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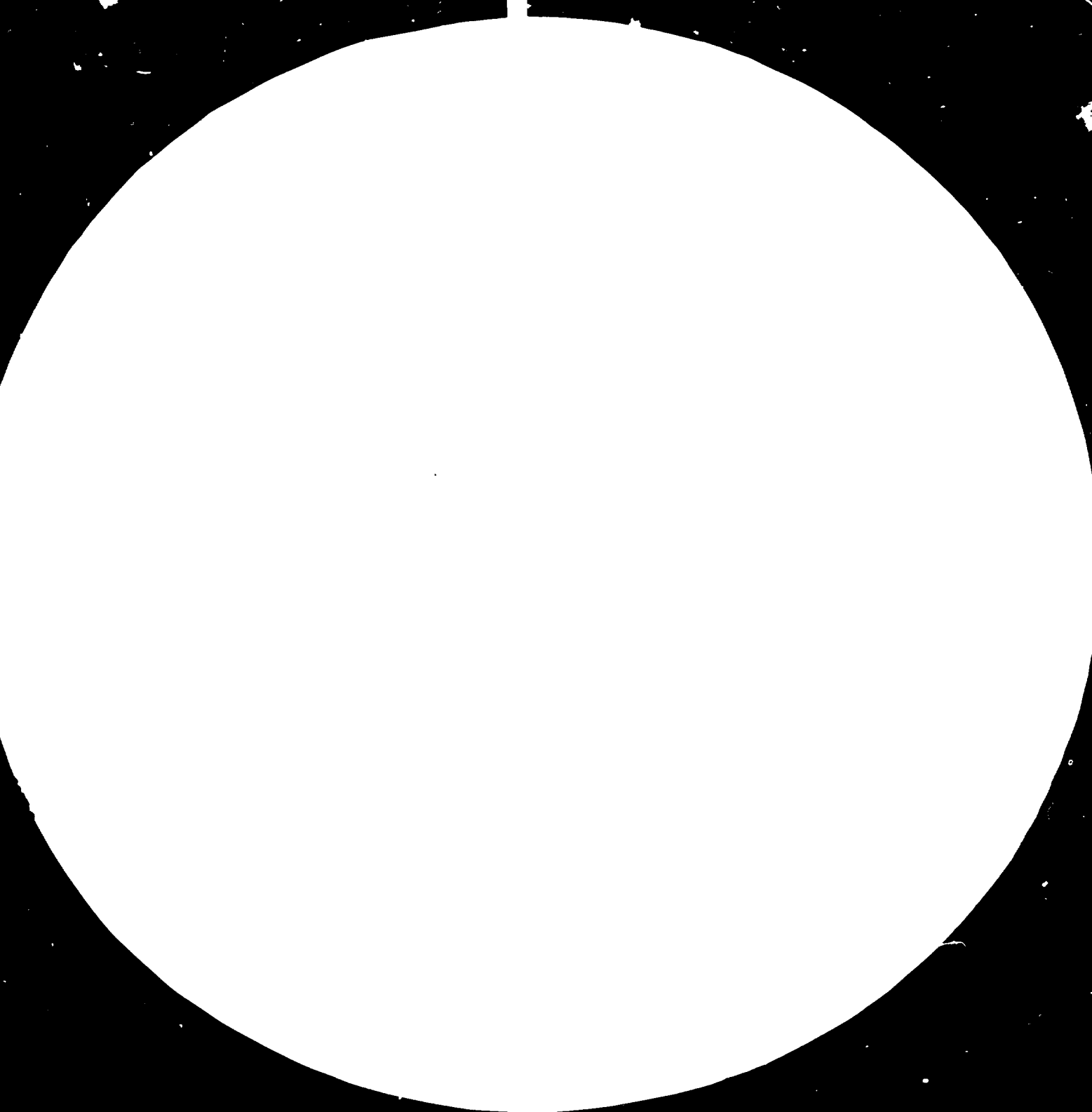
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Third Consultation on the Iron and Steel Industry  
Caracas, Venezuela, 13-17 September 1982

PROGRESS REPORT <sup>\*/</sup>

on the implementation of the recommendations of the  
Second Consultation on the Iron and Steel Industry

00304<sup>1</sup>

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1. The Second Consultation on the Iron and Steel Industry held at New Delhi, India, in January 1979, recommended that UNIDO should undertake a number of follow-up activities<sup>1/</sup>. Those recommended activities were, in brief:

- i) Setting up a Working Group to assist and advise the secretariat in preparing the scenarios based on different possible alternatives for the 1990 horizon.
- ii) Arranging a Working Group to investigate the problems of long-term contracts for the supply and purchase of iron ore and coking coal.
- iii) Organizing meetings to set out the technical and economic criteria to be assessed in establishing a steel industry in developing countries.
- iv) Studying the marketing of finished and semi-finished products.
- v) Establishing an independent advisory service to act at the request of countries in the early stages of the consideration of steel industry development projects.
- vi) Promoting the contacts and co-operative arrangements and twinning arrangements between research and development institutes in developing and developed countries.
- vii) Setting out a model constitution for national and regional steel industry management training colleges for developing countries and seeking the cooperation of more developed countries with established steel industries to provide training schemes for personnel from developing countries.
- viii) Setting up a Working Group to examine the social and human aspects of the development of the iron and steel industry in developing countries.

