

Fostering Public Research-Business Collaboration

Key factors and main learnings from Spain

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The context

- Regulatory and strategical environment
- A new Science, Technology and Innovation Law

The public-private collaboration roadmap

- Current state diagnosis
- The roadmap

Conclusions and learnings

- Key learnings

Discussion

Spain's KT Roadmap

Ignacio García Fenoll

The context

- Regulatory and strategical environment
- A new Science, Technology and Innovation Law

The public-private collaboration roadmap

- Current state diagnosis
- The roadmap

Conclusions and learnings

- Key learnings

Discussion



Spain's KT Roadmap

Ignacio García Fenoll

The context

2

Regulatory and strategical environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion



Spain's KT Roadmap

Ignacio García Fenoll

The context

2 Regulatory and strategical environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

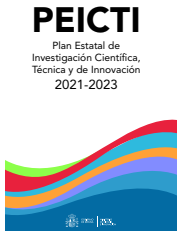
Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion



Spain's KT Roadmap

Ignacio García Fenoll

The context

2 Regulatory and strategical environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion



Spain's KT Roadmap

Ignacio García Fenoll

The context

2 Regulatory and strategical environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

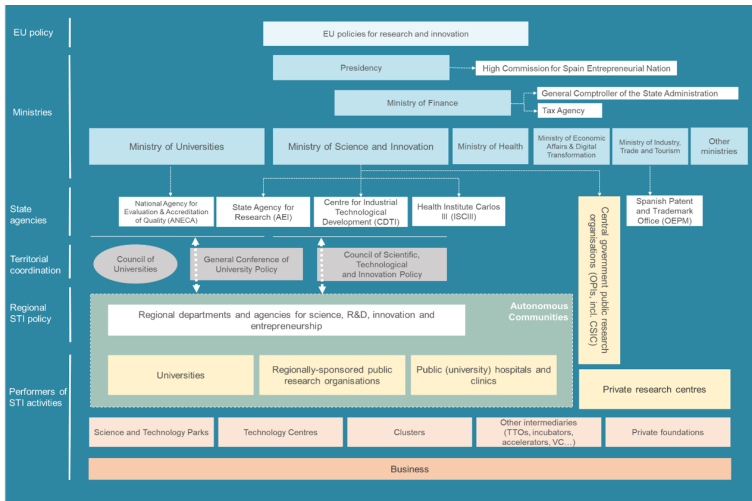
Conclusions and learnings

Key learnings

Discussion

Context

Spain, a complex system



Spain's KT Roadmap

Ignacio García Fenoll

The context

3

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion

Context

Spain, a multilevel system



Spain's KT Roadmap

Ignacio García Fenoll

The context

4

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion



Context

Spain, a multilevel system



Spain's KT Roadmap

Ignacio García Fenoll

The context

4

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion

Context

Spain, a multilevel system



Spain's KT Roadmap

Ignacio García Fenoll

The context

4

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion





POLÍTICA CIENTÍFICA

“Vamos a blindar por ley una financiación estable de la ciencia pública hasta el 1,25% del PIB”

La ministra Diana Morant anuncia una batería de medidas en la nueva Ley de Ciencia que aprobará el Consejo de Ministros esta semana, y que incluye la contratación de 12.000 nuevos científicos en tres años



CRISIS DE LA CIENCIA

El Gobierno aprueba su propuesta de reforma de la Ley de la Ciencia

El anteproyecto rectifica la polémica normativa que da menos sueldo a los científicos emigrados que vuelven a España y fija el objetivo de alcanzar una inversión pública del 1,25% del PIB en I+D+I



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion

A new STI Law

Individual incentives in HEI: KT acknowledgement



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

6 A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion

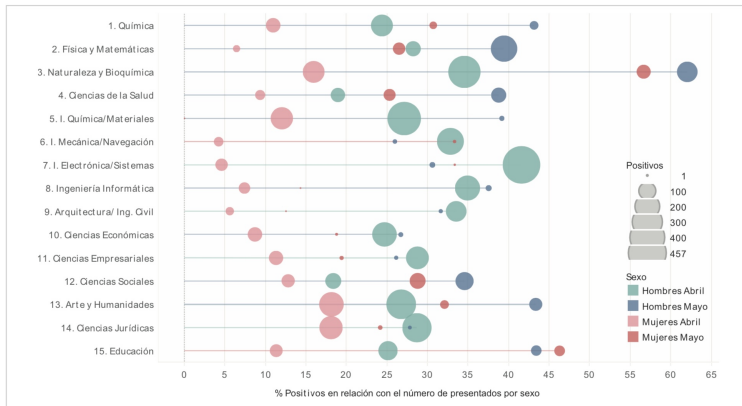


Figura 1. Distribución de sexenios de transferencia positivos (abril y mayo) según área y sexo

