



2nd Scenario Building Workshop

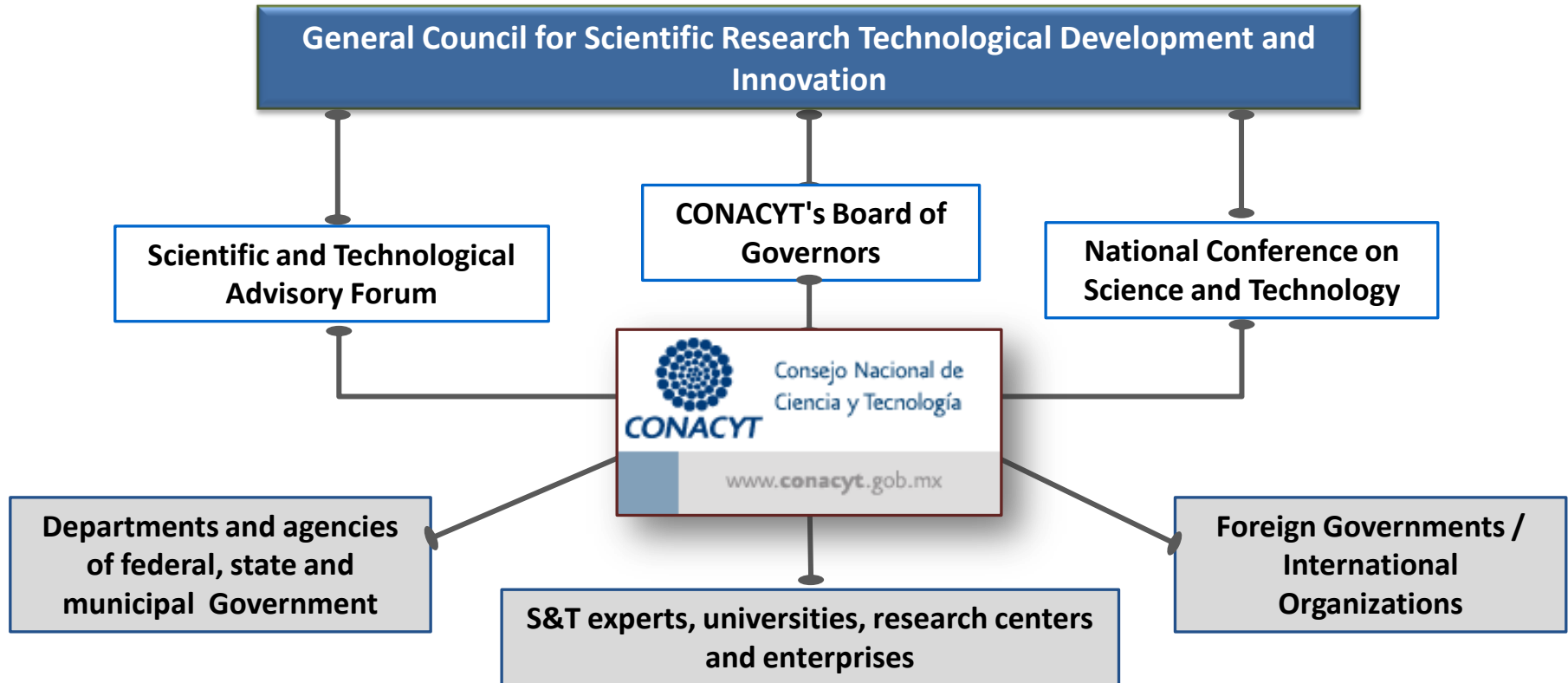
Experience on opportunities for mutually beneficial bi-regional cooperation

Case: Mexico



Héctor Sámano / April 12th 2013/ Rome, It.

Mexico's Science, Technology and Innovation System (NIS)



CONACYT's attributions



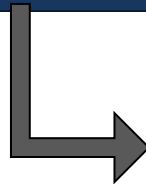
1. **Formulate and execute the national policy on science, technology and innovation;**
2. **Support scientific research and technological development and assist in the consolidation of research and innovation groups;**
3. **Promote innovation and technological development and strength technological capabilities of entrepreneurs and companies;**
4. **Advice federal government, state governments and local municipalities;**
5. **Promote international collaboration on scientific and technological cooperation.**

Special Plan for Science, Technology and Innovation 2013-2018 (under preparation)



Agreement for Economic Association, Political Dialogue and Cooperation between the European Union and Mexico (2000):

- Article 29: Science and technology



Agreement for Scientific and Technological Cooperation between the European Union and Mexico (2005-2015):

- Joint Steering Committee (decision body)

EU-Mexico Strategic partnership (2008)

- Promote the participation of the Mexican Innovation System's actors in the EU's Programmes such as the Framework Programmes for R&TD, and the Competitiveness and Innovation Framework Programme,
- Encourage an efficient way to promote joint calls and joint actions of collaborative projects in selected thematic areas...

