



Interreg

España - Portugal

IMPACT RIS3T

Fondo Europeo de Desarrollo Regional
Fundo Europeu de Desenvolvimento Regional



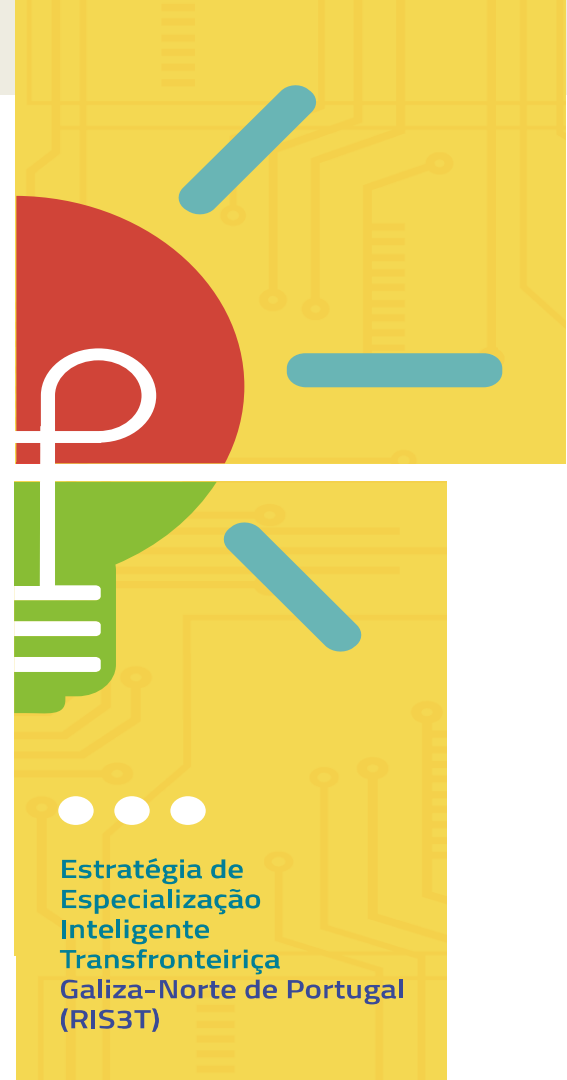
UNIÓN EUROPEA
UNIÃO EUROPEIA



RIS3T Galicia-Região Norte

Horizon Europe: information and funding opportunities

Javier García Serrano, CDTI May 11th 2021



Estratégia de Especialização Inteligente Transfronteiriça Galiza-Norte de Portugal (RIS3T)



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- **The Framework Programme in figures**
- FP management in Spain
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The Framework Programme at a glance

It is based on excellence

Any type of entity can participate

There is a high aid intensity in the form of grants

With a couple of exceptions, participation is through consortia

Participation is complex

It is very competitive, success rates are low.

Highly specialised support services are needed

Horizon 2020 (2014-2020) in figures*

Total allocated € 63,990 m (EU28 € 57,760 m)

