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14 June 1972

United Nations Industrial Development Organization

ENGLISH

Expert Group Meeting on Transfer of Know-how
on the Production and Use of Catalysts

Bucharest, Romania, 26 - 30 June 1972

AGENDA

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, 26 June 1972

Opening Session 10.00 - 12.00

In the Chair	Chairman pro-tem
Election of Chairman	Chairman, Vice Chairman and Rapporteur
Opening speech	Mr. M. Florescu, Minister Ministry of Chemical Industries of Romania
Message to the Meeting	Dr. I. H. Abdel Rahman Executive Director - UNIDO read by Mr. M. C. Verghese Director of the Meeting - UNIDO
Presentation of overall programme	Mr. A. Dumitrescu, Technical Secretary of the Meeting - UNIDO

Afternoon session 14.00 - 17.00

14.00 - 15.00 Objectives and results expected
to be achieved by the Expert
Group Meeting A. C. Verghese UNIDO

15.00 - 17.00 Section I
Development, production and use of catalysts and
catalytic processes in the developing countries

ID/WG.123/5
Development, production and
use of fertilizer catalysts
in India by
S. P. Sen
India

ID/WG.123/6
Phosphoric acid as a cata-
lytic medium for organic
reactions by
L. M. Shorr
Israel

ID/WG.123/8
Current problems in scientific-
technical co-operation in cata-
lysis between a research insti-
tute and industry in Yugoslavia by
Paula Futanov
Yugoslavia

Tuesday, 27 June 1972

Morning session 9.00 - 12.00

9.00 - 12.00

Section I (cont'd)

Development, production and use of catalysts and catalytic processes in the developing countries

ID/WG.123/9

Preparation of aromatics from catalytic reforming of petroleum fractions

presented by
F. Kamali
Iran

ID/WG.123/10

Hydrosulphurization of fuel oil using Co-Mo catalysts

by
M. Shahb
Iran

ID/WG.123/18

Present status and future possibility of catalysts in India

by
A. H. Laljee
India

ID/WG.123/11

Technico-economical aspects related to heat recovery in heterogenous catalytic processes

presented by
D. Grigoriu
Romania

ID/WG.123/17

Catalysts used in the fertilizer industry in Turkey

by
Refik S. Oenuer
Turkey

ID/WG.123/19

Vinyl chloride production by catalytic dehydrohalogenation of 1,2 dichloroethane

presented by
F. Colunga Diego
Mexico

Discussions and conclusions

-/-

Tuesday, 27 June 1972

Afternoon session 14.00 - 17.00

14.00 - 15.30 Continuation of discussions and conclusions
of papers presented in Section I

15.30 - 17.00 Section II
Test methods for catalysts and evaluation of
catalytic processes

ID/WG.123/12
Methods for estimation of crude
oil processing catalyst activity

presented by
T. M. Pilotti
Romania

ID/WG.123/20
Catalyst testing

Imperial Chemical Ind.
Limited, Billingham
United Kingdom

ID/WG.123/14
The physical and mathematical
modelling of a process for some
alkylaromatics dehydrogenation
in adiabatic system

presented by
V. Maccarov
Romania

Discussions and conclusions

Wednesday, 28 June 1972

Morning session 9.00 - 12.00

9.00 - 12.00

Section III

Plants and equipment for catalysts' manufacture
and catalytic processes (techno-economic aspects)

ID/WG.123/13

Some aspects related to the
development and manufacture
of commercial catalysts

by
I. Ghejan
Romania

ID/WG.123/15

Economic small-size phthalic
anhydride plant and a small
plant for the manufacture of
catalysts

by
O. F. Joklik
Fed. Rep. of Germany

ID/WG.123/21

A survey of development in
reactor technology (reactor
for catalytic gas-phase
processes)

by
O. F. Joklik
Fed. Rep. of Germany

ID/WG.123/22

Factors affecting the decision
to manufacture catalysts

by
E. I. Korchak
USA

ID/WG.123/23

Improved economics in
catalytic reforming

presented by
C. G. Obaditch
United Kingdom

Discussions and conclusions

Wednesday, 28 June 1972

Afternoon session 14.00 - 17.00

14.00 - 15.30 Continuation of discussions and conclusions
of papers presented in Section III

15.30 - 17.00 Section IV
New trends in catalysis and catalysts' utilization

1D/WG.123/7
New trends in catalysis

by
J. Manassen
Israel

1D/WG.123/16
Activity and life of catalysts
for the production of ammonia

by
S.P.S. Andrew
United Kingdom

Discussions and conclusions

Thursday, 29 June 1972

Visits to plants and institutes

8.00	Departure from Bucharest
9.00	Arrival at Grupul Industrial de Petrochimie - Ploiesti (Industrial Group for Petrochemistry)
9.00 - 9.10	Presentation of model of Industrial Group of Petrochemistry
9.00 - 9.30	Film show on "Development of dynamics of Industrial Group of Petrochemistry"
9.30 - 10.30	Visits to plants: catalytic reforming, catalytic cracking, xylene isomerization, ethylene oxide, phthalic anhydride, maleic anhydride
10.30 - 10.45	Coffee break
10.45 - 12.00	Discussions with specialists
12.00 - 13.30	Lunch break
13.30	Departure for Research Institute
14.00 - 14.30	Presentation of Research Institute for Crude Oil Processing - Ploiesti, and Institute for Chemical Research - Ploiesti
14.30 - 15.30	Visit to the Institutes
15.30 - 16.30	Discussions with specialists
16.30	Departure for Bucharest