This Progress Report describes the activities undertaken.

2. In line with the importance expressed, in the recommendations of the Second Consultation, elaboration of scenarios was given priority and was immediately started and the Working Group on Scenarios of the Iron and Steel Industry's Development met at Algiers in December 1979<sup>2/</sup> and decided on a

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<sup>1/</sup> Report of the Second Consultation on the Iron and Steel Industry, ID 224 (ID/WG.286/7)

<sup>2/</sup> Report; ID/WG.313/3

small group of experts to work in close contact with UNIDO, particularly to review the documents on scenarios and the dossiers that would permit to elaborate the alternative scenarios. This group met thrice before convening the Second Working Group Meeting at Estoril (Portugal) in February 1982<sup>3/</sup>. The Working Group recommended the issues for discussion at the Third Consultation. The three issue papers and the background documents (Scenarios and Dossiers) are prepared in line with these recommendations.

3. Most of the outcome of the follow-up activities recommended by the Second Consultation and undertaken by UNIDO have already been incorporated in the documents prepared for the Third Consultation.

4. Studies were carried out and a Working Group was arranged to investigate the problems of iron ore and coking coal, which met at Bratislava (Czechoslovakia) in March 1982<sup>4/</sup>. The recommendations of this working group were taken into account in preparing the Dossier on Raw Materials<sup>5/</sup>.

5. Although no meeting could be organized to set out the technical and economic criteria to be assessed in establishing a steel industry, several studies were carried out. The content of these studies were discussed in the meetings of the small group of experts and made use of in preparing the Scenarios and the Dossiers.

6. Due to lack of resources, no follow-up action was taken to study in-depth the marketing of finished and semi-finished products. However, the subject has been treated to some extent in Dossier on Markets, Product Ranges and Scale Economies<sup>6/</sup>.

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<sup>3/</sup> Report; ID/WG.363.4

<sup>4/</sup> Report; ID/WG.360/4

<sup>5/</sup> 1990 Scenarios for the Iron and Steel Industry; Addendum; "The Dossiers"; ID/WG.374/2 Add.1; Dossier II

<sup>6/</sup> 1990 Scenarios for the Iron and Steel Industry; Addendum; "The Dossiers"; ID/WG.374/2 Add.1; Dossier III

7. Establishment of an independent advisory service requires substantial resources. Due to lack of such resources, no follow-up action was taken. However, a study was undertaken to investigate the specific problems of newcomers to the sector and an issue paper was prepared for discussion at the Third Consultation.<sup>7/</sup>

8. In line with the recommendation to promote contacts and cooperative arrangements and twinning arrangements between research and development institutes, UNIDO has prepared and sent out a questionnaire to research and development institutes. The replies are compiled as a Directory and made available to the participants of the Third Consultation<sup>8/</sup>.

9. The training problems of the iron and steel industry were investigated and a discussion paper was prepared<sup>9/</sup>.

10. In connection with the environmental aspects of the iron and steel industry, UNIDO has prepared a study<sup>10/</sup> and participated in the UNEP/UNIDO Meeting on the Environmental and Resource Aspects of the Direct Reduction Route to Steel Making, which was held at Puerto Ordaz, Venezuela, in April 1982. The report of this meeting<sup>11/</sup> and the above-mentioned UNIDO study are made available to the participants of the Third Consultation.

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<sup>7/</sup> Entry of Newcomers into Steel Sector; ID/WG.374/4

<sup>8/</sup> Directory of Industrial and Technological Research Institutes: Metallurgy Sector; UNIDO/IS.319

<sup>9/</sup> Training of Manpower for the Iron and Steel Industry; ID/WG.374/1

<sup>10/</sup> Water Use and Treatment Practices and Other Environmental Consideration in the Iron and Steel Industry; UNIDO/IS.263

<sup>11/</sup> Record of the UNEP/UNIDO Meeting of Experts on the Environmental and Resource Aspects of the Direct Reduction Route to Steel Making; UNEP/WG/I.S.9 Final

