



SmartAnythingEverywhere



European Initiative
Smart Anything Everywhere



Smart Anything Everywhere Initiative

Enhancing the digital transformation of the European industry
through Digital Innovation Hubs



Smart4Europe2 has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 872111.



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Digitizing European Industry (DEI) Strategy

aims to ensure that
any industry in Europe,
wherever situated and in whichever sector
can fully benefit from digital innovations
to upgrade its business to the digital age!



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The DEI strategy behind...



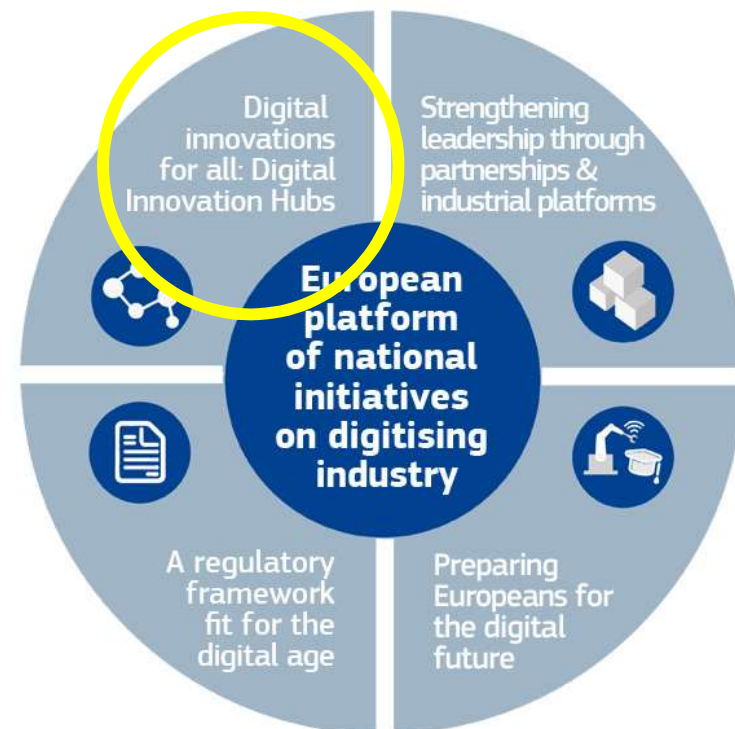
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The DEI strategy involves public and private stakeholders across Europe at regional, national and EU level.

It consists of four areas of work:

Digital Innovation Hubs (DIHs) are one of the key elements of the DEI strategy.



What's a DIH?

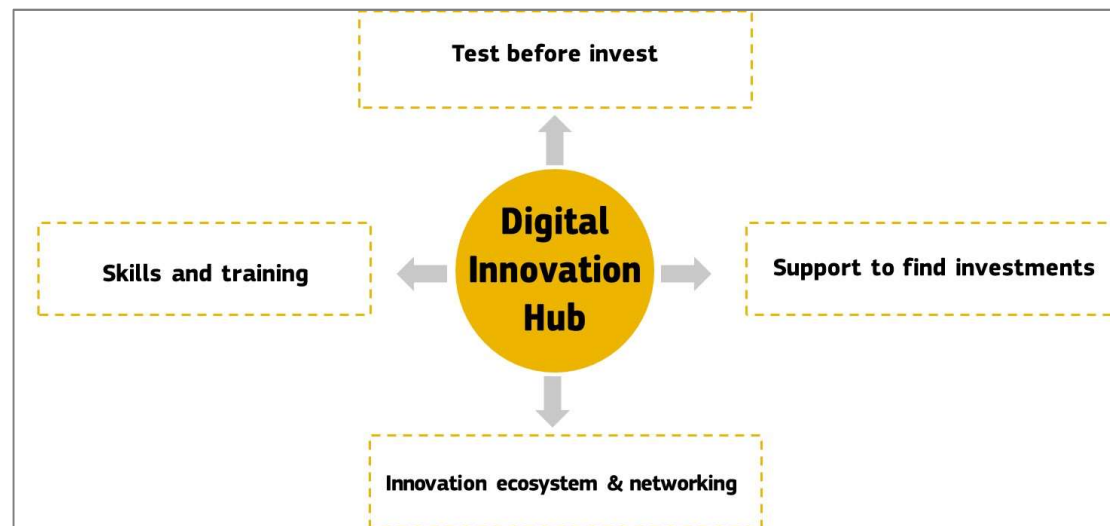


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Digital Innovation Hubs (DIHs)

- are located all across Europe
- support companies – notably SMEs, start-ups and mid-caps
 - to upgrade their products and services
 - through the adoption of latest digital technologies
 - to gain a competitive advantage



The SAE Mission



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SAE was set up in 2015 to build and consolidate a **sustainable pan-European network** of Digital Innovation Hubs (DIH)



Digital Innovation Hubs (DIHs) support companies – notably **SMEs, start-ups and mid-caps** – to become **more competitive** through the adoption of the **latest digital technologies**.