Portugal € 1,074 m

Private for profit 293 m

Higher/Sec. Education 282 m

Research Organization 411 m

Public body 54 m

Others 31 m

España € 5,942 m

Private for profit 2,038 m

Higher/Sec. Education 1,261 m

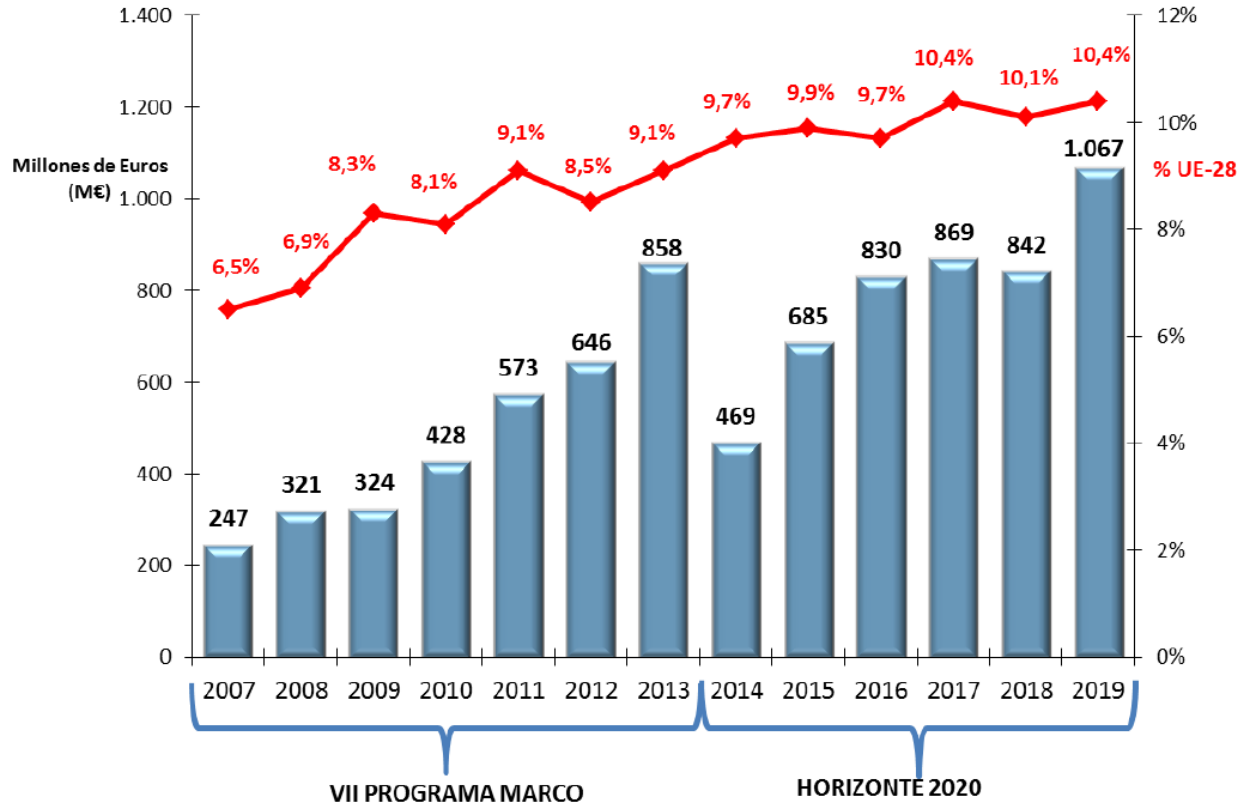
Research Organization 2,200 m

Public body 282 m

Others 161 m

Grants obtained by Spanish entities in the Framework Program (Provisional results 2014-2019*)

Funding commitments to Spanish entities in proposals for calls for proposals awarded each year



FP has become, in Spain, the main source of competitive R&D funding

Joint participation between Portugal and Spain (Provisional results)

- ✓ During this period there are 1,232 projects funded with Spanish-Portuguese participation.
- ✓ 50% of the total subsidy obtained by Portugal (€ 534 m) in H2020 and 20% by Spain (€ 1,134 m) correspond to these projects with joint participation.
- ✓ 405 of these projects (33%) are coordinated by Portuguese (114) and Spanish (291) entities.
- ✓ The best participation is in Manufacturing and Materials; MSCA, ICT; Energy and Bioeconomy.

