

# What Mexico is doing on innovation policy



## **Mexico at a glance**

**Institutional arrangement for innovation policy in Mexico**

**SWOT of Mexican Innovation Policy**

**Challenges for Innovation Policy**



- Mexico is a **federal, presidential, representative, democratic** republic
- The president is both head of state and head of government



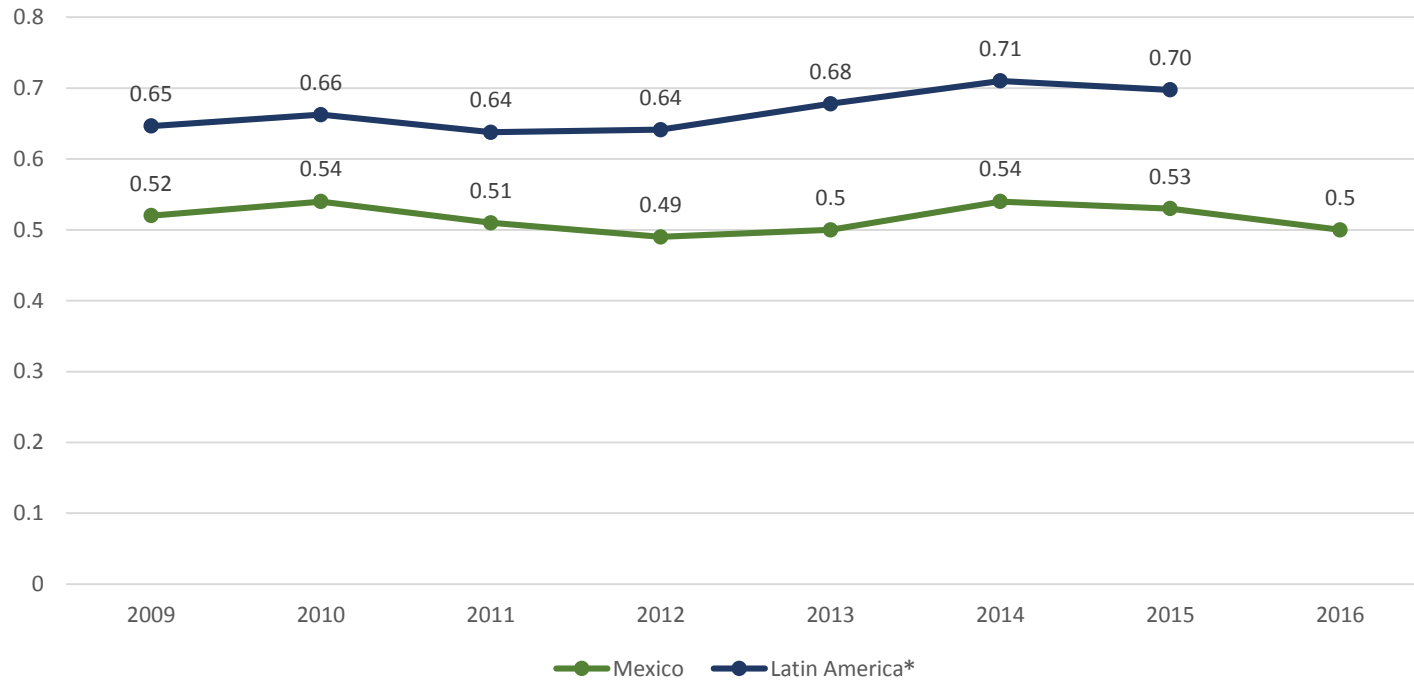
- Mexico's government has three branches: the **executive branch, legislative branch, and judiciary branch**
- There is provision for separation of powers, although each branch keeps the other in check



- **Each state** is governed by its **constitution and retains legislative rights and the right to levy taxes excluding interstate customs duties**
- **State governments can implement their own policies in a variety of topics, including innovation**

Source: Political Constitution of the United Mexican States.

