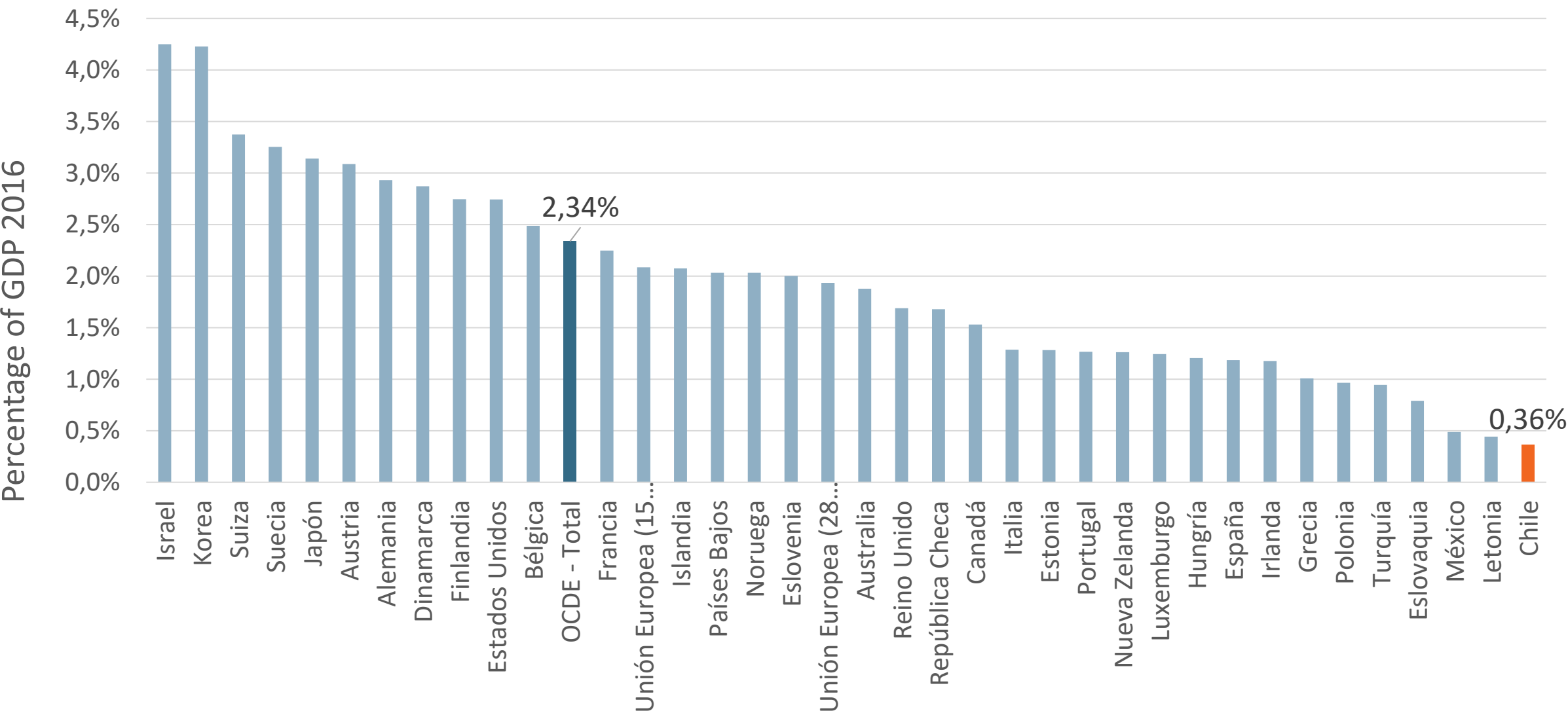


# NATIONAL AGENCY FOR RESEARCH AND DEVELOPMENT --- OF CHILE

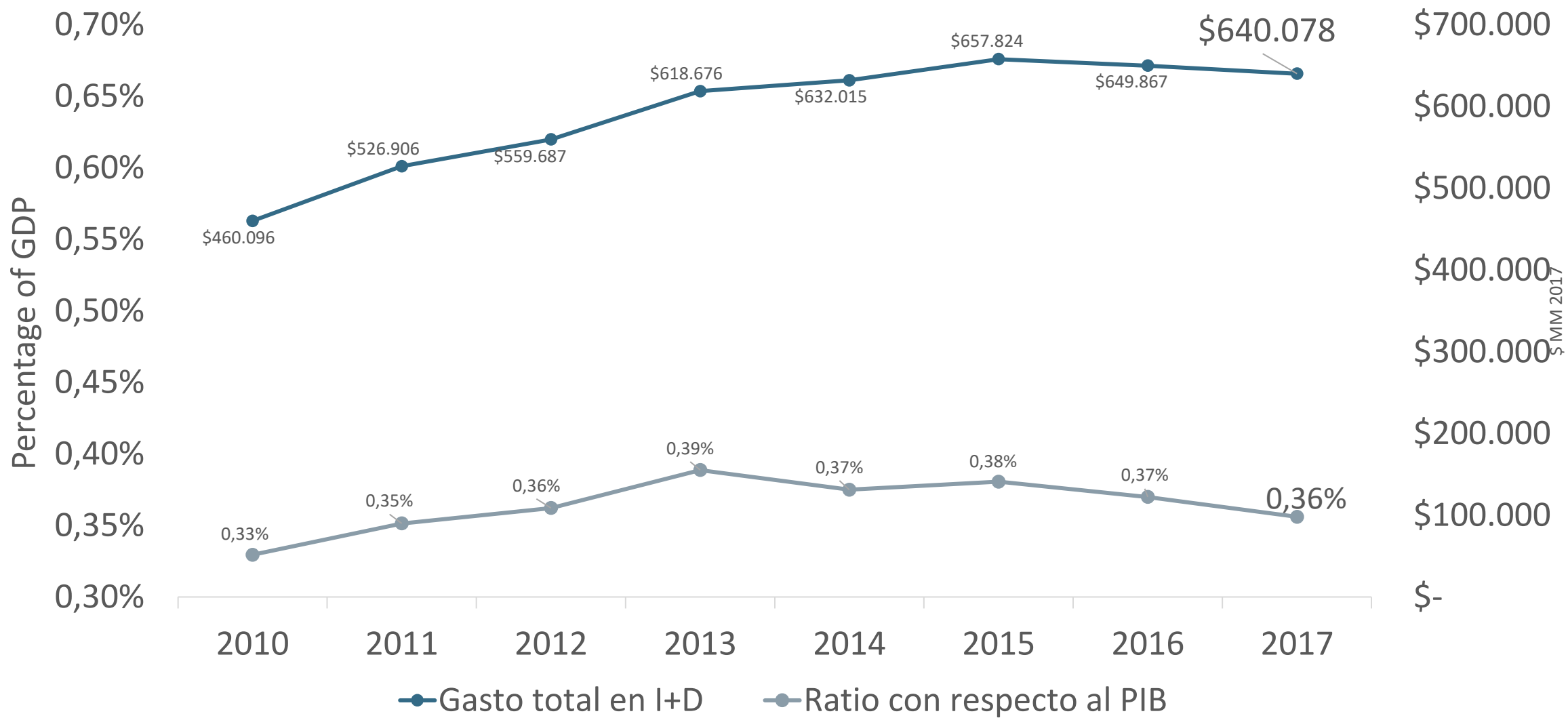
May 2022

# CHILE'S I+D INVESTMENT IS THE LOWEST AMONG OCDE COUNTRIES



• VIII National Poll on expenses and personnel on I+D (2017). Innovation Div. Minecon

# R&D SPENDING HAS REMAINED RELATIVELY STABLE



Fuente: Encuestas sobre gasto y personal en I+D años de referencia 2009 - 2010, 2011 - 2012, 2013, 2014, 2015, 2016 y 2017 Banco central de Chile; Nota: Dato 2017 es preliminar



# Ministry of Science, Technology, Knowledge and Innovation (MSTKI)

On August 13, 2018, **law 21.105** was enacted, creating the Ministry

On December 17, 2018, **the first Minister of Science** was appointed

## Why the Ministry was created:



### **SMALL AND FRAGILE STI SYSTEM**

Low investment in I+D, compare with other OECD countries. Small community of researchers.



### **DISPERSED AND FRAGMENTED SYSTEM**

Excessive use of horizontal instruments (not articulated with each other).



### **IRRELEVANCE OF THE STI POLICY AGENDA AND LACK OF SINGLE RESPONSIBLE**

Multiple policy and program managers in STI spread across ministries and services.

