



EDIH DIHNAMIC

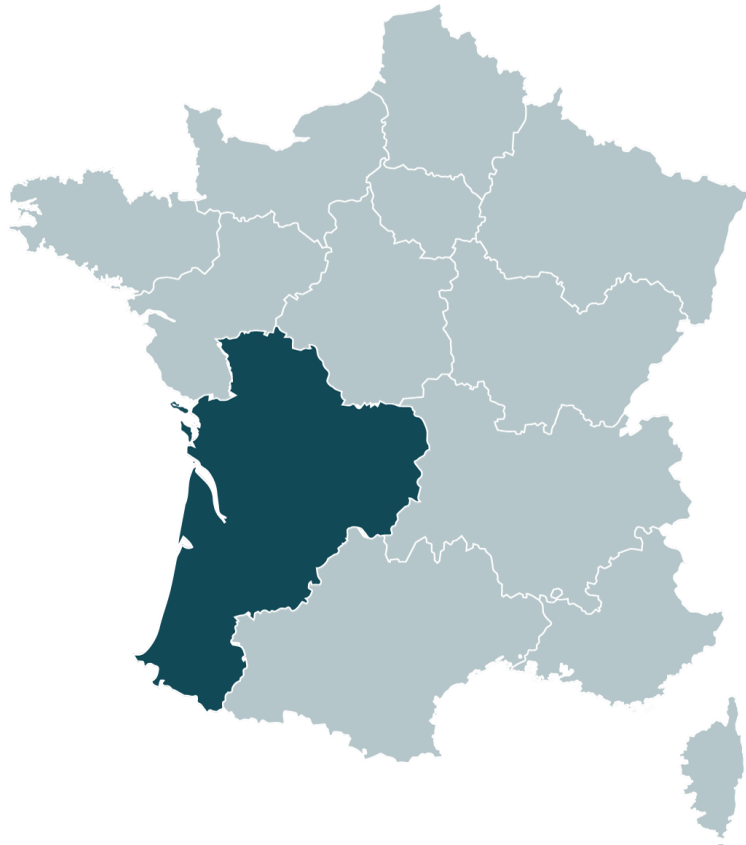


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Region Nouvelle-Aquitaine



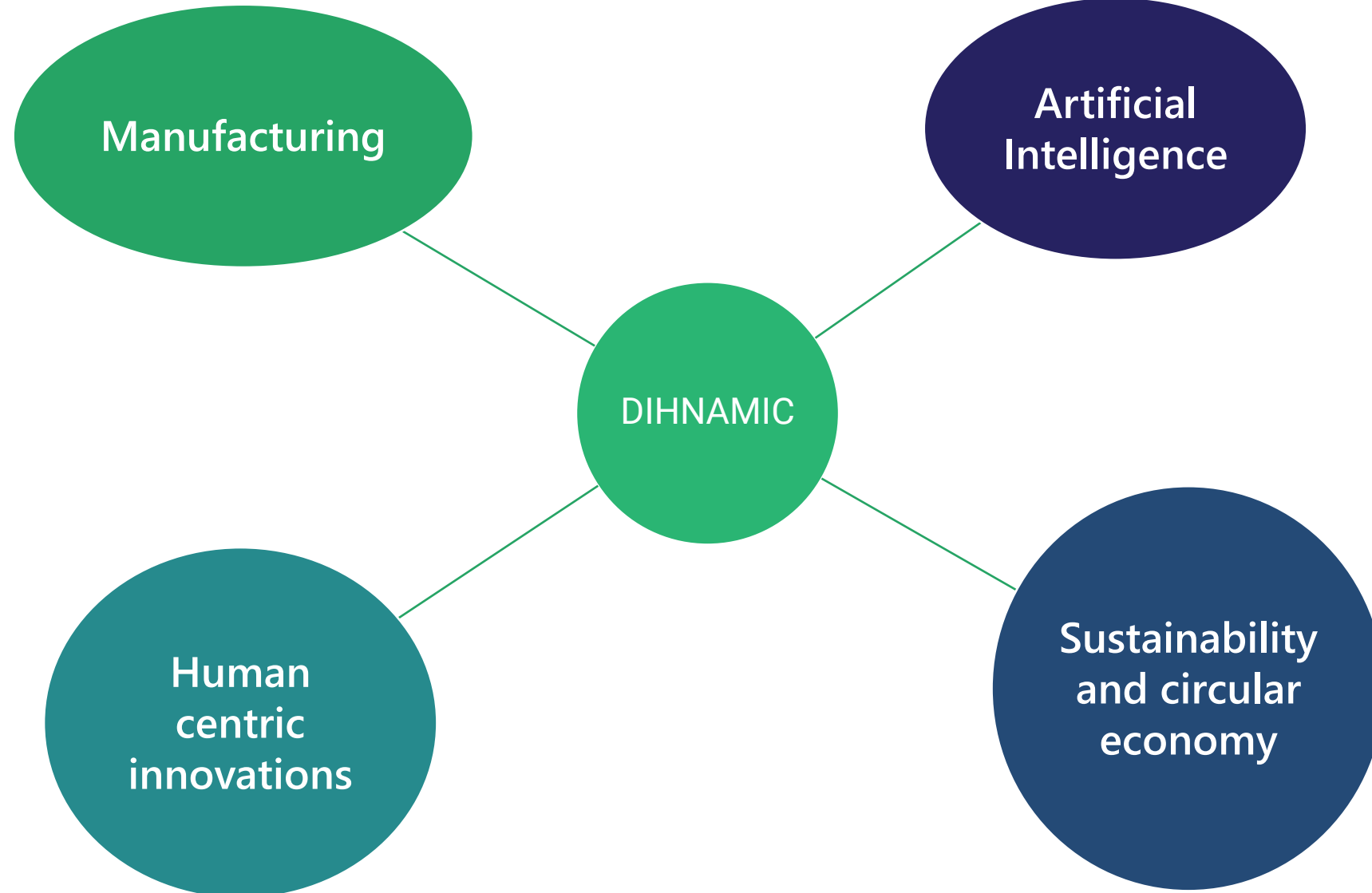


- **Focus:** Human Centered Artificial Intelligence for a sustainable industry



- Existing corridors : partner regions of the Nouvelle-Aquitaine region such as the Euroregion Nouvelle-Aquitaine Euskadi Navarre, the Land of Hesse, Emilia Romagna and Wielkopolska

DIHNAMIC specialization(s) :



What's DIHNAMIC for?



- assess the relevance of advanced Industry of the Future technologies for companies' transformation and innovation projects,
- support companies in their efforts to integrate digital technologies and innovation,
- make the advanced technologies of the industry of the future accessible to enable their appropriation by companies and to help them carry out tests and trials,
- And offer training to enable the acquisition of new skills.

What DIHNAMIC offers ?

Artificial Intelligence as a service (AlaaS)

- Machine learning
- Experts systems
- Decision support
- Data Analytics
- Distributed AI
- Cloud/Edgeseconomy

Intelligent systems and infrastructures

- Co-design
- Advanced treatments
- Multi-modal network
- Diagnosis, monitoring, operational evaluation, implementation (GPU, FPGA, Manycoeur...)
- Blockchain

Robotics, agile processes & HMI

- Interactive robotic
- Sensor-based control
- Intra-logistic
- HR
- Robotics application (ROS2)

Models and digital twins

- Modelling, simulation, data assimilation
- MDAO-MBSE
- Scientific computing, optimisation, monitoring of systems and processes



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