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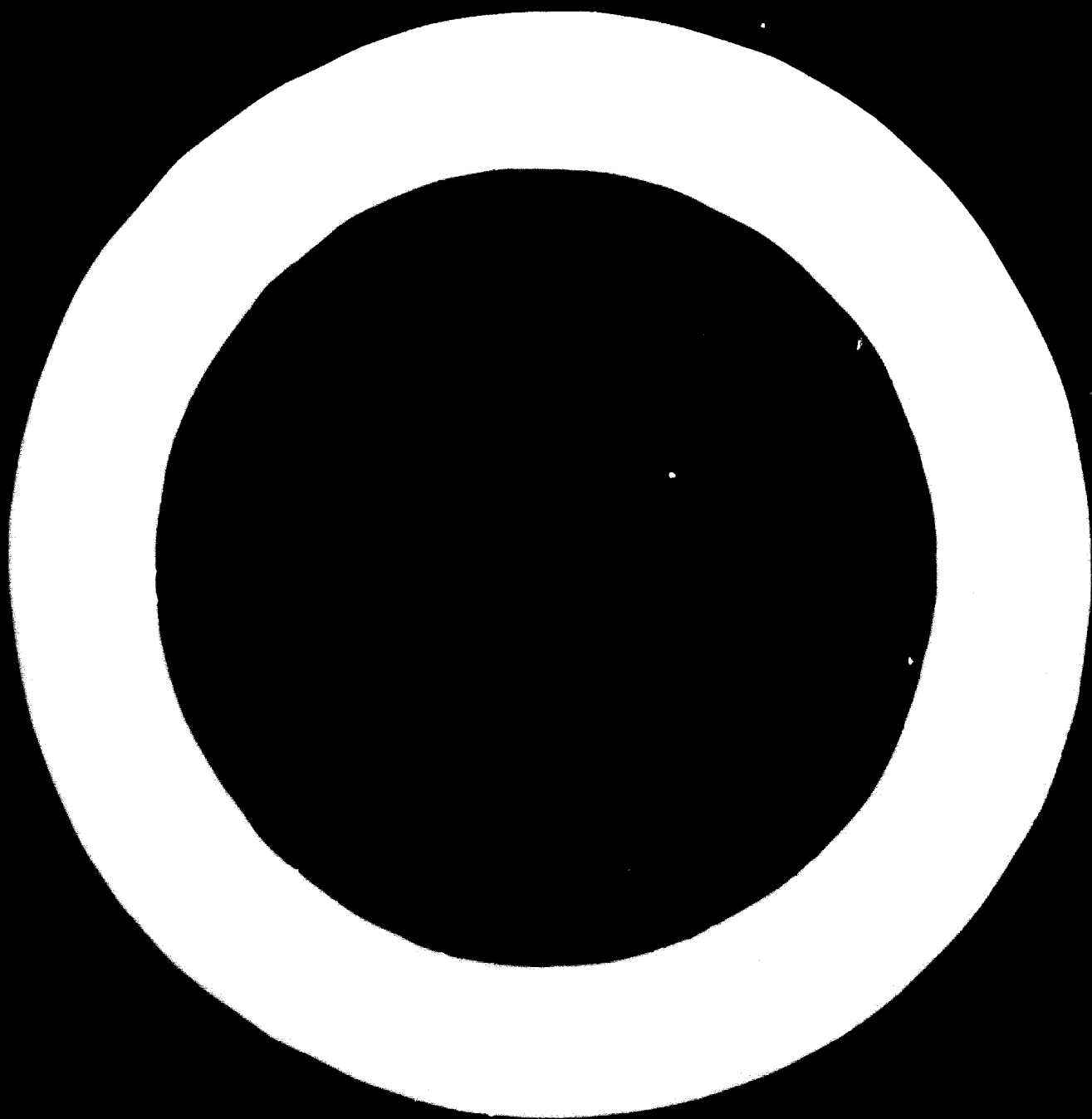
**United Nations Industrial Development Organization**

Technical Meeting on the Construction  
Industry in Developing Countries  
Vienna, Austria, 29 October - 2 November 1973

OUTLINE OF PAPERS  
TO BE PRESENTED

id. 73-1052

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.



## INTRODUCTION

This paper will be presented by the Technical Secretary after the Executive Director's speech and will elaborate on the policy points relating to the meeting.

