



How Digital Innovation Hubs (DIHs) could better cooperate with technology providers?

DIH organisation and operation

DIGItalization **Smart, Sustainable & coheSive**

2nd of December, 2024



Introduction

Marina de la Vega. Member of the execution and control team for the DIGIS3 project



1. Who are we?

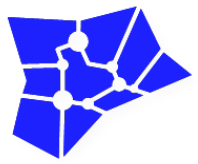
DIGIS3 is an **European Digital Innovation Hub** (EDIH)

DIGIS3 is a strategic alliance

- We are **1 of the 24 EDIHs in Spain** attached to the Digital Europe Programme of the European Commission.
- **facilitator** of access to information, services, and technical implementations.
- Success in **digital transformation processes**.



19 partner institutions



2. Objectives of a Digital Innovation Hub (DIH)

Implementing enabling technologies in businesses and public organisations across Europe

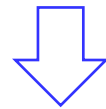
- DIHs act as **one-stop shops** to integrate such technologies into their daily operations
- Advisory services, training, and capacity building; prototype development and proof-of-concept initiatives; identification of funding opportunities
- Creating a robust **digitalisation and innovation ecosystem**



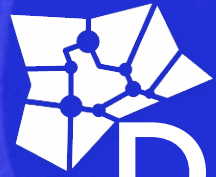


3. Importance

Industry 1.0	Industry 2.0	Industry 3.0	Industry 4.0	Industry 5.0
Marked by mechanization and powered by water and steam	Assembly lines and electricity allow for mass production	Computers and electronics make automation possible	Advances in cyber-physical systems, IoT, and network communications	Human-robot collaboration, customizations, cognitive systems



We must **adapt our industry to new technologies** and industrial processes, and embrace the trend of enabling technologies **to avoid falling behind global competitors**. DIHs play a key role



DIGIS³

AiR
INSTITUTE

Organisational structure and roles of DIHs



Funded by
the European Union
NextGenerationEU



TR Plan de
Recuperación,
Transformación
y Resiliencia

EOI Escuela de
organización
industrial



1. Organisational model

EDIHs are consortium-based entities comprising various institutions with **specialised knowledge** in specific technological areas. They compliment each other

Digital Europe Programme





2. Decision-making processes



1 THE STRATEGIC COMMITTEE

The Strategic Committee (SC) defines the overall perspective and sets the objectives

2 THE EXECUTIVE COMMITTEE

The Executive Committee (EC) develops the roadmap or specific work plan and ensures its execution

3 TECHNICAL OFFICE AND SPECIALISED WORKING GROUPS

responsible for evaluating and implementing the specific services

4 EXTERNAL EXPERTS

who provide advice and support to the consortium



3. Collaboration with EDIHs

EDIH

European
Digital Innovation
Hubs Network

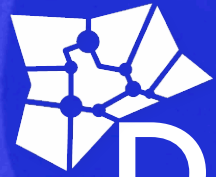
Two types of centres:

- **Those with European funding,** in accordance with the Digital Europe Programme call.
- **Those with an excellence certification,** which enables them to provide services under the EDIH designation but must seek funding through other sources.



In Spain, there is the **Digital Innovation Hubs Assistance Programme (PADIH)**, which:

- Provides direct grants to EDIHs.
- Offers "vouchers" to beneficiary companies, which subsidise digitalisation services up to €30,000.



DIGIS³

AiR
INSTITUTE

Services and capabilities of the DIH



Funded by
the European Union
NextGenerationEU



TR Plan de
Recuperación,
Transformación
y Resiliencia

EOI Escuela de
organización
Industrial



1. Areas of specialisation

4 CATEGORIES

01

Trustworthy AI

02

HPC

03

DLTs and
Cybersecurity

04

Advanced Digital
Skills

The project also defines its **sectorial and territorial impact**:

- Industry 4.0 and Smart Renewables
- Smart Farming & Circular Economy
- Smart Cities and Territories
- eGovernment and Data Spaces





2. Services to SMEs and PSOs



**Training and skills
development**



Testing before investing



**Support to find
investments**



**Networking and innovation
ecosystems**





3. Support for the transfer of R&D&I

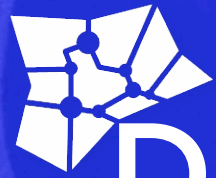


EDIHs are **not profit-driven** entities seeking to exploit potential projects from their beneficiary companies.



EDIHs **are allies and the right entities to rely on** for experimenting with and testing technological and innovative ideas.





DIGIS³

AiR
INSTITUTE

Challenges and success stories



Funded by
the European Union
NextGenerationEU



TR Plan de
Recuperación,
Transformación
y Resiliencia

EOI Escuela de
organización
Industrial



1. Challenges

Continue **raising awareness among the public** about the existence of this initiative.

Ensure that **companies are able to identify problems that require technological solutions.**

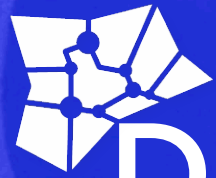
Financing: it is necessary to emphasise the value of these services and to be able to achieve a sustainable model at all levels.



2. Success stories



- ✓ A **proof of concept for the agri-food sector**, involving the creation of a device capable of measuring the activity of Iberian pigs at three levels. No similar device currently exists on the market.
- ✓ The **creation of a device for the wine industry**, which allows them to measure the concentration of sulphites and the reduction of oxygen in wine to anticipate its quality.
- ✓ The **ability to provide effective guidance** to those who approach the EDIH



DIGIS³

AiR
INSTITUTE

Conclusion and future outlook



Funded by
the European Union
NextGenerationEU



TR Plan de
Recuperación,
Transformación
y Resiliencia

EOI Escuela de
organización
industrial



Opportunities for Improvement



Next steps

Call to action



**THANK
YOU**

<https://digis3.eu/es>



Info@digis3.eu



DIGIS3



@DIGIS3



DIGIS3

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.