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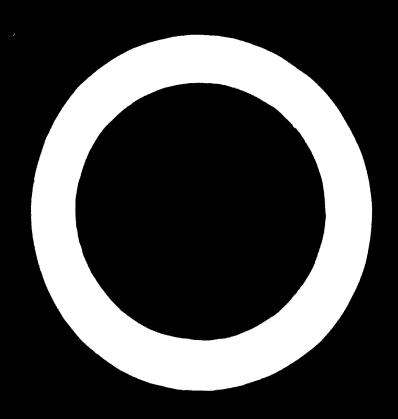
UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

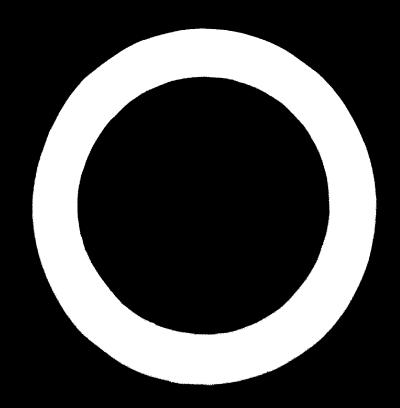
SYMPOSIUM ON THE DEVELOPMENT OF THE PLASTICS FABRICATION INDUSTRY IN LATIN AMERICA

organizad in ec-operation with

Acceleción Colombiane de Industries Plásticas— ACOPLASTICOS—
and Instituto Latinoamericano del Plástico—ILÁP—

BOGOTA, COLOMBIA 20 NOVEMBER-1 DECEMBER 1972



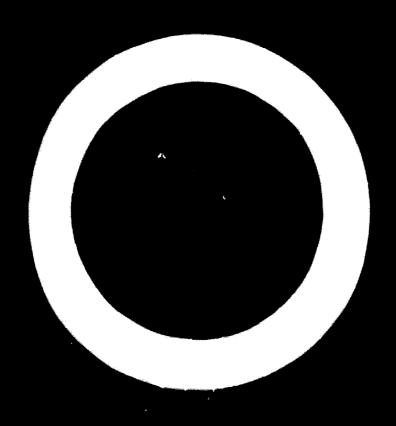


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Symposium on the Development of the Plantics Fabrication Industry in Latin America

Bogoti, Colombia, 20 November-1 Dec:mber 1972

PROGRAMME



TIME-TABLE

8.30 9.45	Registration of participants
10.00-12.30	Section I—Opening session
	Section II-Plastics in world development
14.30-16.15	Session ,1
16.15-16.30	Break
16.30-17.30	Section 1 continued
18.00	Official inauguration of Symposium

8.30-10.30 10.30-10.45	Session 2 Break	
	Section III - Materials	
10.45-12.30	Section 1	
14.30-15.30	Section 2	g san sa sa sa kababatan t
15.30-15.45	Break	
15.45 -18.30	Individual person-to-perso	n investment pro-
	motion meetings	
Wednesday, 22 November		

8.30-10.30	Session 3
10.30-10.45	Break
10.45-12.30	Session 3 continued

Section I	V-	Fabri	cation	processes
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14.30-15.30	Session
15.30-15.45	Break

15.45-18.30 Individual person-to-person investment pro-

motion meetings

Thursday, 23 November

8.30-10.30	Session 2
10.30-10.45	Break
10.45-12.30	Session 2 continued
14.30-15.30	Session 3
15.30- 15.45	Break
15.45-18.30	Individual person-to-person investment pro-
	motion meetings

Priday, 24 November

8.30-10,30	Session 4
10.30-10.45	Broak
10.45-12.30	Session 4 continued
14.30-15.30	Session 5
15.30-15.45	Break
15,45-18,30	Individual person-to-person investment pro-
	motion meetings

Schurdoy, 25 November

8.30-11.00 Section 6

Sunday, 26 November Proc

Monday, 27 November

8.30-10.30	Section V-Applications Session 1		
10.30-10.45 10.45-12.30	Break Session 1 continued		
14.30-15.30 15.30-15.45	Session 2 Break		
15.45-18.30	Individual person-to-person motion meetings	investment	pro-

Tuesday, 28 November

8.30-10.30 10.30-10.45 10.45-12.30	Section 3 Break Section 3 continued	
14.30-15.30 15.30-15.45 15.45-18.30	Senion 4 Break Individual person-to-person investment motion meetings	bec

