of the light industry sector
 - Packaging, labelling and transport
 - Engineering industries

Training for Standardisation

- General Absence of Standardisation from regular curriculum of institutions for higher learning
- Multi-disciplinary aspect of standardisation
- Existing training programmes
- Need for organising training courses at different levels of staff and for national and company standardisation
- Planning and implementation of training programmes
 - Orientation, study and practical phase
 - Duration
- Need for national, regional and international co-operation efforts for institutionalisation



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