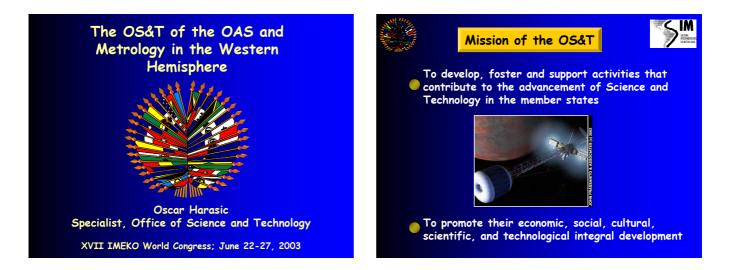
TC11

XVII IMEKO World Congress Metrology in the 3rd Millennium June 22–27, 2003, Dubrovnik, Croatia



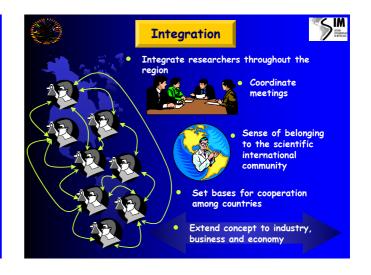




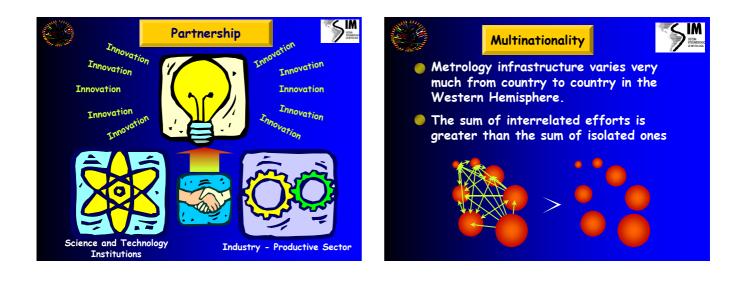


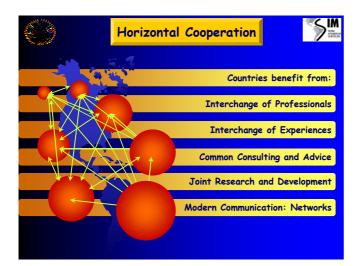
The OAS is the oldest American regional organization, founded in 1889, now with 34 American member countries.



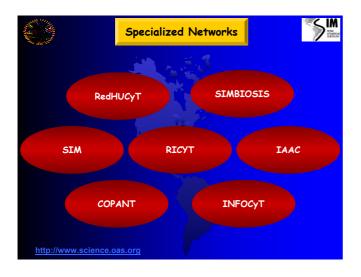








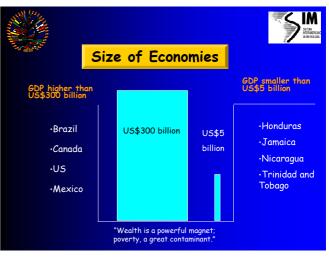




Presidents Meeting 196 Summit 1994:	67: Punta del Este, Uruguay Miami, USA		
Summit 1994:			
	Miami USA		
C			
Summit 1998:	Santiago, Chile		
Summit 2001:	Quebec, Canada		









Classification of economies by major export category, 1996

The majority of the countries are raw materials exporters (50% of export is raw material)

SIM

Industries increased up to 25% of GDP

\*Exporters of manufactures \*Exporters of non-fuel primary products

Exporters of fuels (mainly oil)

Exporters of services

Diversified exporters

Three main areas of activity can help countries in Hemisphere to improve SMEs and to support the FTAA: elimination of Technical Barriers to Trade (T.B.T.); conformity assessment through Multilateral recognition agreements (M.R.A.); Accreditation. The Office of Science and Technology is actively involved in these areas:

**COPANT:** Pan American Standards Commission

SIM: Inter-American Metrology System

IAAC: Inter-American Accreditation Cooperation



## The Inter-American Metrology System

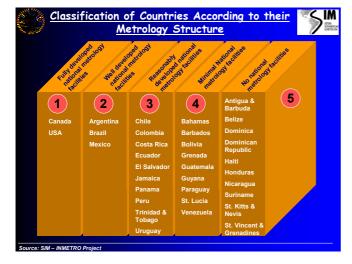
SIM is the Inter-American Metrology System, initiated in 1972, created as such in 1978 and reactivated in 1992.