Wednesday, 29 November

	Section VI-Investment promotion and technical
•	assistance requirements
8.30-10.30	Session 1
10.30-10.45	Book
10.45-12.30	Session 1 continued
14.30-15.30	Session 2
15.30-15.45	Bnek
15.45-18.30	Individual person-to-person investment pro-
	motion meetings

Thursday, 30 November Visits to Colombian plants

Friday, 1 December

	Section VII-Adoption of report and closing session
8.30-10.30	Session 1
10.30-10.45	Break
10.45-12.30	Session 1 continued
14.30-16.30	Session 2
16.30-16.45	Break
16.45-18.30	Session 2 (concluding session)

SYMPOSIUM ON THE DEVELOPMENT OF THE PLASTICS FABRICATION ENDUSTRY IN LATIN AMERICA

Bogotà, Columbia

20 November - 1 December 1972

SECRETARIAT

Director	N. K. Grigoriev	(UNIDO)
Co-Director	I. Chiappe-Lemos	(ACOPLASTICOS)
Technical Secretary	H. May	(UNIDO)
Investment Promotion Adviser	U. Loeser	(UNIDO)
Lieison Officer		a (ACOPLASTICOS)

Location of the Symposium

Camera de Comercio Carrera 9a, No. 16—21 Bogotà, Colombia

FIRST MEETING DAY-MONDAY, 20 NOVEMBER

Section I-Opening session (10.00-12.30)

In the chair

Chairman pro-term

Election of Chairman

Presentation of UNIDO staff

UNIDO

ID/WG.137/53

Introduction to UNIDO investment

promotion programme

UNIDO

Review of new polymers and plastics

Lectum ex-tempore by Professor H. Mark

Section II—Plastics in world development
Section II—Section 1 (14.30—17.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/44

Current trends in plantics

presented by

UNIDO

ID/WG.137/8

Sub-regional integration in plastics processing

A. Hahn

France

ID/WG.137/50

Leasing -a method to combine

financing and management

responsibilities

A. Schweb

Fed. Rep. of Germany

ID/WG.137/20

Present status and future plans of the plastics industry in Latin America

J. M. de Oliveira-

Ramos

Brezil

ID/WG.137/

Present status and future plans of the plastics industry in Argentina

C. H. Nardini

Argentina

Teatro Colón

18.00

Official inauguration of Symposium under the auspices of H. E. Dr. Missel Pastrana-Borrero, President of the Republic of Colombia

SECOND MEETING DAY-TUESDAY, 21 NOVEMBER

Section II—Session 2 (8.30-10.30)

Chairman: Co-Chairman: Rapporteur:

1D/WG.137/40 Plastics materials in Latin America	presented by	Economic Commission for Latin America
ID/WG.137/17		
Costing methods for investment requirements and estimates in fabrication of plastics	J, F. Lontz	United States of America
ID/WG.137/39	÷	
Contribution of the Organization of American States to the Latin American plastics industry	Z. Stabo	Organization of American States
ID/WG.137/		
Present status and future plans of the plastics industry in Paraguay	T. R. Cataldo- Figari	Paraguay
ID/WG.137/32		
Present status and future plans of the plastics industry in Uruguay	F. Invernizzi	Uruguay

Section III-Materials
Section III-Session 1 (10.45-12.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/9

Value engineering with engineering M. J. Kakos United States thermoplastics . United States

ID/WG.137/5

Polysulfone-Seven years in the

marketplace

F. W. Wurtzell

United States of America

(presented by

E. Asmar)

Colombia

ID/WG,137/42

Present status and future plans of the plastics industry in the Andean Group A. Garay-Salamanca Acuerdo de Cartagena

(Andean Group)

Section III—Session 2 (14.30—15.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/4

Development and prospects in manu-

facturing methods for low density

polyethylene

ID/WG.137/16

Opportunities for glass fibre reinforced D. G. Mettes plastics in developing countries

P. Durand

United States of America

Individual person-to-person investment promotion meetings (15.45-18.30)

THIRD MEETING DAY-WEDNESDAY, 22 NOVEMBER

Section III-Session 3 (8.30-12.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/18

