AERO EDIH

Norrköping Science Park

li.u LINKÖPING UNIVERSITY

RI. SE

IBG Independent Business Group

Funded by the European Union

Image credit: Katla Aero

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AERO EDIH

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AERO EDIH SERVICES AT A GLANCE

ACCESS TO:

- **REGIONAL INNOVATION ECOSYSTEMS**

- **SWEDISH INNOVATION ECOSYSTEMS**

- **EUROPEAN INNOVATION ECOSYSTEMS**

- **FACILITATES NETWORKING AND COLLABORATION BETWEEN**
  - Sme:s
  - Research institutions
  - Stakeholders within the digital innovation ecosystem

- **TESTING BEFORE INVESTING (POC)**

- **SUPPORT TO FIND INVESTMENTS**

- **TRAINING AND SKILLS DEVELOPMENT**
  - Logistics expertise
  - Advanced visualization expertise
  - Aeronautics field specific training

- **GUIDANCE AND SUPPORT TO ACCESS**
  - Funding
  - Business opportunities

EDIH BACKGROUND

The EDIHs are funded via The DIGITAL Europe Programme – Work Programmes adopted by EU in Brussels, 10.11.2021[1]

"EDIHs combine the benefits of a regional presence with the opportunities available to a pan-European network."[1]

The regional presence leaves the EDIH well-placed to provide the services local companies need, through the local language and innovation ecosystem.
The European coverage of the network facilitates the exchange of best practices across hubs in different countries as well as the provision of specialised services across regions when the needed skills are not locally available.

EDIH BACKGROUND

"By providing access to technical expertise and testing, as well as the possibility to 'test before invest', EDIHs support companies to improve business/production processes, products, or services using digital technologies.

They also provide innovation services, such as financing advice, training, and skills development that are central to successful digital transformation."

Testing before investing (PoC)

Support to find Investments

Training & Skills Development

Networking & Access to innovation ecosystems

Aims to raise digital maturity and investment readiness

EDIH BACKGROUND

SMEs are the new backbone of our economy and stand for 80 % of the new job creation in Europe. Supporting the SME's is vital to Europe's competitiveness in a global and fast-moving market. Many SMEs today still has a large untapped digital potential.

The EDIH network support digital transformation in SMEs and public sector organisations by encouraging the adoption of the latest advances in the three key technologies of Cybersecurity, Artificial Intelligence and High-Performance Computing. It is also about contributing positively to People, Profit, Planet and Societal impact.

EDIH OBJECTIVES

1 - Help ensure that every company, small or large, high-tech or not, can take advantage of digital opportunities.

2 - Investing 7.5 billion euro via Digital Europe and European Regional Development Funds in 200+ Digital Innovation Hubs across Europe means supporting businesses in their digital transformation.

3 - Help companies become more efficient and competitive in regard to their business/production processes, products or services by using digital technologies.

Cyber Security

Artificial Intelligence

High Performance Computing

NETWORK AND OBJECTIVES

The EDIH Network in Sweden consist of 4 European Digital Innovation Hubs (EDIH).

6 Seal of Excelence Digital Innovation Hubs (SoE DIH)

Aero EDIH
Digital Transformation of the aviations and aerospace industry

ShiftLabs
Swedish Network for sustainable digialisation and human-centric Factory transformation

DigIT
DigITHub Sweden

HDS
Health Data Sweden

Digital Impact North

IND Tech

AI Sweden

Additive Manufacturing European Digital Innovation Hub
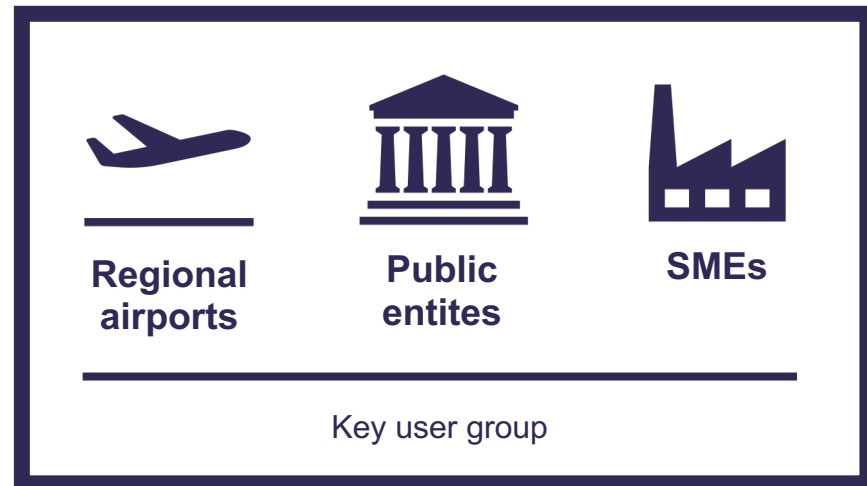
Smart Agtech Sweden

Sweden ICT

Each Digital Innovation Hub is part of one or more European EDIH Thematic Network Groups.