Theme	Total Projects	H2020 contribution (€m)	Spanish Coordinators	Spanish Partners	H2020 contribution (€m)	Portuguese Coordinators	Portuguese Partners	H2020 contribution (€m)
NMBP (including PPP)	120	839,2	40	263	166,8	11	107	67,7
MSCA	112	261,9	28	138	49,2	22	93	38,2
ICT (including PPP/JTI)	127	1.029,5	29	266	131,4	9	120	59,9
Bioeconomy (including JTI BBI)	149	998,5	31	254	118,9	5	117	53,7
Energy (including JTI Hydrogen)	109	716,1	27	179	129,2	9	91	67,2
Climate Accion	88	604,8	23	203	96,1	6	86	42,6
Salud (including JTI IMI)	104	962,6	20	156	111,4	7	83	52,2
Transport (including PPP/JTI)	65	549,3	16	135	80,9	6	71	30,0

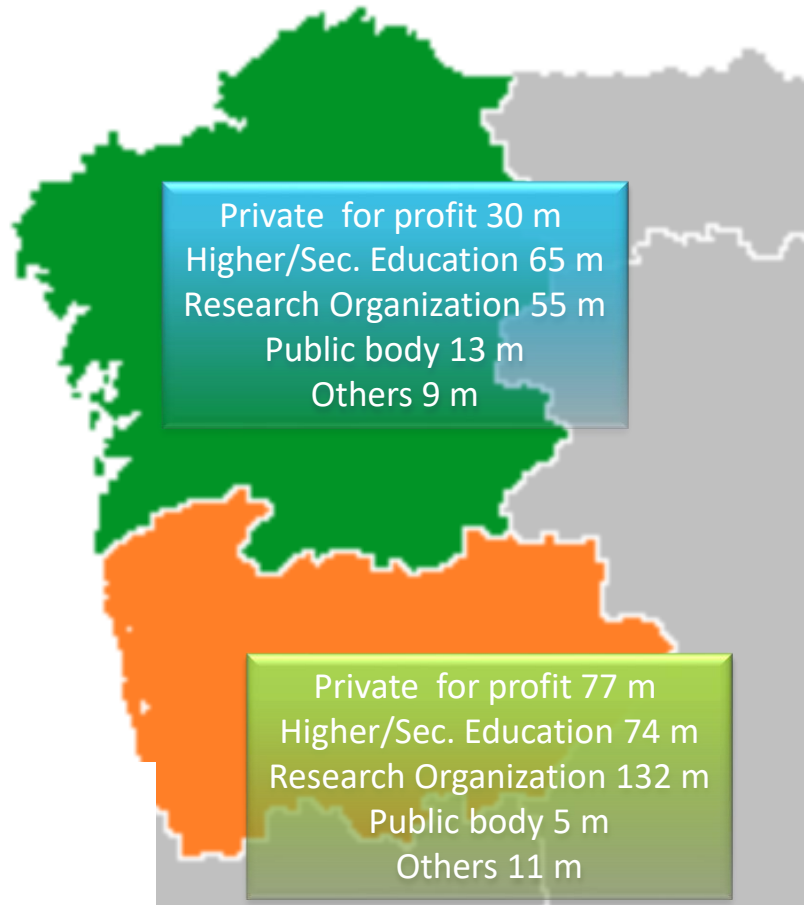
Norte P + Galicia € 472 m

Galicia € 173 m

commerce big data
fisheries 5g
ecosystems
sensors cancer software lipids
film aircraft rna

Norte P. € 299 m

commerce composites textiles
big data
sustainable development 5g
business model ecosystems sensors dna
governance enzymes robotics



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R&I public funding in Spain

NATIONAL LEVEL

POLITICAL
LEVEL



OPERATIVE
LEVEL



€ 832 M(2019)
business

€ 771* M(2018)
Non-profit

*€ 350 M Competitive R&D

REGIONAL LEVEL (CC AA)



CDTI in a nutshell

CDTI is a 100% public entity (Public Business Entity according to Spanish Law) under the Ministry of Science and Innovation that operates as the Spanish innovation agency.

Main activities

- **Funding of business research and innovation projects**
- **Management of Spanish participation in European and International R&I programs and technology contracts**
- **Others (Innovative Precompetitive Public Procurement, Technological Venture Capital)**

FP management in Spain

POLITICAL LEVEL



MANAGEMENT LEVEL



Representatives

Experts

NCP

NCP

NCP

PARTICIPANT LEVEL



The main players involved in the process...