Advances in plastics polymers and resins for improved and expanded

applications

ID/WG.137/46

Climatic protection of polyethylene

film

ID/WG.137/

Present status and future plans of the

plastics industry in Chile

ID/WG.137/

Present status and future plans of the

plastics industry in Bolivia

Panel discussion on materials

J. F. Lontz

United States

of America

V. Ionita

Romania

M. Abarca-Aifaro

Chile

F. Illanes de la

Bolivia

Riva

Panelists to be announced later

Section IV-Fabrication processes Section IV-Session 1 (14.30-15.30)

> Chairman: Co-Chairman: Rapporteur:

ID/WG.137/49

Automation in the spray-up process for fibreglass reinforced polyester resins

J. Coudenhove-Kalergi

(presented by

H. Hubeny)

Austria

ID/WG.137/30 Present status and future plans of the plastics industry in Colombia

F. Berenguer A. Frolich G. Sendino H. Mora J. M. Tamayo

Colombia

Individual person-to-person investment promotion meetings (15.45-12.30)

FOURTH MEETING DAY-THURSDAY, 23 NOVEMBER

Section IV-Session 2 (8.30-12.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/33		olista (j. 1865.) 19 majora na kristinska (j. 1866.) 18 april 18 april 1
Developments in blown film extrusion	J. Müller	Fed. Rep. of Germany
	(presented by A. Senn)	Chile
ED/WG ,137/28		
Polyethylene heat-shrinkable films	G. A. Sandino- Salcedo	Colombia
ID/WG.137/25		
Present status and future plans of the plastics industry in Peru	W. Salines-Ruiz Conejo	Poru
ID/WG.137/		
Present status and future plans of the plastics industry in Ecuador	A. R. Rodríguez- Zambrano	Ecuador
ID/WG.137/12	•	
The manufacture of monoaxially stretched film tapes	H. Domininghaus O. Heine W. Hofmann (presented by H. Weigand)	Fed. Rep.
ID/WG.137/35	ii. weiganu)	of Germany
Mould design and making	P. Ernst	
	(presented by A. F. Boeckmann)	Fed. Rep. of Germany
ID/WG.137/55		•
Present status and future plans of the plastics industry in Mexico	L. Arciniega-Carrillo E. Castro-Hemández	

ID/WG.137/34

Present status and future plans of the

plastics industry in Guatemala

G. A. Argueta-Arbizu

Guatemala

ID/WG.137/57

Structural foams from thermoplastics

M. Sánchez

Colombia

Section IV-Session 3 (14.30-15.30):

Chairmen:

Co-Chairman:

Rapporteur:

ID/WG.137/27

Structural foams from thermoplastics

K. F. Grafe

Ped. Rep. of Germany

ID/WG.137/11

Two colour injection moulding

A. Wögster (presented by

W. Wittmann)

Austria

Individual person-to-person investment promotion meetings (15.45-18.30)

FIFTH MEETING DAY-FRIDAY, 24 NOVEMBER

Section IV-Session 4 (8.30-12.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/36 Continuous moulding of polystyrene board	J. Zembron	Sweden
ID/WG.137/31		
Rotational moulding	A. P. Boockmans	
ID/WG.137/21		of Germany
Present status and future plans of the plastics industry in Costa Rica	R. Lopez	Costa Rica
ID/WG.137/29		
Present status and future plans of the plastics industry in El Salvador	R. Escoto	El Salvador
ID/WG.137/38		
The production of pressure pipes from rigid PVC	V. J. Andres (presented by K. Rohé	Ped. Rep. of Germany
ID/WG.137/54		
Twin screw extruders	F. Burger (precented by A. Hoeckmann)	Fod. Rep.
ID/WG.137/24	A SACREMENT	of Germany
Present status and future plans of the plastics industry in Panama	O. Carles	Panama

Section IV-Session 5 (14.30-15.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/10 Blow moulding

L. O. Philipson

United States of America

ID/WG.137/6

Recent developments of wire enamel for magnet wires in electronic and motor applications

H, Schlegel

Fed. Rep. of Germany

Individual person-to-person investment promotion meetings (15.45-18.30)

SIXTH MEETING DAY-SATURDAY, 25 NOVEMBER

Section IV-Session 6 (8.30-11.00)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/51

The application of computers to the plastics industry

A. Schweb

Fed. Rep. of Germany

Panel discussion on fabrication processes

Panelists to be announced later

SEVENTH MEETING DAY-MONDAY, 27 NOVEMBER

Section V-Applications

Section V-Session 1 (8.30-12.30)

