



Robotics in Horizon 2020

Sharing robotics infrastructures in Europe

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Robotics in Horizon 2020

Sharing robotics infrastructures in Europe

- Build on existing resources
- Services and Benefits
- Funding combination & National/Regional activities

Build on existing resources & Sharing

- ICT23: "Projects are strongly encouraged to **optimise synergies** (e.g.: use of **shared** resources[...], collaboration with on-going projects)"
- ICT 24: "The priorities in this specific challenge are based on input from the Public-Private partnership in Robotics, also **building on the results of previous calls.**"
- Impact: "Ensure **wide use of shared resources**"
 - ↳ Shared Infrastructure – vehicle for sharing knowledge

Build on existing resources & Sharing

- Common platforms (e.g.: real-world test-beds) "taking advantage of existing initiatives and facilities"
 - Existing projects sharing infrastructures (Echord++, Euroc,...)
 - Existing Labs and Facilities – national/regional level
- Build on local resources:
- e.g.: ROBOCLUSTER (DK) European Regional Development Fund
- 👉 H2020 – combine funding for optimization of resources

Shared facilities Potential Services & Benefits

- Access to researchers to facilities, platforms and technical support -> support for demonstrators & testing (compare, reproduce results, support to publications)
- Re-use of results -> after the end of a project / avoid re-inventing the wheel
- Support for technology transfer, academia industry cooperation -> intermediary, proof of concepts
- Support for spin-offs, SMEs -> offering complementary resources
- Build show-cases for attracting users, investors, public at large,...

➡ Support & Demonstrate continuous progress

Paving the way to smart specialisation: Regional Development Strategy

The path to a sustained EU leadership in Robotics

**world-class industrial and technology regional hubs
in robotics**

The "places to be" for industry & world-wide
scientists and engineers

The "places to invest", start and expand your
business

How can we help to reach the Vision

- Better articulation of the investments at EU level
- Maximise return on investment – better articulate EU activities with Regional/National strategies
- Help to develop and connect competence centres/clusters of excellence

➡ **SHARE INFRASTRUCTURES: A FIRST STEP**

How to build & reinforce regional hubs?

- Focused investments in knowledge and skills
 - "Competence centres", University labs and RTOs are at the heart of development
 - World class research and facilities in robotics
- Specialize on key parts of the value chain
 - E.g. Light houses showcasing what technology can do
 - Involve all actors including large companies and SMEs
- Cooperate with other regions to connect to the rest of the value chain
 - ➡ **SHARE RESOURCES & INFRASTRUCTURES: A FIRST STEP**

Interested in smart specialisation & regional activities ?
Join the Workshop "The Role of the EU Regions in
Supporting Robotics Infrastructures"
March 13- 16:00-18:00

Thank you