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for a sustainable future

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ENGLISH

Workshop on Case Studies of Aluminium Smelter
Construction in Developing Countries

Vienna, Austria, 27 - 29 June 1977

PROVISIONAL AGENDA

Monday, 27 June 1977

| | |
|-------|---|
| 9.00 | Registration |
| | Introduction of participants |
| 10.00 | Official opening of the meeting by Mr. Pal Szakal, Acting Head of the Metallurgical Industries Section, UNIDO |
| | Opening speech by Mr. G.P. Veliky, Director, Industrial Operations Division, UNIDO |
| 10.15 | Election of Chairman and Vice-Chairmen |
| 10.40 | Adoption of the Agenda |

Session 1

- General problems and opportunities for
aluminium production in developing
countries (Item C.1(a) of the aide-
mémoire)
- Discussion of fundamental criteria and
inputs, a survey of potentials of raw
material and energy, etc.

Session II

14.30
to
17.30

- Planning of smelters (Item C.1(b) of the aide-mémoire)

Discussion of criteria for decision to construct a smelter, selection of capacity, selection of site, planning of product-mix, possible forward integration by cast rolling of semis, planning and construction management, etc., financial aspects and impacts of planning.

- Selection of technology and equipment (Item C.1(c) of the aide-mémoire)

Discussion of potline capacity, anode system, mechanization and automation, DC supply, alumina feeding system, casthouse technique, anode plant, fume control and fluorine recycling systems, others.

Specific investment cost levels.

The idea of "appropriate technology" in primary aluminium production.

The future of the Hall-Heroult plant: possible alternatives.

Tuesday, 28 June 1977

Session III

9.00
to
12.30

- Fitting a smelter in the environment (Item C.1(d) of the aide-mémoire)

Discussion of requirements on size of land, effluents, pollution effects, limits of pollution control, need for a "cordon sanitaire", transport connexions, demand for utilities, housing, other infrastructural needs, etc.

Session IV

14.30
to
17.30

- The human factor (Item C.1(e) of the aide-mémoire)

Discussion on the impact of the social environment, staff requirements, productivity, foreign experts, national cadres, ways and means of efficient training.

Wednesday, 29 June 1977

Session V

9.00
to
12.30

General discussion on conclusions and on recommendations for UNIDO, developing and developed countries;

Identification of further technical assistance activities in the aluminium industries and especially in the smelter sector.

Session VI

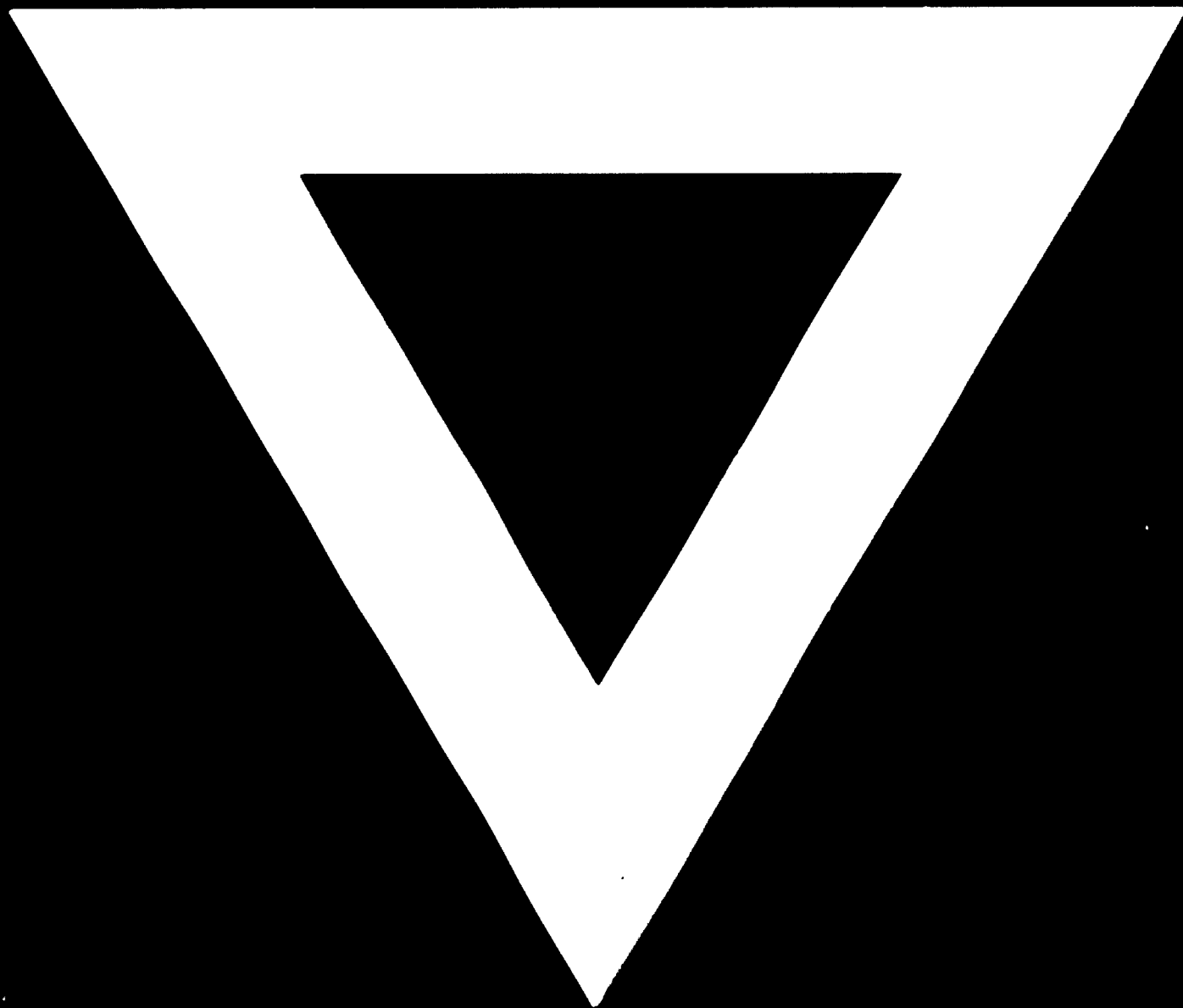
14.30

17.30

Adoption of the draft report of the meeting

Closing speeches by the Chairman of the Meeting and of the Acting Head of the Metallurgical Industries Section, UNIDO

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