CONACYT – European Commission, bilateral support for R&I



Since 2006 the EC + CONACYT jointly support their bilateral project (FP6+FP7)

- Support the EU-MX S&T Agreement's objectives
- Provide information about programs to promote cooperation between Mexico and EU R&I communities
- Foster formation of partnerships for project execution
- Visibility and dissemination activities
- Identification of common priorities thematic working groups and technical missions in areas of common interest
- Proposals for joint mechanisms (co-financing)



EU-LAC HEALTH has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 281459.



Specific activities to encourage EU-Mexico bilateral cooperation



Identification of research & innovation actors – thematic databases

Travel grants schemes – short stays in Europe

Training / coaching european project proposals

Dissemination and visibility activities

Help desk services (technical, administrative and financial)

Thematic working groups (TWGs) – common priorities



TWGs CONACYT – European Commission, bilateral support for R&I



**Nanoscience -
nanotechnologies -
NMP**

Mining sector

**Coordinated Call
(NMP WP 2009 –
CONACYT)**

Health
(Mexico, Australia, New
Zealand, Canada, USA)

Diabetes and
Obesity

**Program Level
Cooperation (Health
WP 2011 – CONACYT)**

**Food, agriculture,
biotechnology**
(Argentina - Mexico)

Food biodiversity

**Partnering Initiative
(KBBE WP 2013 –
CONACYT)**



Coordinated Call CONACYT –European Commission (7^o Framework Program)

“Adding Value to Mining at the nanostructure level”

- 11€ Million (5 CONACYT + 6 CE)
- Published July 2009: 11 proposal (+30 € Million)
- Outcomes: 4 medium scale projects; Mexican participation:
 - 6 Higher Educations Institutions
 - 8 Research Laboratories
 - **6 enterprises**

Program Level Cooperation – EC (7^o Framework Program)

- FP7 Health WP 2011 – issue a SICA call for proposals for scientific and technological research: Diabetes and Obesity
- CONACYT - **Sectorial Fund for Health Research and Social Security**, issued a call in December 2010:
 - National and **international peer evaluation** (Mexico and Spain)
 - **13 projects selected to be granted**, coordinated by high level Mexican research entities
 - **3 projects** attending the present EC – Diabetes / obesity event (Brussels 2012)
 - **FP7 Call (WP2013)** - Global initiative on gene-environment interactions in diabetes/obesity in specific populations