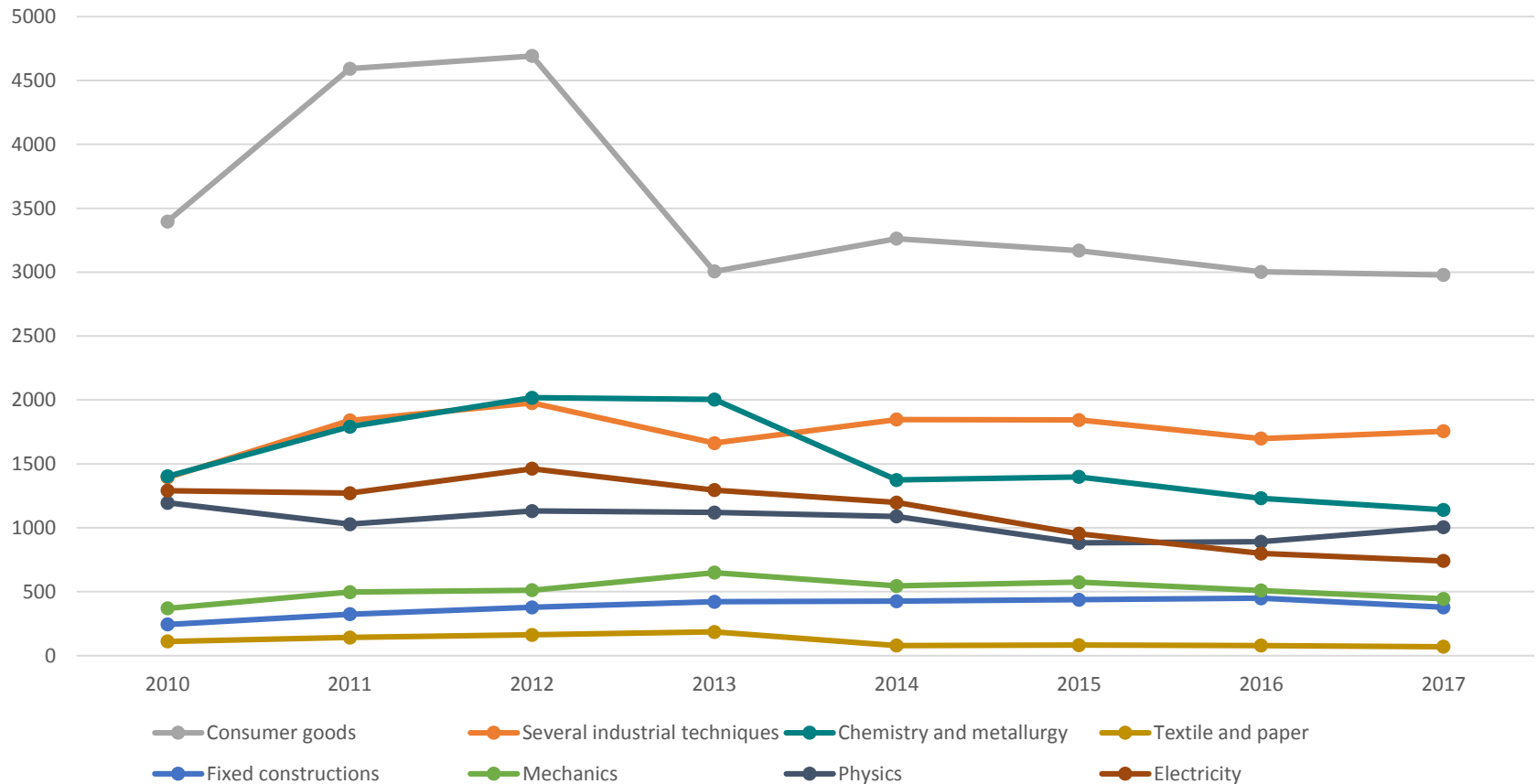
Gross domestic expenditure on R&D (GERD) as a percentage of GDP (2009 - 2016)



\* There is no data available for Latin America.

Sources: UNESCO, How much does your country invest in R&D. CONACYT, *Informe General del estado de la Ciencia, la Tecnología y la Innovación*. 2016.

## Granted patents by technological field (2010 - 2017)



Source: Political Constitution of the United Mexican States.

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# Institutional arrangement for innovation policy in Mexico