The Swedish EDIH is part of the Nordic EDIH Group consisting of the Nordic countries EDIHs and SoE DIHs

WHAT IS AERO EDIH?

The Aero EDIH is driving the question regarding how we can accelerate and facilitate development of SMEs within the future aerospace industry as well as drive societal and business impact through digital and green transformation of the Aerospace related industries.

Aero EDIH is specialized in providing digital innovation support to **SMEs**, **Regional airports** and **public entities** related to aviation, aerospace and advanced air mobility. Aero EDIH drives this area of innovation in Region Östergötland, Sweden and the European Union.

Aero EDIH is funded Three years with an option of Four years extension, with the start of Q1 2023 by:

Co-funded by the European Union

CO-FINANCED BY
Swedish Agency for Economic and Regional Growth

Region Östergötland

VINNOVA
Sweden's Innovation Agency

Aero EDIH partners consist of:
Norrkoping Science Park is the coordinating part.

Norrköping Science Park

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Regional airports

Public entites

SMEs

Key user group

WHICH ARE AERO EDIH:S FOCUS AREAS

Aero EDIH projects will have focus on a blend of Artificial Intelligence, High Performance Computing, Cyber Security and other Advanced Digital Skills.

Artificial Intelligence

High Performance Computing

Cyber Security

5G/6G Connectivity

Internet of Everything

Advanced Digital Skills, eg

TYPICAL CASES AND CHALLENGES

AI

Route optimization for drone swarm delivery

Image analysis
for autonomous data collection

Cyber Security

PoC and field test to stress test a drone system for vulnerabilities and lack of resilience

HPC

CGI/VR-simulation of an upcoming product to convince stakeholders to invest

WHICH ARE AERO EDIH:S SERVICES?

Aero EDIH projects will provide services to project users (SMEs), project service providers (facilitators of projects) and Ordering parts (Case driving industri/actors).

Aero EDIH services include Testing before investing (PoC), Support to find Investments, Training & Skills Development as well as Networking & Access to innovation ecosystems, both via the EDIH networks, our sponsors and our partners.
Aero EDIH also has access to expertise for instance in the fields of logistics and advanced visualization.

Content in the service provision will be obtained via competitive public procurement.

Aero EDIH facilitate networking and collaboration between SMEs, research institutions, and other stakeholders in the digital innovation ecosystem, which can lead to new business opportunities, partnerships, and collaborations.

Aero EDIH offer access to technical expertise and advice on the latest digital technologies, which can help companies identify and adopt the most appropriate solutions for their business needs.

Aero EDIH can provide support and guidance to companies on accessing funding opportunities for their digital innovation projects, including grants, loans, and venture capital.

Testing before investing (PoC)

Support to find Investments

Training & Skills Development

Networking & Access to innovation ecosystems

HOW DO I JOIN THE AERO EDIH AS A PROJECT PART?

1. Aero EDIH will have application e-forms available from the 10/3 2023 via the Aero EDIH home page for Users, Service Providers and Ordering parts.

2. All applications will be registered and evaluated for fit within Aero EDIHs focus areas in accordance with EU Digitals requirements as well as requirements from our sponsoring parts by the project group. For instance deminimi requirements. (Screening)

3. The applicants will then be contacted for an innovation dialogue with the Aero EDIH Project Group to clear out questions that the applicant or the Aero EDIH Project Group might have. (Innovation dialogue)

4. The Aero EDIH Project Group will then have a formal meeting declaring whether or not to submit a formal request to Tillväxtverket for validation of the applicant.

5. If the application returns successfully the application will be lifted to the Aero EDIH Steering Committee(SC), who evaluates the application and opportunities the applicant may have. The Steering Committee then recommends action to the General Assembly (GA).

6. The General Assembly has a formal meeting based on the recommendation of the Steering Committee and take the formal decision whether the applicant can join the Aero EDIH as a project part or not.

7. After a positive decision from the General Assembly Board a Project Start Agreement is written between the Aero EDIH and the applicant, a Key Account Manager is assigned and project planning can commence.

1. Application	2. Screening	3. Innovation dialogue	4. Validation	5. SC Recomendation	6. GA Decision	7. Start

Project Group — Steering Committee — General Assembly

FEEL FREE TO CONTACT US!

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