

Project name	DigiTeRRI project
Period/date of the action	January 2020 – December 2022
Target audience(s)	All actors of the innovation ecosystem in regions: industry & business, policy & public administration, science & research, education, as well as civil society organisations.
Involved partners and organisations	Austrian Institute of Technology (AIT), Grand E-Nov+, Karlstad University, Materialia, Montan Universität Leoben, Nordland Research Institute, Marketing Bruckmur, Paper Province, University of Lorraine, Region Värmland, WeDo, ZAT Leoben
Estimated number of people impacted/reached	The activities in DigiTeRRI reached more than 1000 people in Europe, especially, in the three engaged industry regions, namely in Värmland in Sweden, Grand Est in France, and Styria in Austria.

The innovation ecosystems of the three DigiTeRRI territories root in traditional production industries such as paper production, steel industry, automotive industry, or aerospace component supplier industry. The businesses operate at global level but they also impact the society at a local level. The three territories in DigiTeRRI share the history in production industry, however, they differ regarding size and population density, as the following table shows.

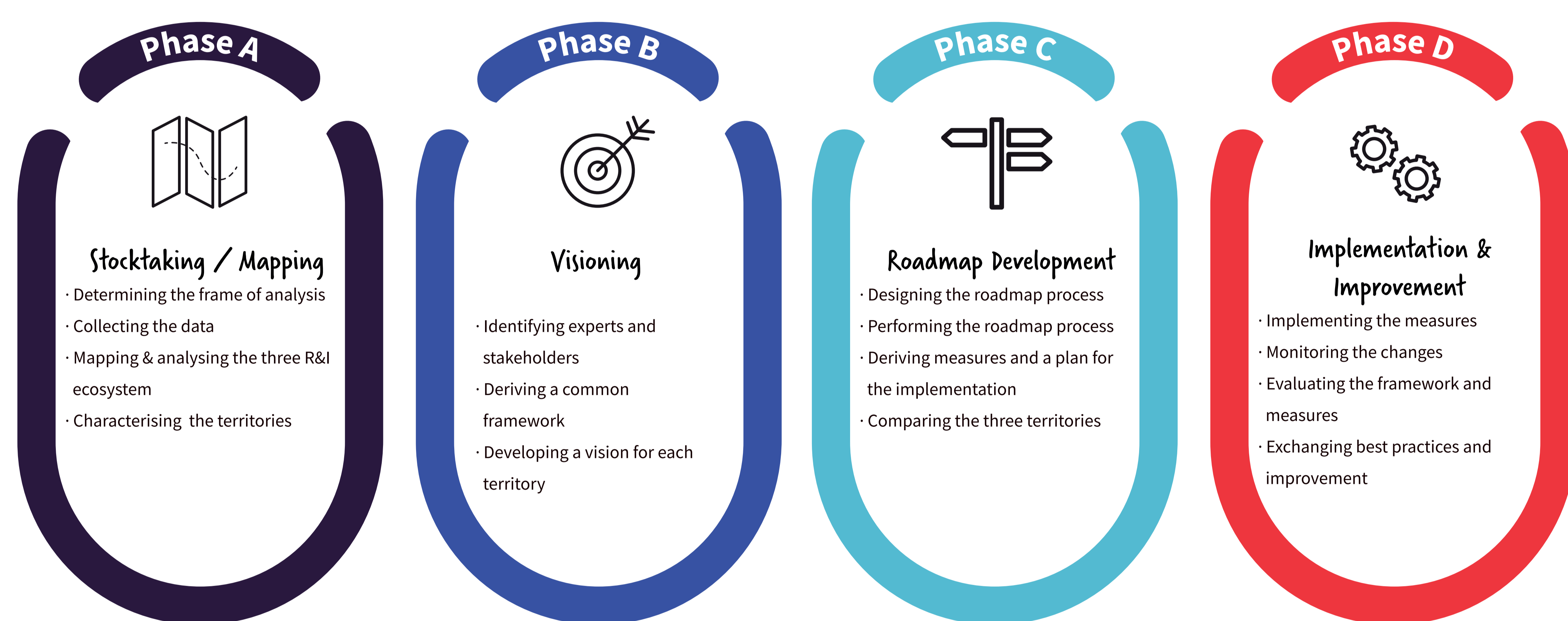
Regional characteristics	Grand Est (France)	Styria (Austria)	Värmland (Sweden)
Area	57,433 km <sup>2</sup>	16,401 km <sup>2</sup>	17,591 km <sup>2</sup>
Population	5,53 million in 2019 (around 8.3% of the population of France in 2018)	1.24 million (2020)	281,482 (2019)
Regional population density	96 inhabitants per sq. km in 2019	76 inhabitants per sq. km in 2020	18 inhabitants per sq. km in 2016
Largest city	Strasbourg	Graz	Karlstad
Population density of the largest city	3,600 inhabitants per sq. km in 2017	2,300 inhabitants per sq. km in 2020	2,035 inhabitants per sq. km
Number of municipalities	5,121	287	16
Contribution of the region to the national GDP	6.7% in 2017 (156.9 billion euros)	12.9% in 2019 (49.6 billion euros in 2018)	8.3%

## Objective

DigiTeRRI has interlinked a roadmapping process with an approach for Responsible Research and Innovation (RRI) to support the transition of traditional industry regions into digitalized industrial innovation ecosystems.



## The four phases of the DigiTeRRI process



## Summary

- DigiTeRRI has brought together the innovation ecosystem actors in each of the three territories to
- co-create a common future, a common strategy, and pathways for transforming into a digitalised region,
  - become attractive for industry and business for increasing the liveability of locals and especially highly educated people,
  - strengthen the networks between actors from policy, industry & business, universities, colleges, & schools, as well as students, and NGOs.

The RRI approach applied in DigiTeRRI combines forward looking methodologies (i.e. roadmapping) with stakeholder engagement to develop possible futures for the transition into digitalisation. This approach should strengthen the innovation ecosystem in the territory (including all stakeholders). RRI is operationalised twice: implicitly by combining forward looking methodologies and stakeholder engagement, and explicitly by addressing the **RRI keys** (ethics, science education, open access, gender equality, public engagement) in the development of the roadmaps' goals and objectives.

By following the DigiTeRRI process, each territory has (i) mapped the current situation of the innovation ecosystem with data from science publications, EU projects, and patents, and collected best practices on digitalisation and RRI at the beginning of the project, (ii) drawn up a vision statement that – similar to a star – leads the way for the roadmap, (iii) developed goals, objectives, and actions necessary to reach these objectives, (iv) and implemented first actions already.

# Introduction to DigiTeRRI