

A large, teal-colored oval graphic that encircles the word 'Inndromeda'.

# Inndromeda

**Aliança Technologies Innovadores  
Comunitat Valenciana**

## **DIH Workshop**

December 14th, 2021

# What we are?



**Inndromeda** is the Alliance for Key Enabling Technologies in the Valencia region.

A **not-for-profit association**, an incorporated legal entity.

A singular **private-public initiative**, gathering the business sector, universities, technological institutes and research centres with the support of the public administration.

# Who we are?



## Funded by



## Private sector



## Technological Institutes



## Universities and Research Organizations



# Mission and impact



Our mission is to pave the way, for any company from any sector in the Valencia region, **to access the Key Enabling Technologies** that are shaping today and future economy and society.

Our expected impact is to make **our companies more competitive** and **our public sector more efficient**.

# Key Enabling Technologies (1)



**Knowledge-intensive technologies**, inducing innovations in multiple economic sectors

They could potentially **disrupt the economy and society** in the coming years.

They are characterized by a **high degree of R&D**, rapid innovation cycles, high capital investment -infrastructure, equipment, or R&D personnel-, and by **combining physical and digital elements**.

# Key Enabling Technologies (2)



- Artificial Intelligence and Computing
- Advanced Industrial Technologies
- Cyberconnectivity and Cybersecurity
- Microelectronics, Nanoelectronics and Photonics
- Biotechnology and Life Sciences
- Advanced Materials and Nanotechnology