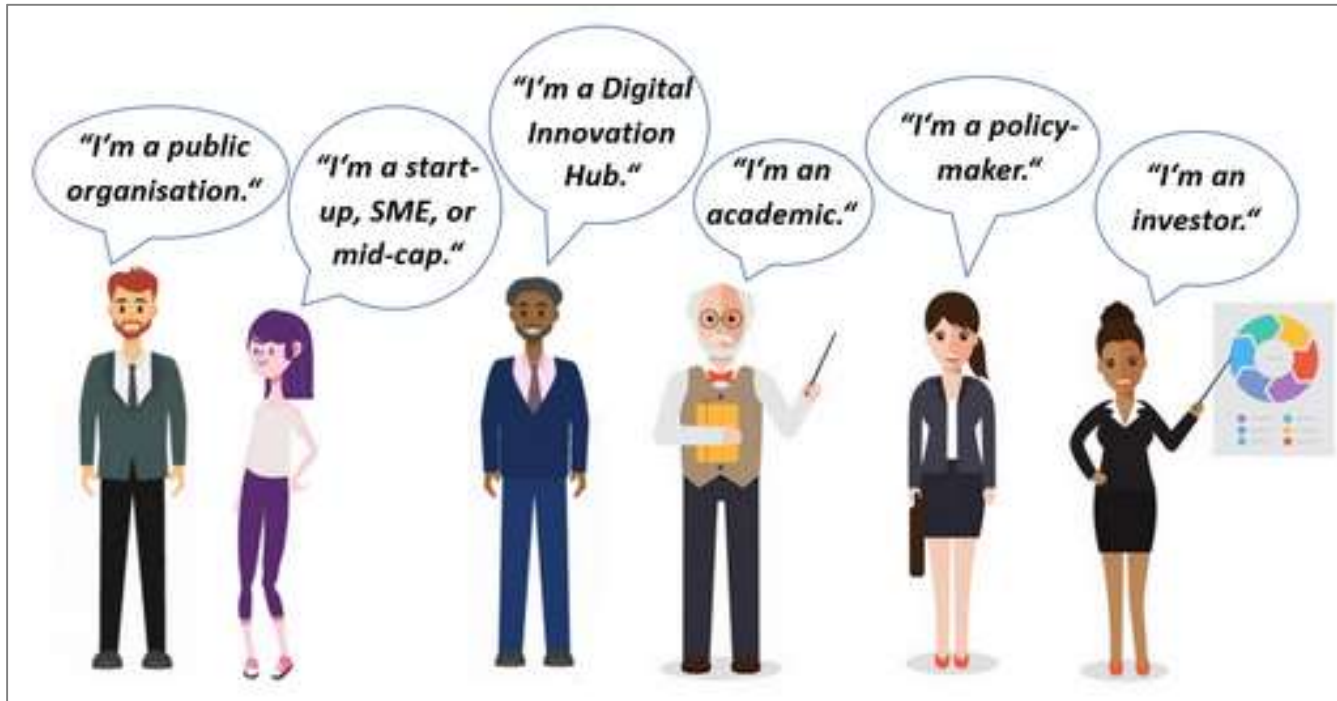
The background is a dark blue gradient with several overlapping, semi-transparent circular patterns. These patterns resemble stylized gears or concentric circles with internal segments, creating a technical or futuristic aesthetic. There are also some bright, out-of-focus light spots scattered across the image.

**What is SAE
offering for me?**

What's in it for me?