1. It will explain the background of this meeting; and the aims of UNIDO for development in the construction sector, which will be one of the first steps in establishing modern construction and building materials industries as a separate branch of national economy in developing countries.
2. The problems foreseen to be discussed at the meeting will be divided into the following three groups:
  - identification of the most effective ways of establishing a modern national construction sector in developing countries;
  - law, economic and technical problems in the establishment of the construction industry;
  - co-operation on different levels during the establishment of the construction industry in developing countries.
3. The papers concerning the problems of development in the construction industry will be based on statistical data and economical surveys.
4. Practical proposals which will be elaborated upon during the discussions will serve to improve UNIDO's activity in granting assistance for construction in developing countries.
5. The papers will not have to touch on specific problems concerning machinery in construction (mechanization of the construction works), planning in construction and other such topics which should be discussed individually in subsequent meetings.
6. Problems of the building materials industry which are closely linked to construction will also have to be presented.
7. We intend to discuss a few reports from various developing countries which reflect diversified approaches for establishing construction industries.

The principal objective of these papers is to share experiences already acquired and to identify problems still needing solutions. The meeting should be directed toward ascertaining the most appropriate types of UNIDO technical assistance.

## Agenda Item 2

### Identification of the most effective ways of establishing a modern national construction sector in developing countries

The following outline will serve to provide background information for the various commissioned papers and will orient discussions for identifying the most effective ways of establishing modern construction industries in countries at various stages of economic development.

Three different approaches are planned for finding solutions for the above problem:

- evaluation of the primary characteristics and features during the development of the construction industry in developed countries relating to the market system of economy;
- a survey of the practical experience of countries relating to the centrally-planned system of economy during their establishment of construction and building materials industries;
- observation of the experiences existing in developing countries concerning the establishment of their national construction industry.

The three above-mentioned approaches will assist in providing developing countries and UNIDO with recommendations for policy formulation in the areas of construction and building materials industries.

## Agenda Item 2.a.

### Development of the Construction Industry in Europe

Papers presented on this subject should pertain to the experiences of European countries relating to the market system of economy and should contain the following information:

- a brief review of the development of the sector;  
an analysis of its present situation along with the most up-to-date trends;
- statistical data on its input and output;
- financial and legal aspects relating to its development;
- proposals on organization of modern construction production in developing countries having a permanent lack of available finance, material, manpower and other resources;
- the granting of assistance by European countries to developing countries, thereby giving them the opportunity to establish their own construction industry for the implementation of their national construction programmes.

Agenda Item 2.b.

Experience of the USSR in the development of the construction sector of economy

Papers presented on this topic should deal with the establishment of a modern construction industry in countries relating to the planned system of economy and should contain:

- a brief historical review on the stages of development of the construction industry in the Soviet Union;
- aspects concerning planned construction production and methods of identifying available resources for implementation of the construction programmes;
- a description of the modern trends of organization for construction production existing at present in the USSR in housing, industrial construction and other related fields;
- a report on Soviet Union co-operation with other countries in implementing domestic as well as international construction programmes;
- information on Soviet Union assistance to developing countries for their construction and building materials industries.

Agenda Item 2.c.

Individual view of the construction industry in developing countries (Present situation and evaluation of trends)

Papers concerning this subject will be expected to give information on the establishment of national construction industries in developing countries and should include:

- a brief account of this economic sector (history of development, present economic situation etc.);
- a description of the existing construction programmes, the results they have obtained, and the programmes planned for the future;
- information on government assistance, including law regulations, financing, facility provision etc., which is directed toward this sector of economy.

Agenda Item 3

Law, economic and technical problems in the establishment of the construction industry in developing countries

These papers should offer developing countries advice regarding solutions for internal problems which could arise during the establishment of a national construction industry.

3.a.

Construction industry as a separate branch of economy

This paper should document the fact that input and output of the construction industry cannot be accurately calculated if it is not recognized as an individual branch of economy.

3.b.

Private and public sector in construction

Information presented by economic commissions should help divide the areas of activity among residential, non-residential and other construction works in both private and public sectors and determine the relationships between the latter two categories of contractors.

3.c.

Concentration in construction industry

Papers concerning this problem should be based on economic surveys and provide practical suggestions regarding concentration of construction production.

3.d.

Diversification in construction

Information presented in these papers should feature various aspects of diversification in construction industry and the subsequent results pertaining to economics in construction activity.



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Agenda Item 3.e.

Construction standards and regulations

These papers should offer advice on establishing a system of construction standards as an integral part of the overall national standard system. The recommendations for setting up construction regulations should consider the general problems upon which the regulations are depending.

3.f.

Staff in construction

Information on this subject should handle the problem of increasing the number of engineers, technologists, economists and other specialists in the construction field. It should also cover the training and apprenticing of workers for various construction jobs and the likelihood of these workers and specialists to migrate to other sectors of economy in the future.