# Some context (1): Valencian Innovation Ecosystem



## Multiplicity of agents

- Greater representativeness and capillarity
- Complex coordination

## Limited resources to invest in innovative technologies

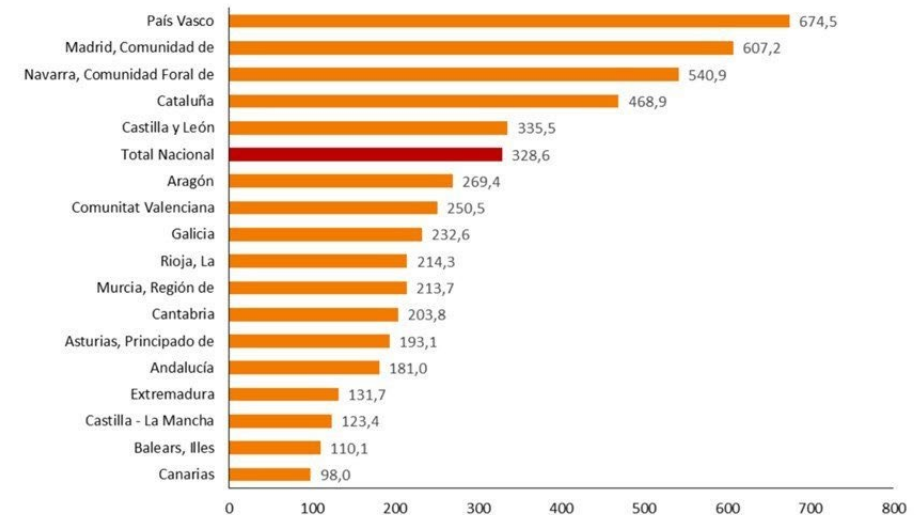
## High volatility and uncertainty

el gráfico de la semana

bbk behatokia 

Gasto en I+D interna por habitante

Comunidades Autónomas, 2020



Fuente: INE

www.bbk-behatokia.com | semana 48 - 2021

# Some context (2): Competition

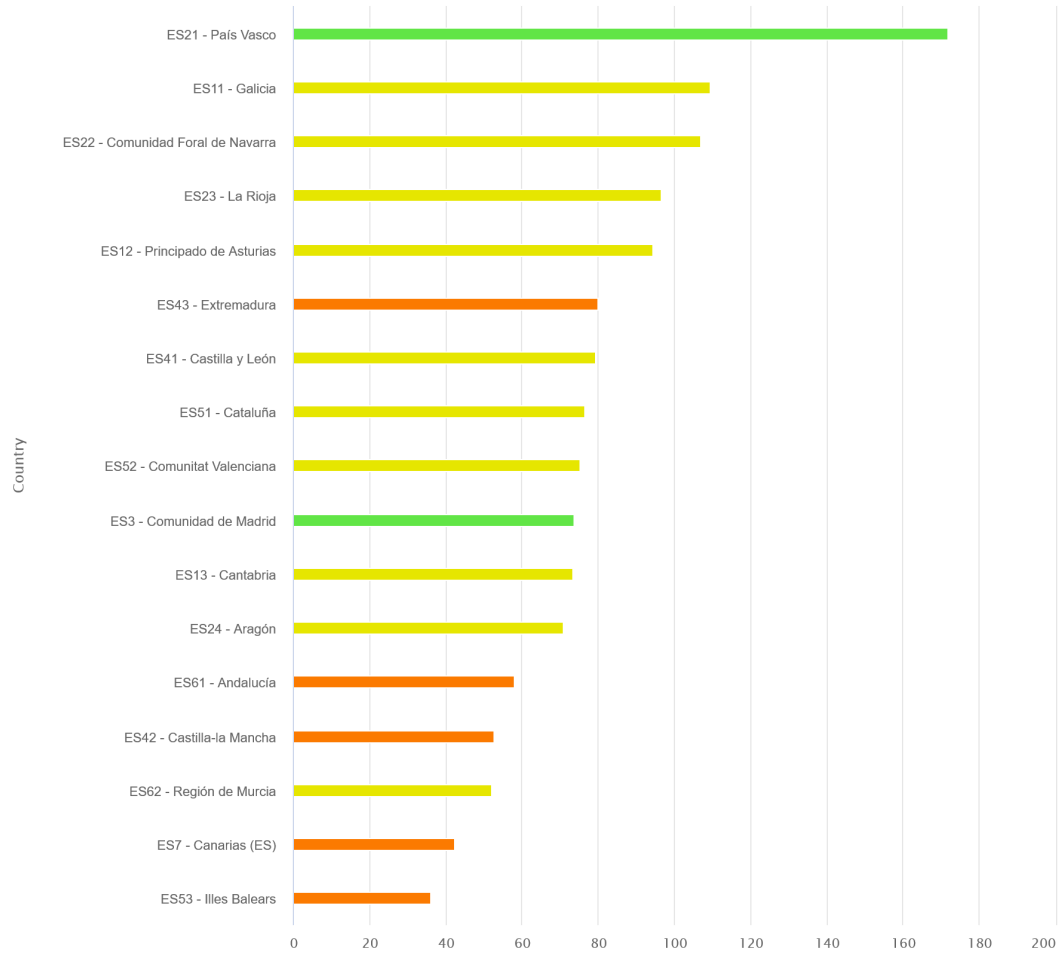
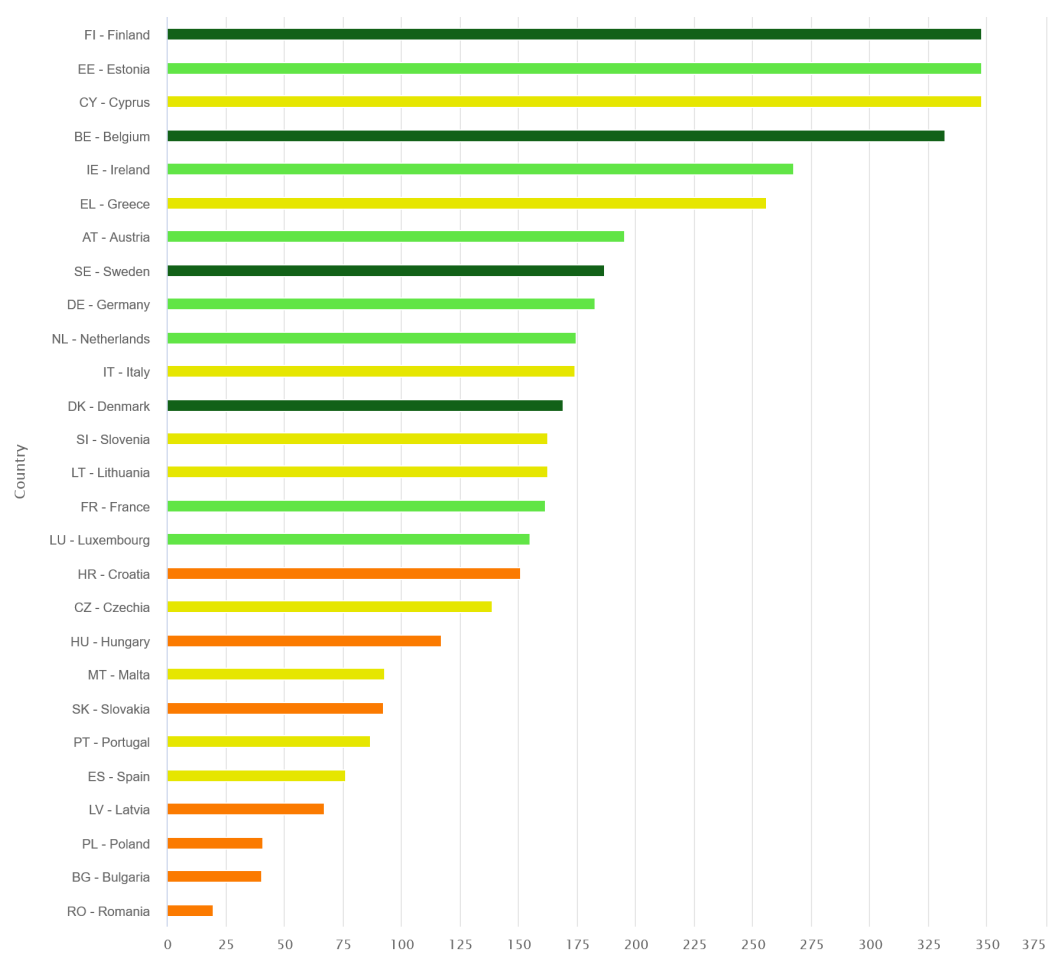