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**Networking &
Ecosystem**

**Knowledge
Exchange**

**Training &
Mentoring**

**Market
Place**

Start-ups, SMEs Mid-caps & public organisations:

- Experimentation facilities to test before invest
- Knowledge, expertise & training
- Networking and ecosystem
- Funding and investments

Investor Events

**Technology
Radar**

**DIH
Network**

**Link EU / national /
regional Initiatives**



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SAE aligned Innovation Actions



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SAE aligns different projects, so-called Innovation Actions (IAs) in various Technology Areas such as

- **Cyber-Physical and Embedded Systems**
- **Customised Low Energy Computing powering Cyber-Physical Systems and the Internet of Things**
- **Flexible and Wearable Electronics & Organic Large Area Electronics**
- **Widening Digital Innovation Hubs**

Innovation Actions offer **funding for SMEs and mid-caps** to enhance their products and services through the inclusion of the latest digital technologies via **a selection process (open calls)**.



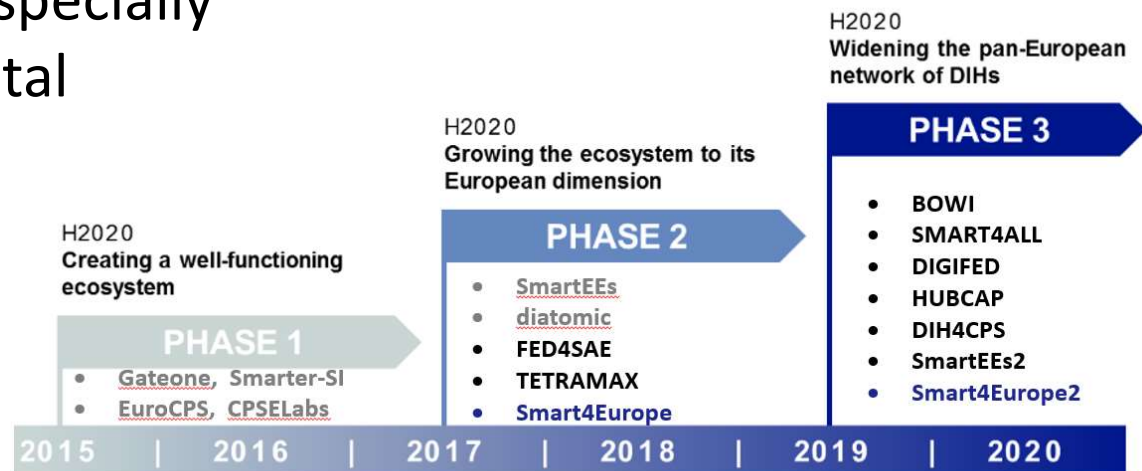
Funding & Open Calls



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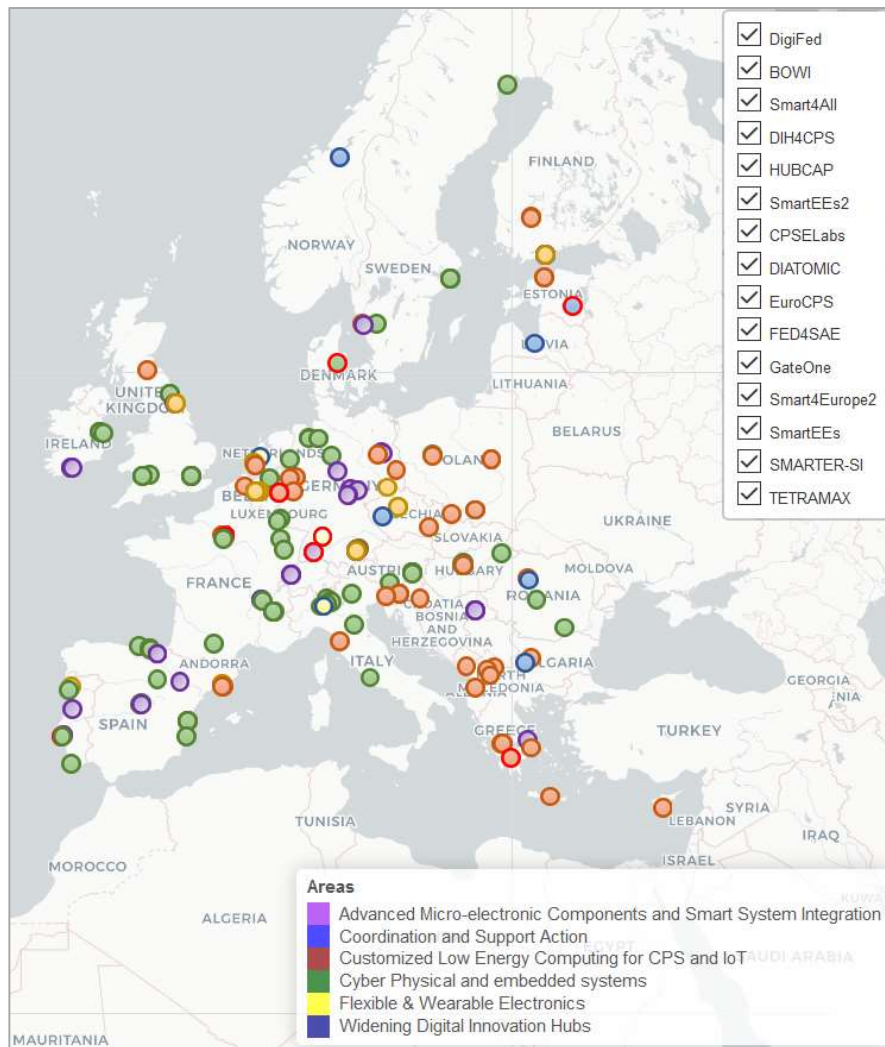
- Companies can apply for funding through Open Calls in their corresponding Technology Areas.
- Guidelines on how to apply for funding and application documents are provided by every Innovation Action directly.
- All-in-all, **64M€ of funding are available** stimulating the uptake of advanced digital technologies by European industry especially in sectors where digital technologies are underexploited.