Main project objectives:

- Reach a shared and evidence-based understanding of the current **state of public research – business collaboration** & identify **priorities** for policy reform
- Develop a policy implementation roadmap with **concrete, evidence-based and actionable policy measures**, tailored to the Spanish context

Counterparts in Spain:

- Ministry of Science and Innovation & Ministry of Universities

Timeline:



The project

Current state diagnosis



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

8 Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

Discussion

Report builds on:

- **47 interviews with stakeholders, experts & policy officers (90+ participants)**
- **Data analysis**, indicators and available evidence
- Insights from kick-off meeting & **stakeholder workshop** (March 2021)
- Analysis of **international experiences**
- Evidence from 2 OECD **surveys**:
 - ✓ International Survey of Science (OECD-ISSA2021)
 - ✓ HEInnovate Leadership survey



Organisation for Economic Co-operation and Development

For Official Use

Directorate for Science, Technology and Innovation
Committee for Scientific and Technological Policy

DSI/STP/2021/16
English - Or English
22 September 2021

Knowledge transfer and collaboration between science and business in Spain
Diagnosis report: Assessment and recommendations

CSTP initial workshop, 27 September 2021

This document constitutes the draft diagnosis report output of the [“Roadmap to foster co-operation between universities, research and business in Spain”](#) project, conducted by the OECD in collaboration with the European Commission to support Spain’s Ministries of Science and Innovation and Universities. The project is funded by the EU Structural Reform Support Programme.

This report provides a detailed assessment of the state of knowledge transfer and collaboration between science and business in Spain, based on which it identifies a number of priority areas for reform and provides detailed recommendations. It builds on insights gathered during the stakeholder workshops that took place on 10-11 March 2021, 47 in-depth interviews with stakeholders conducted between October 2020 and May 2021, with a total of more than 90 participants, desk-based analysis of existing reports, data and indicators, experiences in other European countries, as well as evidence from two OECD surveys: the International Survey of Science (ISSA 2021) and the HEI Leadership Survey.

This document is circulated for feedback from interested delegates in the CSTP and its working parties and as background reading to the online workshop “Crafting international experiences to support science-business collaboration in Spain” that will take place on 27 September 2021.

[DSI/STP/2021/16](#): A revised version of this document will be submitted to the CSTP for discussion at its October meeting.

[PDR 1.1.2.6.2 Innovation Policy Reform Implementation Actions](#)

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This document, as well as any data and maps included herein, are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

The project

A roadmap to foster public-private cooperation in Spain's Science and Innovation System



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

9 The roadmap

Conclusions and learnings

Key learnings

Discussion

1. Put in place stronger foundations for all STI policy (resources and policy frameworks)

2. Reform **governance systems** for enhanced autonomy and accountability in the PSR

3. Implement effective personal and institutional **incentives** in PSR

4. Nurture a healthy and professionalised **knowledge intermediary system**

5. Support **business capacities** to innovate and exchange

6. Invest in **implementation, monitoring and analysis** capacities

Conclusions

Lessons learned and transferable elements



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

10 Key learnings

Discussion

- ▶ Include transfer strategies in funding programs.

Conclusions

Lessons learned and transferable elements



- ▶ Include transfer strategies in funding programs.
- ▶ New regulation for intermediaries (KTO) and institutional incentives.

Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategical environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

10 Key learnings

Discussion

Conclusions

Lessons learned and transferable elements



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

10 Key learnings

Discussion

- ▶ Include transfer strategies in funding programs.
- ▶ New regulation for intermediaries (KTO) and institutional incentives.
- ▶ Strengthen interest groups for designing the needs of funding, and showing the importance of KT.

Conclusions

Lessons learned and transferable elements



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

10 Key learnings

Discussion

- ▶ Include transfer strategies in funding programs.
- ▶ New regulation for intermediaries (KTO) and institutional incentives.
- ▶ Strengthen interest groups for designing the needs of funding, and showing the importance of KT.
- ▶ Engage your regional and local governments in KT actions.

Conclusions

Lessons learned and transferable elements



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategic environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

10 Key learnings

Discussion

- ▶ Include transfer strategies in funding programs.
- ▶ New regulation for intermediaries (KTO) and institutional incentives.
- ▶ Strengthen interest groups for designing the needs of funding, and showing the importance of KT.
- ▶ Engage your regional and local governments in KT actions.
- ▶ Offer further education for more professionalization of KT.

Any questions?

Contact me



Spain's KT Roadmap

Ignacio García Fenoll

The context

Regulatory and strategical environment

A new Science, Technology and Innovation Law

The public-private collaboration roadmap

Current state diagnosis

The roadmap

Conclusions and learnings

Key learnings

11 Discussion

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Grazie mille!