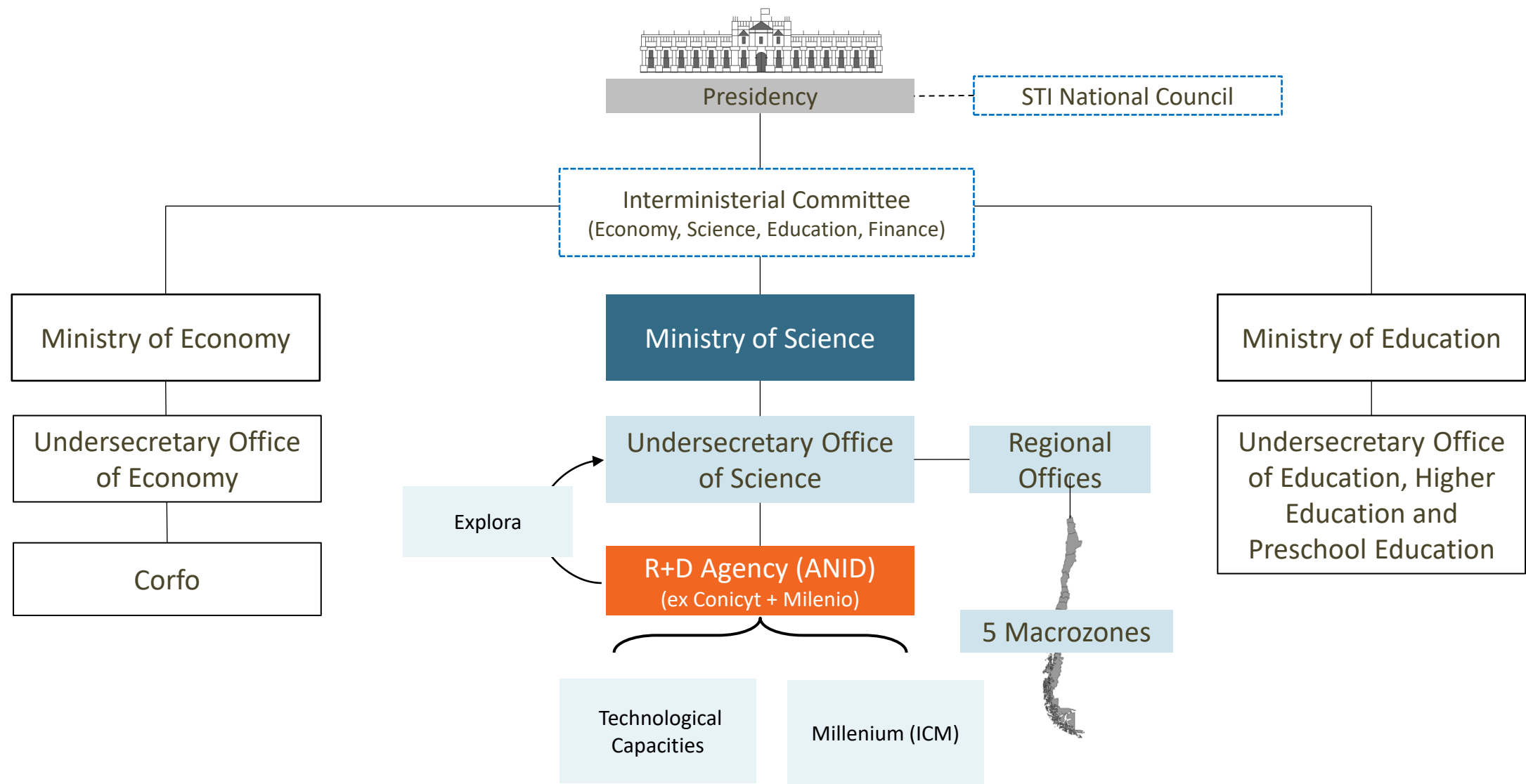


### **CENTRALIZED SYSTEM**



# NEW INSTITUTIONAL FRAMEWORK

Science and innovation related activities are handled by three ministries



# INTERNATIONAL DIMENSION

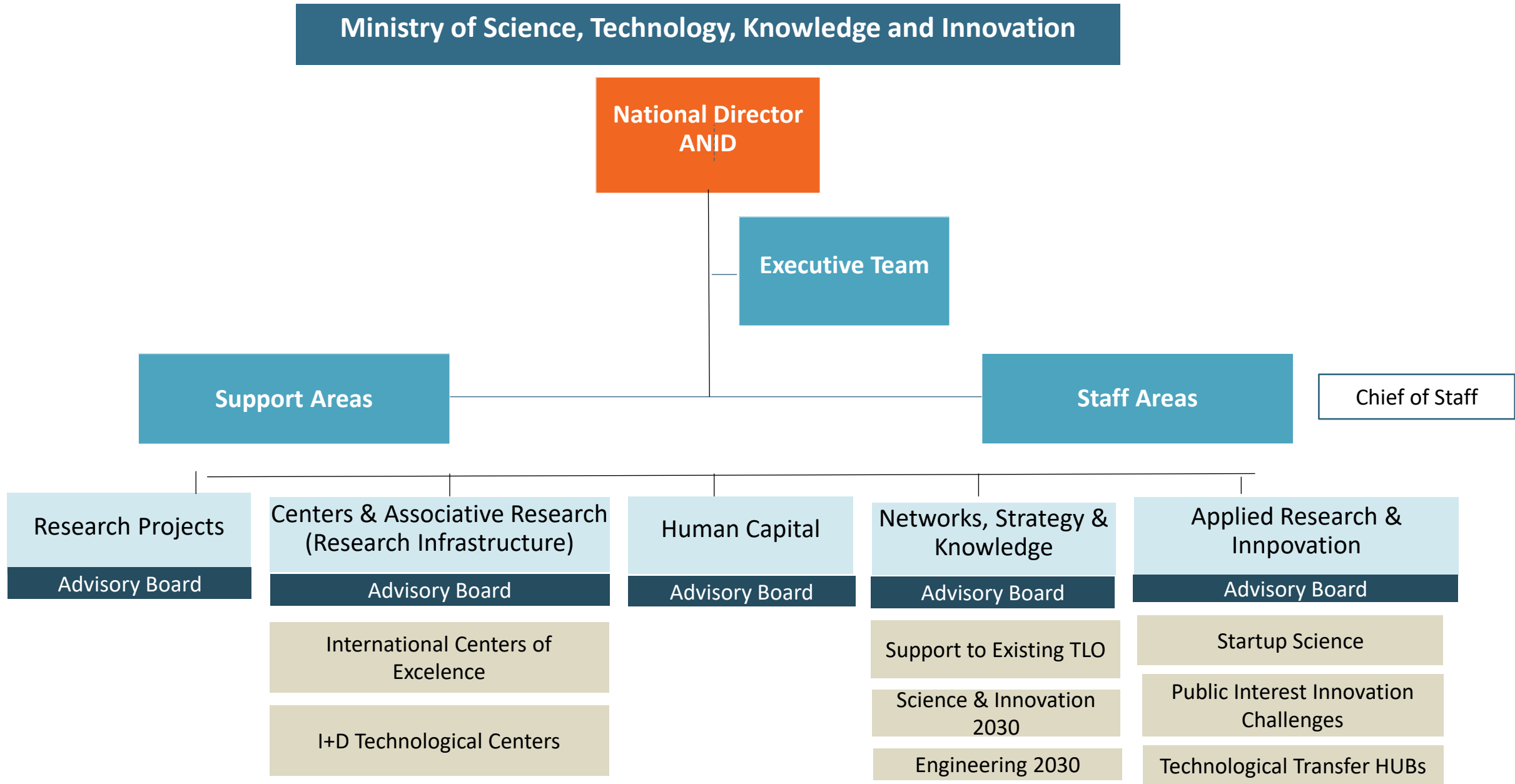
## Purpose:

Strengthen the internationalization of the Chilean STI ecosystem in close collaboration, coordination and articulation amidst its stakeholders.

- Internacional Elements in ANID's Instruments
- Bilateral and Multilateral Colaboration
- ANID's Strategic Areas



# NEW INSTITUTIONAL FRAMEWORK: THE AGENCY



# BILATERAL COOPERATION



国家自然科学基金委员会  
National Natural Science Foundation of China



## Chile-USA Application Calls

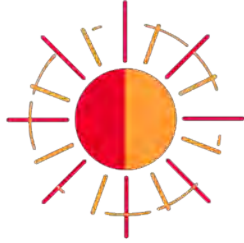


# MULTILATERAL COOPERATION



# INTERNATIONAL NETWORKS AND NATURAL LABORATORIES

An opportunity to be seized



Mayor radiación  
solar del mundo  
en el desierto de Atacama



3.094  
Islas e islotes



Cielos más claros  
del planeta  
reconocidos por su capacidad  
de observación astronómica