SAE - Innovation Portal



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Funding Opportunities

Funding easily explained
How does it work? Who is eligible for funding and what rules are to follow? Find here some general information!

SAE aligned Innovation Actions
Find here further information on SAE Innovation Actions offering funding in your SME's Technological Area

Open Calls of all Digital Innovation Hubs
Find here an overview of all Open Calls from EU projects on Digital Innovation Hubs (SAE, I4MSE, Robotics, Photonics, Big data and Open DE)

Deadlines of Open SAE Calls
At a glance, find here all time periods of SAE Open Calls

[FURTHER INFORMATION](#) [USER PROJECTS](#) [OTHER OPEN CALLS](#) [OPEN CALL DEADLINES](#)

Open Calls of SAE aligned Innovation Actions

Technology Area	Open Call	Application Deadline
SMART4ALL	SMART4ALL (FTTE)	Currently Open Application Deadline: September 20th, 2020
SmartEEs	SmartEEs	Currently Open Application Deadline: January 15th, 2021
DigiFed	DigiFed	Currently Open Application Deadline: December 31st, 2020
HUBCAP	Hubcap pull 1.2	Currently Open Application Deadline: November 30th, 2020
HUBCAP	Hubcap Experiment 2.1	Upcoming Application Deadline: February 28th, 2021
HUBCAP	Hubcap pull 1.3	Upcoming Application Deadline: May 30th, 2021
HUBCAP	Hubcap Experiment 2.2	Upcoming Application Deadline: February 28th, 2021
SMART4ALL	SMART4ALL (CTTE)	Upcoming Application Deadline: February 28th, 2021



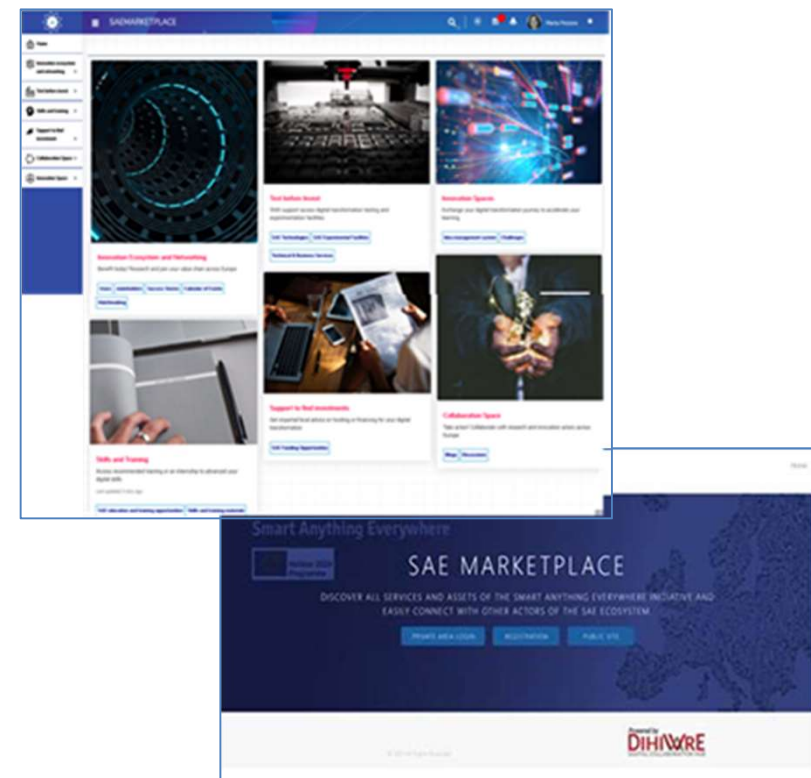
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The SAE MARKETPLACE aims at making it easy for DIHs, SMEs, RTOs and all interested stakeholders to **deep dive into the SAE offerings and connect with the right actor of the SAE ecosystem.**