NUTS	Ranking	RII	Rank	Group	Change
ES11	Galicia	78.9	156	Moderate -	16.0
ES12	Principado de Asturias	73.7	166	Moderate -	8.9
ES13	Cantabria	73.5	168	Moderate -	9.5
ES21	País Vasco	103.6	93	Strong -	14.7
ES22	Comunidad Foral de Navarra	98.1	114	Moderate +	17.5
ES23	La Rioja	80.7	150	Moderate	7.9
ES24	Aragón	80.9	148	Moderate	9.1
ES3	Comunidad de Madrid	101.0	100	Strong -	13.7
ES41	Castilla y León	76.9	160	Moderate -	17.4
ES42	Castilla-la Mancha	64.4	183	Emerging +	12.3
ES43	Extremadura	61.1	188	Emerging +	14.1
ES51	Cataluña	98.9	108	Moderate +	16.9
<b>ES52</b>	<b>Comunitat Valenciana</b>	<b>91.3</b>	<b>128</b>	<b>Moderate +</b>	<b>18.3</b>
ES53	Illes Balears	67.4	178	Emerging +	9.9
ES61	Andalucía	67.5	177	Emerging +	10.6
ES62	Región de Murcia	76.3	161	Moderate -	17.5
ES63	Ciudad de Ceuta	33.6	231	Emerging -	4.2
ES64	Ciudad de Melilla	40.6	226	Emerging	12.5
ES7	Canarias	48.8	216	Emerging	10.7

According to the Regional Innovation Scoreboard 2021 of the European Commission, **Valencian Community** has shown **the biggest improvement (18.3%)** in the period 2014-2021, among Spanish regions.



# Some context (3): Collaboration



SMEs collaborating with others (Source: EIS 2021)

# Our goals (1)



Facilitate **coordination and collaboration** between agents, products, services and infrastructures related to enabling technologies to solve current and future challenges.

Bringing these technologies closer together through **realistic and advanced demonstrators**.

Improve knowledge and skills training for the use of these technologies.

## Our goals (2)



Provide companies with **controlled spaces for testing and experimentation**, which allow validation prior to investment.

Provide companies with **access to financing** for the development of research and innovation projects.

To **act as a Digital Innovation Hub** of reference and representative of the Valencian Community, a “one-stop shop” for all the necessary resources to successfully face the digital transformation.