Agenda Item 4

Co-operation in the establishment of construction industries among developing countries


These papers will be divided into the following three subject matters:

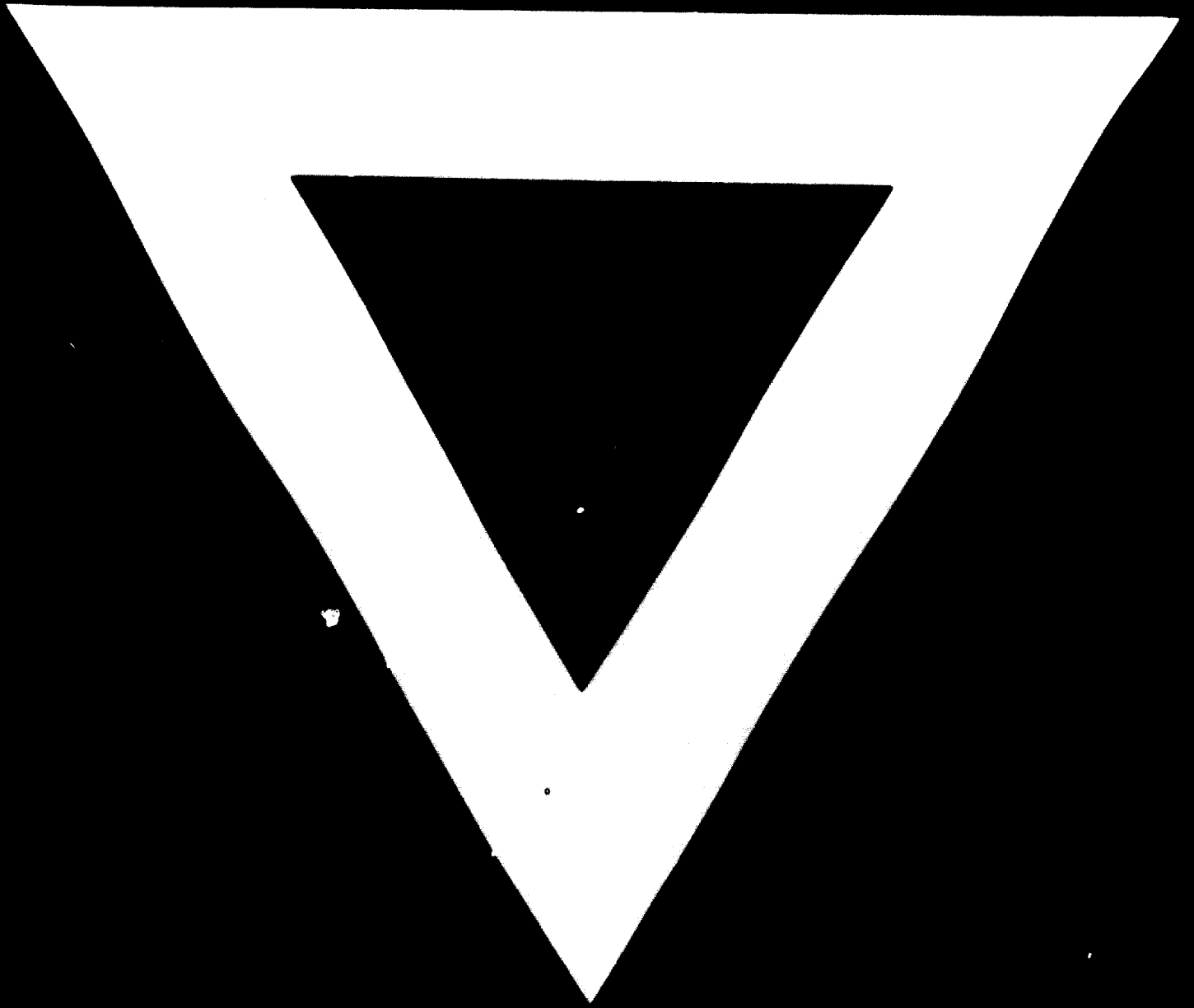
- co-operation among developed and developing countries on both bi- and multilateral basis;
- international assistance to developing countries for the establishment of a national construction industry with special attention given to the UNDP programme; and
- integration problems in the two fields of building materials production and construction works.

4.a.

Bi- and multilateral aid to the developing countries in the field of construction industry

Information concerning this topic should explore the most practical ways to supply and apply various forms of assistance. Papers should take into account the existing practices of granting aid to both developed and developing countries.





**17.6.74**