Friday, 30 June 1972

Morning session 9.00 - 12.00

9.00 - 12.00

Section V

Discussions on

-Transfer of know-how in production and use of catalysts

-final conclusions and recommendations of the Expert Group Meeting

Afternoon session 14.00 - 17.00

14.00 - 17.00

Continuation of discussions on the final conclusions and recommendations of the Expert Group Meeting

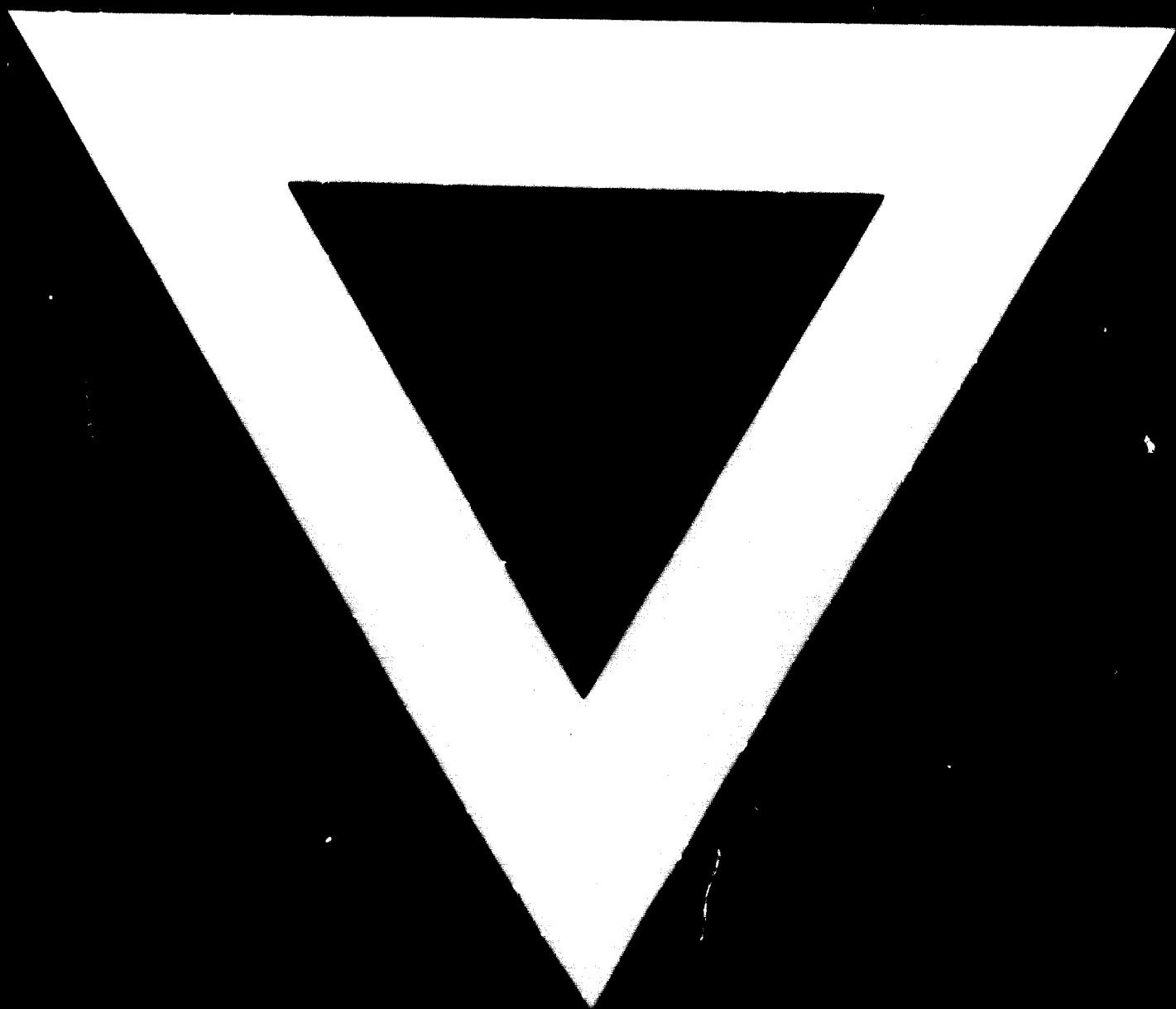
Drafting of Meeting report

Adoption of Meeting report

Concluding statements

Vote of thanks

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