All registered visitors can scout and get up-to-date information on

- available technological solutions
- experiment facilities
- training and funding opportunities by SAE Innovation Actions in the respective technology areas



<https://saemarketplace.eu>



Success Story « Bettair »



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Name: Bettair: Mapping Urban Air Quality

Application Area: Environment / Health

Supported by: FED4SAE

Problem: Ambient air pollution kills over four million people every year, mainly in urban environments and the problem is being aggravated further by unprecedented population growth in cities.

Solution: Bettair® maps air and noise pollution in cities on a previously unimaginable scale.

The system is based on a large deployment of outstandingly accurate gas sensors by using an advanced post-processing algorithm.

The information provided by the bettair® platform allows cities to implement appropriate urban plans to improve air quality and to make smart and better decisions to mitigate air pollution.

<https://bettaircities.com>



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Success Story « AgriNav »



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Name: Helping small farmers benefit from variable-rate Fertilizer Technology

Application Area: Agriculture / Environment

Supported by: Diatomic

Problem: Over-fertilization results in algae overgrowth in rivers and streams which leads to fish being killed. By applying the optimal amount of fertilizer, both the farmer and the environment benefit.

Solution: Development of software & hardware to adjust the quantity of fertilizer applied. A variable rate fertilizer spreader fitted to a small tractor or an all-terrain vehicle (quadbike).

<https://agrinav.co.uk>



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Success Story « EMBRACE »



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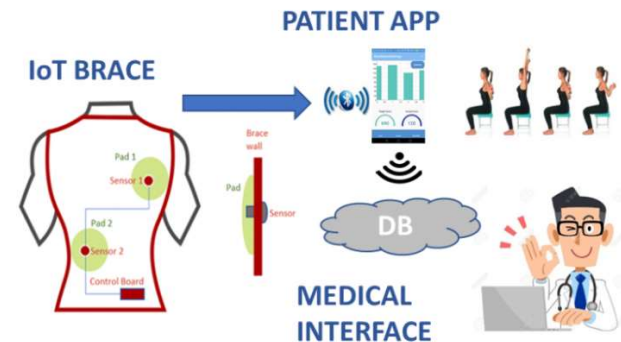
Name: Smart sensor for monitoring of scoliosis treatment braces

Application Area: Health

Supported by: FED4SAE

Problem: In scoliosis treatment, there is currently no device available to quantitatively measure acting forces inside the braces and to monitor the wearing time of the braces.

Solution: An innovative plug & play wearable sensor kit for monitoring the pressure inside scoliosis braces while improving the compliance with medical prescriptions as well as boosting the patient's active participation to reach satisfying results from the care treatment.



Success Story « MEATRACK »



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Name: Miniature gas sensors for real time meat-freshness tracking
Application Area: Food / Health
Supported by: TETRAMAX

Problem: Ensuring highest meat quality and avoiding health risks from consuming spoiled meat is a major concern for producers, suppliers, and consumers.

Solution:

MEATRACK aims to increase the smartness of refrigerators by developing and testing miniature gas sensors for tracking real time freshness of meat by using a patented gas sensing technology combined with an AI solution and software platform



Links



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SAE Innovation Portal

- <https://smartanythingeverywhere.eu/>

Funding Opportunities

- <https://smartanythingeverywhere.eu/funding/>
- <https://dihnet.eu/opencalls/>
- <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls>

Success stories

- <https://smartanythingeverywhere.eu/success-stories/>

Contact us & subscribe to our newsletter

- <https://smartanythingeverywhere.eu/contact-us/>





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**Thank you very much
for your interest!**



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