

// INSIGHT #03_2022



Figure 1: The three territories of the DigiTeRRI project

DIGITERRI

RESPONSIBLE RESEARCH AND INNOVATION APPROACH FOR TRANSITIONING THE TRADITIONAL INDUSTRY REGIONS INTO DIGITALISED INDUSTRY TERRITORIES

DigiTeRRI has been developed to empower 3 traditional industry regions to harness the opportunities presented by digitalisation. The project has co-created a framework and roadmaps for a responsible transition to self-sustaining, digitalised industrial innovation ecosystems. It has worked the challenges in the interplay between business, academia, government and society to initiate openness, democratic accountability and responsiveness in a process that will in turn promote resilience within these new, digitalized innovation ecosystems. Important attributes for this transition are gender equality, science education, open access, public engagement, and ethics, which support both organisations and citizens in adapting the transformation that is revolutionising research, industry, economy, & society. Finally 12 actions, based on the roadmap goals and objectives in each territory have been developed and implemented.

AIM

Three European territories have been engaged in this project, Värmland/Sweden, Grand Est/France, and Styria/Austria. These traditional industry regions with roots in the steel industry, in engineering & machine producing, in the automotive and aerospace industry, or in the paper production faces the challen-

ge to transform into Industry 4.0. Digitalisation affects not only industry & business but also the public administration, education, science, & private sphere. The aim of the project has been to characterise & map the current innovation ecosystems of the 3 regions, generate a vision, develop a roadmap and implement actions for the transition to responsible digitalised territories.



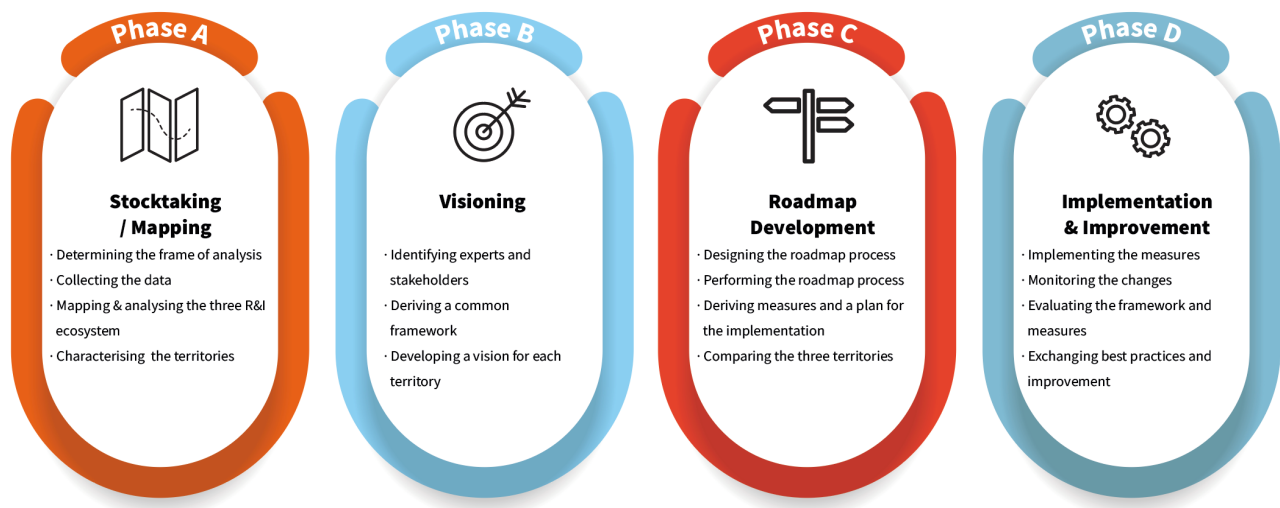


Figure 2: Road-Mapping procedure

APPROACH

Responsible Research and Innovation (RRI) approach should bridge the gap between the scientific community and society at large, should tackle the grand societal challenges should foresee that researchers and innovators actively design and align their work with responsibility for society and environment. The whole project is designed as a roadmapping process, as shown in Figure 2. It starts with stocktaking (EU-projects, scientific literature, patents...) and an analysis of the three innovation ecosystems. After this first step we had a number of workshops, where the stakeholders developed together a vision statement. The stakeholders came from science & research, education, industry & business, public administration, and civil society. Based on these visions each territory has formulated objectives and derived measures and actions, which has been incorporated into the specific territorial roadmap. The last step has been to implement the measures and actions, to monitor changes, to evaluate & to exchange best practices and improvements.



Figure 3: Example for a territory objective „Increasing social responsibility as part of a digital transformation process“

RESULTS & IMPACT

DigiTeRRI has:

- supported the development of Smart Specialisation Strategies for the engaged territories.
- unveiled a lot of competences, knowledge, products, networks, technologies, etc. available in the region.
- created awareness for the competences, facilitated a

common understanding and supported communication.

- helped innovation ecosystem actors to anticipate their future with each other and develop it together.
- strengthened the network between the actors.
- raised awareness of interesting industry jobs in schools and students.
- developed a common understanding for possible consequences of an innovation on the society and the environment.
- formed networks across the three DigiTeRRI regions.
- launched initiatives and activities for establishing platforms and for solving problems with interfaces between specific software solutions (e.g., in the public sector).

OUTLOOK

In the final phase of the project we will evaluate our DigiTeRRI approach and write the lessons learned and best practices down in a White book.

PROJECT

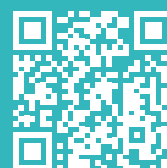
The project runs from January 2020 – December 2022 and is coordinated by AIT Austrian Institute of Technology. Find more information on www.digiterri.eu

LINK YOUTUBE VIDEO INSIGHT 03_22 DIGITERRI

[Watch our video](#) with coordinator Marianne Hörlesberger



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