SIM is essential for making the development of a free trade area in the Americas (FTAA) possible and to promote the use of the International System of Units (SI), always foreseeing new needs.



SIM resulted from a broad agreement among national metrology institutes from all 34 Member States of the OAS.

Created to promote international, particularly Inter-American, and regional cooperation in metrology, SIM, is committed to the implementation of a Global Measurement System within the Americas, in which all users can have confidence, ensuring uniformity of measurement.









## Mission of SIM

To promote and support an integrated measurement infrastructure in the Americas that ensures equity in the market place, improves the quality of life and facilitates international trade.

	<u>Exec</u>	utive (	Council Felice Urresta	SIM STREET
		President	INEN - Ecuador	
Armando Mariante INMETRO - Brasil	Former President	<b></b>	Technical Assistant NIST	B. Stephen Carpenter NIST -USA
Ismael Castelazo CENAM - Mexico	Technical Committee		Executive Secretariat OAS	Oscar Harasic OAS
Yoshito Mitani CENAM - Mexico	Professional Development Committee		Representative to the JCRB	Hratch Semerjian NIST -USA
ANDIMET	САМЕТ	CARIMET	NORAMET	SURAMET
José Dajes INDECOPI - Perú	Carlos Ochoa CONACYT - El Salvador	Hermon Edmondso JBS -Jamai		Luis Mussio LATU - Uruguay



- Raise standards of basic metrology in each country in the hemisphere.
- Contribute to the measurement infrastructure required to promote • equity in commercial transactions.
- Foster competitiveness and quality in the manufacturing sector in order to promote commercial transactions.
- Identify sectors and institutions that can conduct specific multinational activities in metrology support.
- Contribute to the metrological infrastructure required to protect the environment, to control the accelerated use of resources and to promote the general well-being of the population, including its health and safety.

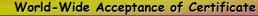


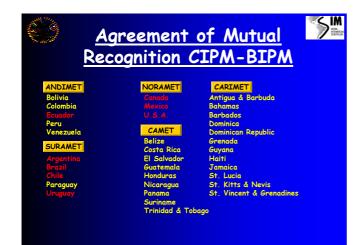
- Flow USA

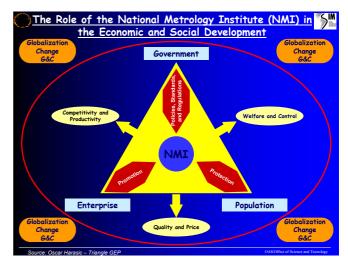


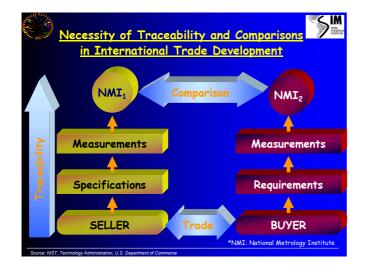


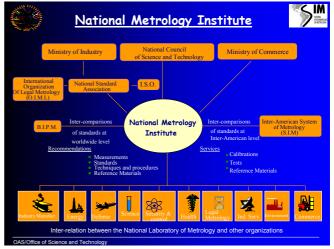












The Inter-American System of Metrology, Standardization, Accreditation, and Quality
No Quality without Quality Control
No Control without Measurement
No Measurement without Calibration
No Calibration without Accredited Laboratory
No Accredited Laboratory without Traceability
No Traceability without Measuring standards
No Measuring Standards without Metrology