Policy making: MINISTRY



FP management in Spain: OE/CDTI



R&I funding: AEI/CDTI/ISCIII



are (almost) all under the same umbrella

PRESUPUESTO HORIZON EUROPE 95.517 MEUR*

PILAR 1 – CIENCIA EXCELENTE	25.011	PILAR 2 - RETOS MUNDIALES Y COMPETITIVIDAD INDUSTRIAL EUROPEA	53.516	PILAR 3 – INNOVACIÓN ABIERTA	13.597
ERC - Consejo Europeo de Investigación	16.004	Clúster 1 - Salud	8.246	EIC- Consejo Europeo de Innovación	10.105
MSCA - Acciones Marie Skłodowska-Curie	6.602	Clúster 2 - Cultura, creatividad y sociedad inclusiva	2.280	Ecosistemas de innovación europea	527
Infraestructuras de investigación	2.406	Clúster 3 - Seguridad	1.596	EIT - Instituto Europeo de Innovación y Tecnología	2.965
		Clúster 4 - Digital, industria y espacio	15.349		
		Clúster 5 - Clima, energía y movilidad	15.123		
		Clúster 6 - Alimentación, bioec. recursos naturales, agricultura y MA	8.952		
		JRC – Centro Común de Investigación	1.970		

Ampliar la Participación y Fortalecer el Espacio Europeo de Investigación	3.393
Ampliar la participación y difundir la excelencia	2.955
Reformar y mejorar el sistema europeo de la I+i	438

Gestión OE-FECYT/MCINN
Gestión CDTI

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CDTI has accumulated experience of over 30 years in the management and promotion of Spanish participation in the FP

Full-time professional managers: 29 people working in Madrid and Brussels as representatives, NCP and experts.

Management independence. No conflicts of interest arising from participation in projects

Great experience in international and domestic environments: multidisciplinary team with a good knowledge of the national RTD&I system

Open management and networking: Service is provided to all types of participating entities. Support to all departments of the Spanish Government.

Operational autonomy supporting specialized services: logistics, information technology, legal, personnel, etc.

National Contact Points

Providing advice to participants throughout the life cycle of proposals: analysis and early detection of opportunities, guidance on the calls, proposals screening, partner search, assistance in the negotiation and implementation of projects.

Selective Promotion : Organization and participation in workshops, seminars, conferences, etc.

Training: Organization of specific seminars and courses. Participation in postgraduate courses. Development of guidelines for participation

Active information dissemination service: generation of content for the website, distribution lists, CDTI publications

Aspects of CDTI's Strategy

- ✓ Raising awareness
- ✓ Building capacities and skills
- ✓ Looking for newcomers and giving support to the proposers
- ✓ Creation and maintenance of participant support structures

List of activities to promote and support participation offered by CDTI

- ✓ Manager **training**
- ✓ **Financial and technical support** in postgraduate courses for managers training (UPM)
- ✓ Training Course at **SOST-CDTI Brussels**
- ✓ **Seminars** for European projects advisors
- ✓ Financial **assistance** for FP proposals preparation (APCs)
- ✓ European Projects **Offices** (OPE)

These low-cost measures have created an important community of European project managers.

A “market” of experts in FP has been developed

- ✓ Other measures
 - Framework Program **Annual Conference**
 - **Horizon Europe** online launch events in all regions
 - **Annual reception** in Brussels for Spanish R&D staff of the Commission.
 - **Inhouse** Forums
 - + + + ... **National and Regional Infodays.**

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Conclusions

- The Framework Programme is a great opportunity to fund R&D based on excellence.
- Its complexity requires support to participants from specialised services.
- The current management model in Spain offers a support service through NCPs for all types of entities in all programmes.

and why?