## MEXICAN SYSTEM OF SCIENCE, TECHNOLOGY AND INNOVATION

Coordinating councils

### CGIDTI - General Council for Scientific Research, Technological Development and Innovation

CII – Intersectoral  
Innovation  
Committee

CNCTI - National  
Conference on  
Science and  
Technology and  
Innovation

CONACYT  
National Council of  
Science and  
Technology

CCTI - Coordination  
of Science  
Technology and  
Innovation

### Autonomous National Agencies

FCCyT  
Consulting and  
Scientific Forum

Ministries

SE  
Ministry of Economy

SHCP  
Ministry of Finance

SEP  
Ministry of  
Education

NAFINSA  
National  
Development Bank

Institutes  
and Under  
Ministries

INADEM  
National Institute of  
the Entrepreneur

SIC  
Vice Ministry of Industry  
and Commerce

UPE  
Economic  
Productivity Unit

Relevant  
institutions

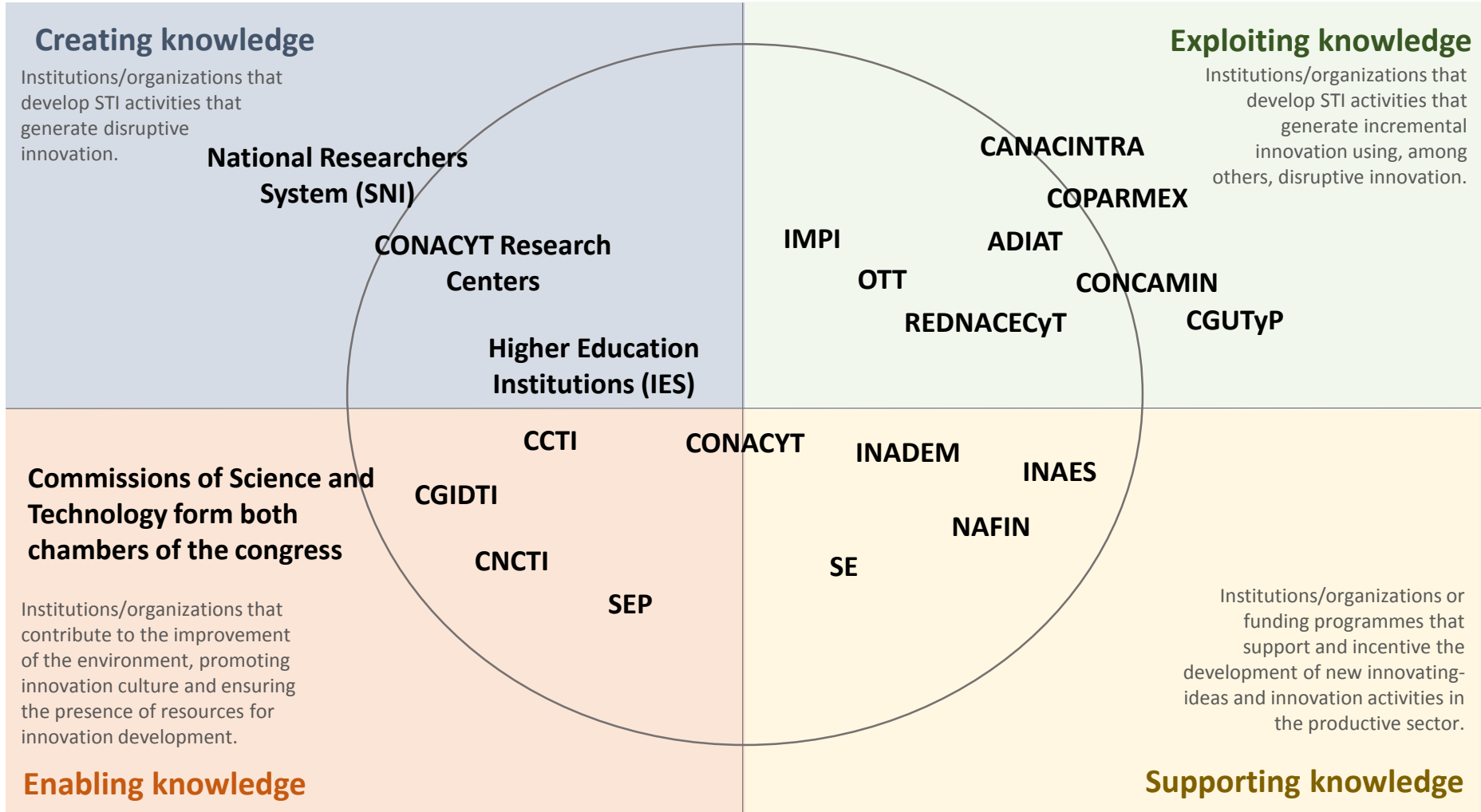
Accelerators  
Incubators  
Industrial chambers

OTT  
Technology Transfer  
Offices

Higher education  
institutions

IMPI  
Mexican Institute  
for Industrial  
Property

## Stakeholders in the Mexican Innovation Ecosystem





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# Challenges for the Mexican Innovation System

	Strengths	Weaknesses
Institutional framework	Mexico has strong institutions and regulations to boost innovation policy	The competence and experience of institutions is not reflected in the coordination between them
Human Capital/ Knowledge Assets	The country has a favorable environment for scientific research, the largest system of support in this area reflects steady growth	The incentives of the National System of Researchers, are not related to the development and commercialization of innovation
Funding	The offer of financial support for entrepreneurship and innovation is increasing	The funds available for research, generally have academic goals
Ecosystem Environment	The number of new businesses and the government's interest in them are increasing	The business environment is not the most efficient, so many new businesses must close in early stages
Broader Environment	The public and private sectors and the international environment are increasingly conducive to the development of innovation	There is no clear strategy to promote greater integration between business and universities, nor to achieve the decentralization of knowledge production

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# Challenges for the Mexican Innovation System



Make Innovation a government-wide priority



Promote a long term view



Make it a failure friendly policy. For both government and private sector



Take away innovation policy from researchers and academics



Promote private sector investment. Get away from a subsidy exclusive view of innovation policy

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