1.509  
Cumbres  
sobre los 4.000 msnm



Reserva de  
agua dulce  
es la tercera más  
grande del mundo



+270  
Termas



12.784  
Lagos y lagunas



90  
Volcanes  
activos

# OPEN ACCESS

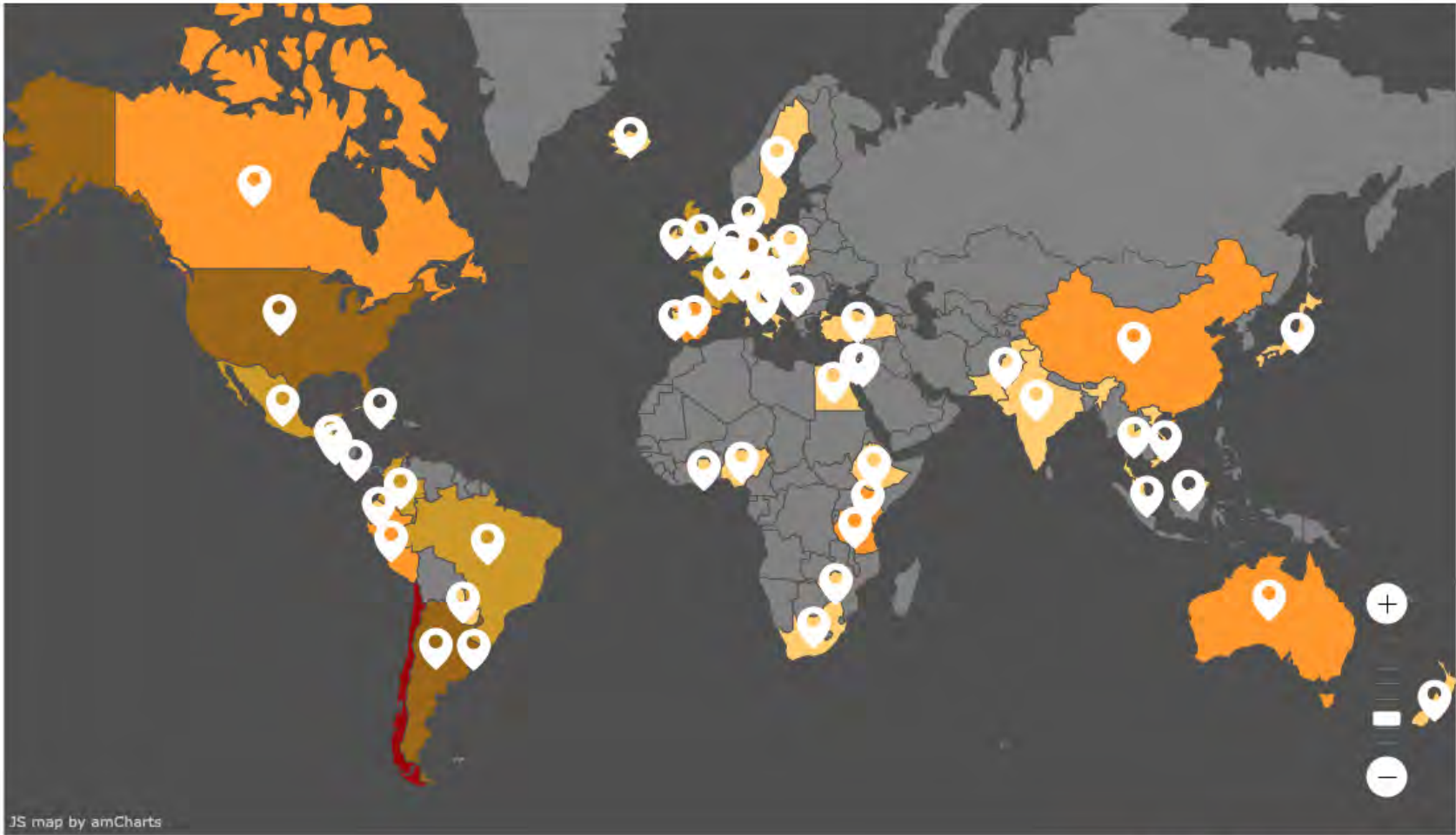
- Public consultation process to design a policy on Open Access to Science information and Research Data.
- +700 responses received Jun-Jul 2020.
- All knowledge generated via public funding must benefit the broad society.