# Our activities



Long-Term Planning and Capacity Building

Networking Technological Testbeds and Innovation Sandboxes

Defining Collaboration-enabled Innovation Services

Training in Key Enabling Technologies

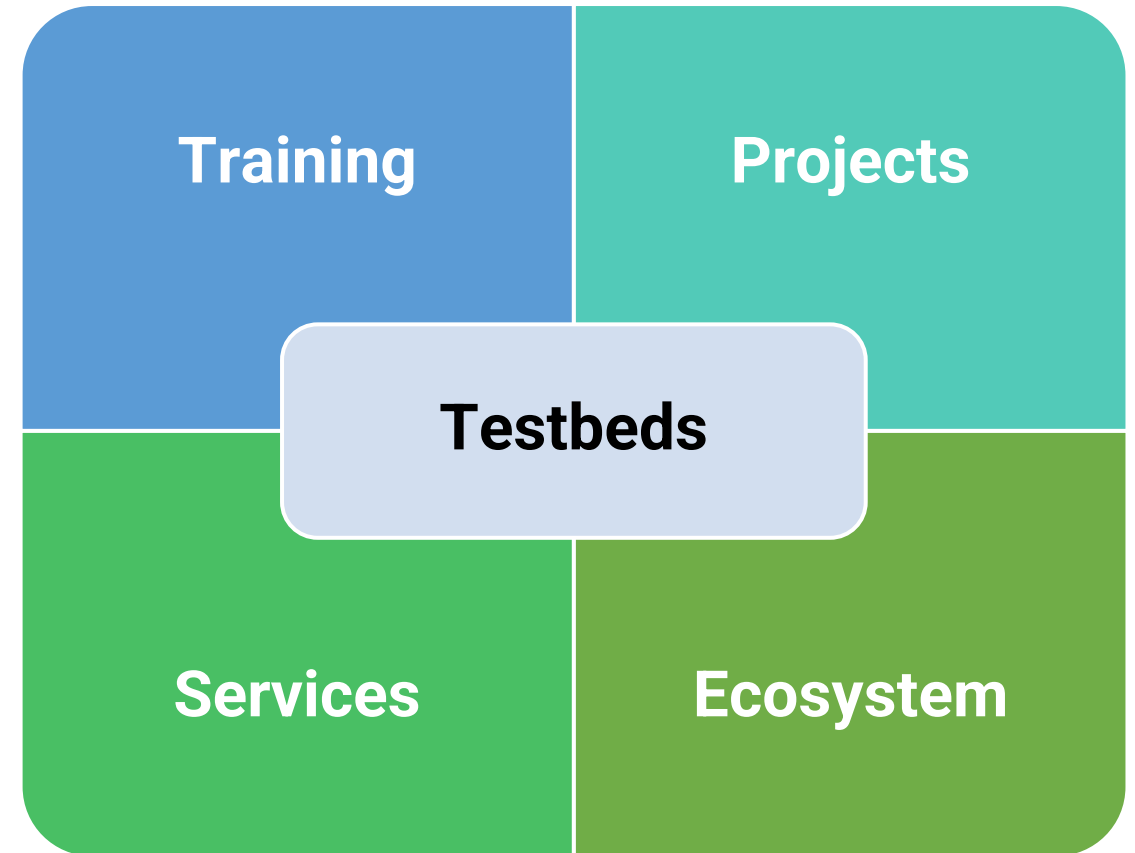
Strengthening Innovation Ecosystem

# Testbeds

Inndromeda

**Testbeds** and spaces for **controlled experimentation** as a differential concept of Inndromeda.

Also, as a **physical or virtual space** where **cooperation** between agents takes place and Inndromeda's activities are developed.



# Our approach



Inndromeda addresses innovation ecosystem challenges through actual collaboration.

Key involvement of the private sector. Focus on companies' needs!

Innovation not only on technology but also in the processes around innovation. There are no silver bullets!

Make things happen!

# Let's talk!



We want any company to be able to take advantage of the potential of **key enabling technologies**.

We believe that access to these technologies is **essential for the welfare and social, economic and environmental development of Valencian society**.

**Óscar David Sánchez**  
Director

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