Chairman: Co-Chairman: Rapporteur:

10 Mic 199/14		
ID/WG.137/14 Plastics add a new dimension to	D Sallanda	
furniture	D. Schleede	P.4 P
iomiture	(presented by	Fed. Rep.
	D. Thilenius)	of Germany
ID/WG.137/45		
Crates and furniture fabrication	C. Sciamma-Liebig	Spain
ID/WG.137/41		• • • • • • • • • • • • • • • • • • •
Present status and future plans of the plastics industry in Nicaragua	F. Robelo	Nicaragua
ID/WG.137/22		
Present status and future plans of the	R. D. Mejia-Garcia	Dominican
plastics industry in the Dominican		Republic
Republic		▼ .
ID/WG.137/37		
Trends in the development of plastics	W. Glass	United States
lightening equipment		of America
ID/WG.137/47		
Present status and future plans of the	G. Hernandez-	Venezuela
plastics industry in Venezuela	Parra	
ID/WG.137/56 .		
Present status and future plans of the	A. Bennaton	Honduras
plastics industry in Honduras	Pineda	

Section V-Session 2 (14.30-15.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/19

The use of cellular plastics for the improvement of soil structure

(Plastoponics)

H. Baumann

Fed. Rep.

of Germany

ID/WG.137/

Plastics in agriculture

G. Pruzan

Argentina

Individual person-to-person investment promotion meetings (15.45-18.30)

EIGHTH MEETING DAY-TUESDAY, 28 NOVEMBER

Section V-Session 3 (8.30-12.30)

Chairman: Co-Chairman: Rapporteur:

ID/WG.137/13 Paper-like film from high density polyethylene	J. M. Krause F. J. Köhler (presented by D. Thilenius)	Fed. Rep. of Germany
ID/WG.137/7		
Food grade PVC bottles manufacturing in France—use of bulk PVC	L. Goiran (presented by J. P. Weben)	France
ID/WG.137/23	•	
Present status and future plans of the plastics industry in Guyana	M. A. K. Hamid	Guyana
ID/WG.137/26	·	
Present status and future plans of the plastics industry in Trinidad and Tobago	G. Voes	Trinidad and Tobago
ID/WG.137/43		
International view on fibreglass houses	H. Mora	Colombia
ID/WG.96/6		
The use of plastics mateirals in the mass-production of low-priced houses for developing countries	K. Rohe	Fed. Rep. of Germany
Panel discussion on application of	Panelists to be announced later	

plastics to housing

Section V- Session 4 (14.30-15.30)

Chairman: Co-Chairman: Rapporteur:

Panel discussion on application of plastics

Panelists to be announced later

Individual person-to-person investment promotion meetings (15.45-18.30)

NINTH MEETING DAY-WEDNESDAY, 29 NOVEMBER

Section VI-Investment promotion and technical assistance requirements

Section VI-Session 1 (8.30-12.30)

Chairman:

Co-Chairman:

Rapporteur:

ID/WG.137/

Present status and future plans of the A. Behrens LAPTA

plastics industry in the LAFTA region

ID/WG.137/15

A model plastics technology centre for J. F. Lontz United States developing countries of America

ID/WG.137/48

Laboratorium für Kunststofftechnik- E. Schmitz

a possible model for institutes of H. Huberry Austria training, testing and research of

plastics

ID/WG.137/52

Introduction to UNIDO technical presented by UNIDO

assistance programme

Section VI-Session 2 (14.30-15.30)

Chairman:

Co-Chairman:

Rapporteur:

Panel discussion on UNIDO assistance and training facilities

Panelists to be announced later

Individual person-to-person investment promotion meetings (15,45–18,30)

TENTH MEETING DAY-THURSDAY, 30 NOVEMBER

Visits to Colombian plants-Programme to be announced later

ELEVENTH MEETING DAY-PRIDAY, I DECEMBER

Section VII-Adoption of report and closing session

Section VII-Section 1 (8.30-12.30)

Chairman: H. May Co-Chairman: Rapporteur:

Discussion and adoption of Symposium report

Section VII-Session 2 (14.30-18.30)

Chairman: H. May Co-Chairman: Rapporteur:

Adoption of Symposium report Concluding addresses Vote of thanks

UNIDO