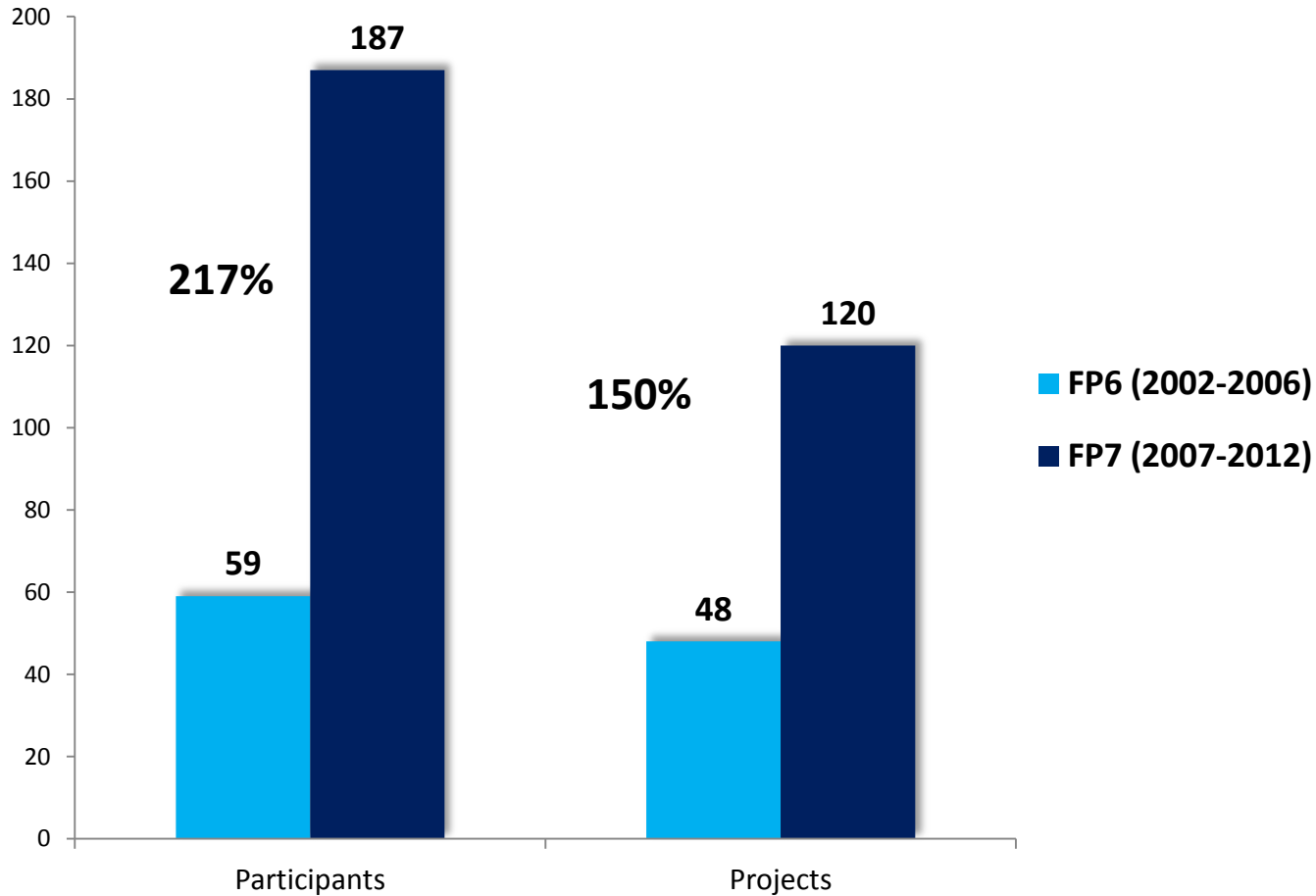
➤ EC 7FP + CONACYT:

- ***Coordinated call*** – Nanosciences / Nanotechnologies (5M Euros CONACYT) - 2009
- ***Program Level Cooperation*** – Health (2 M Euros CONACYT) - 2010
- ***Partnering Initiative*** - Food Biodiversity (1 M Euros CONACYT) - 2012
- ***ERA-net*** Social Sciences and Humanities (Horizon2020) – to be confirmed 2014

➤ EUROPEAID + CONACYT

- ***Joint trust fund*** – research and innovation projects ‘bottom-up’ (20 M Euros) - 2009

Mexican participation in the 7th Framework Programme



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Mexican participation in the 7th FP – by thematic area (2007 – 2012)



Thematic areas	No. projects	No. of participants	EC contribution to the projects	EC contribution Mexican entities
International cooperation	7	7	8,267,513	917,562
Research infrastructures	3	4	3,970,326	186,054
Science and society	1	1	999,224	56,304
Energy	2	5	4,356,242	822,231
Environment (including climate change)	9	15	33,313,342	2,558,058
Food, agriculture, biotech and fisheries	19	26	47,206,607	4,100,273
Health	6	7	16,615,977	1,499,748
Information and communication technologies	9	9	18,763,195	541,164
Nanosciences , nanotech & NMP	13	33	42,696,227	2,308,829
Social sciences and humanities	5	6	15,650,807	1,099,149
Space	2	4	4,999,558	245,010
Transport (including aeronautics)	2	2	4,532,456	325,931
Marie-Curie Actions	42	68		2,908,000
	120	187	205,128,689	16,668,313

Outcomes of the EU – Mexican research & innovation



- ✓ Access to high level networks of research and innovation, through the development of joint activities and projects
- ✓ Improve the results of the research in terms of its impact in society and the economy
- ✓ Mobility of high level human resources
- ✓ Increase presence and visibility of the Mexican science, technology development and innovation in Europe
- ✓ Contribute to increase the technological content of the industrial activity
- ✓ Raise funds for the support of R&I projects (leverage)



- ✓ Opportunities to access international markets (knowledge and commercial)
- ✓ Exchange of information, good practices and recommendations to enhance public policy, programmes and instruments...
- ✓ In a bi-regional scope (EU-LAC) to improve the coordination in the preparation and execution of collaborative R&I actions

CONTRIBUTE FOR THE SOCIAL AND ECONOMIC DEVELOPMENT... FACING GLOBAL CHALLENGES



Thank you...!!



Grazie...!!

Gracias...!!

Héctor Sámano

**Bureau for European Union – Mexico Cooperation in science,
technology and innovation**

National Council for Science and Technology - MEXICO