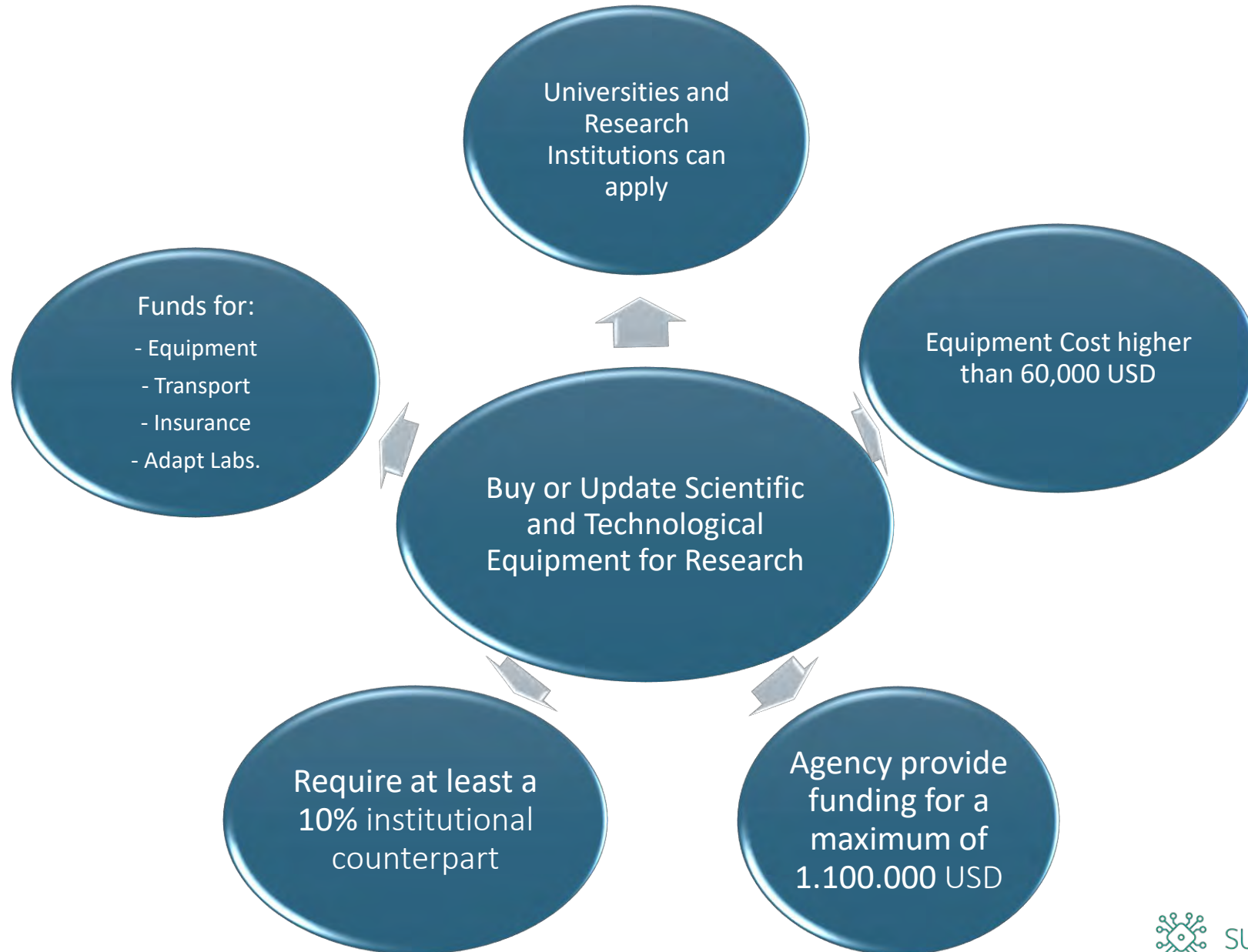


# Internacionalization

International Network of Millenium Institutes



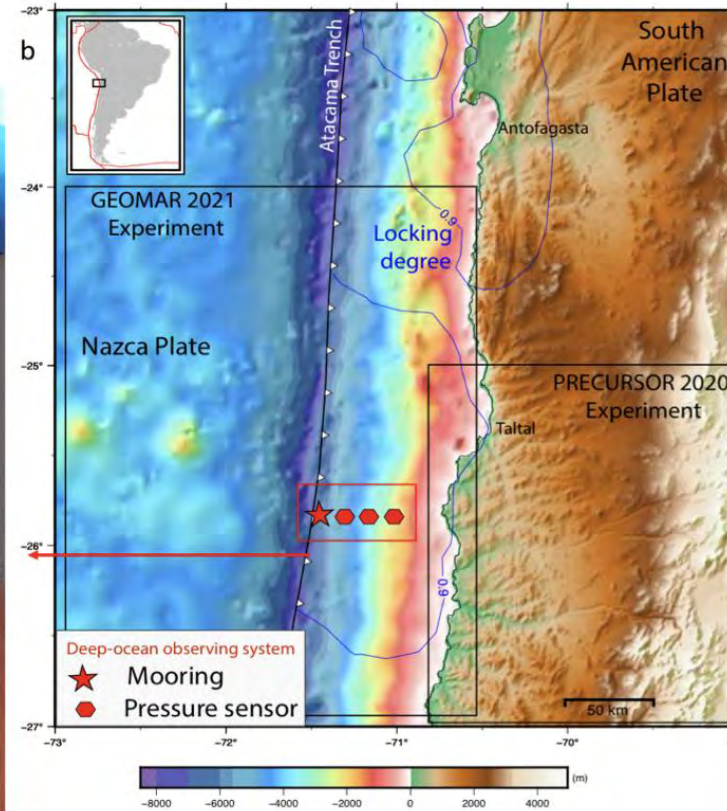
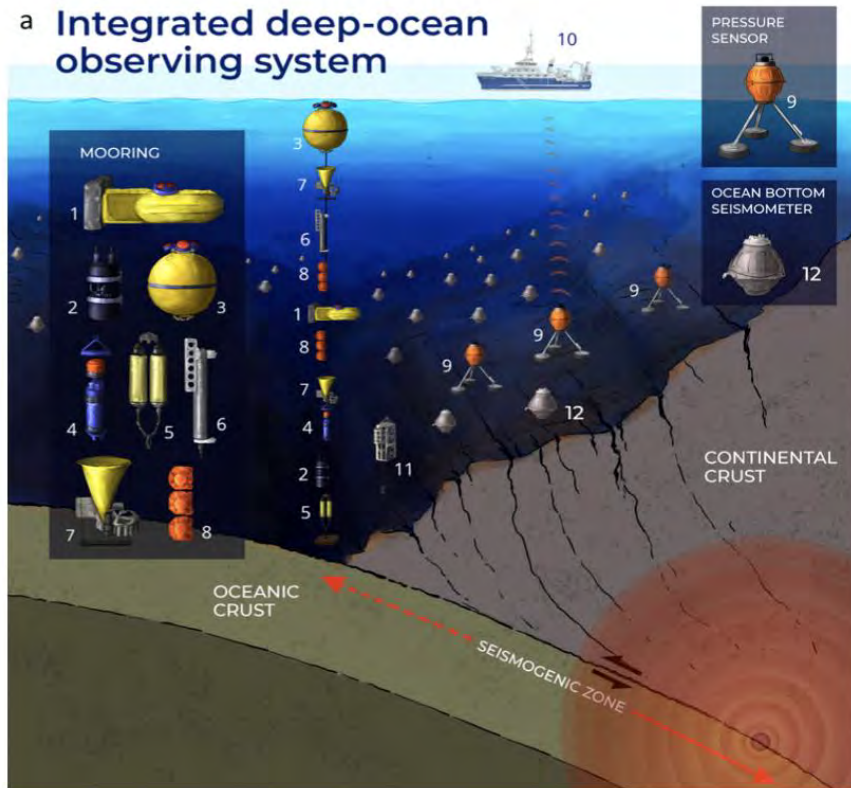
# Research Infrastructure Funds



# INTEGRATED DEEP-OCEAN OBSERVING SYSTEM

Agencia  
Nacional de  
Investigación  
y Desarrollo

a Integrated deep-ocean observing system



- Millenium Institute of Oceanography –IMO
- 4 Universities
- Over 1MMUSD



Thank you



**Agencia  
Nacional de  
Investigación  
y Desarrollo**

Ministerio de Ciencia,  
Tecnología, Conocimiento  
e Innovación

**Gobierno de Chile**



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