



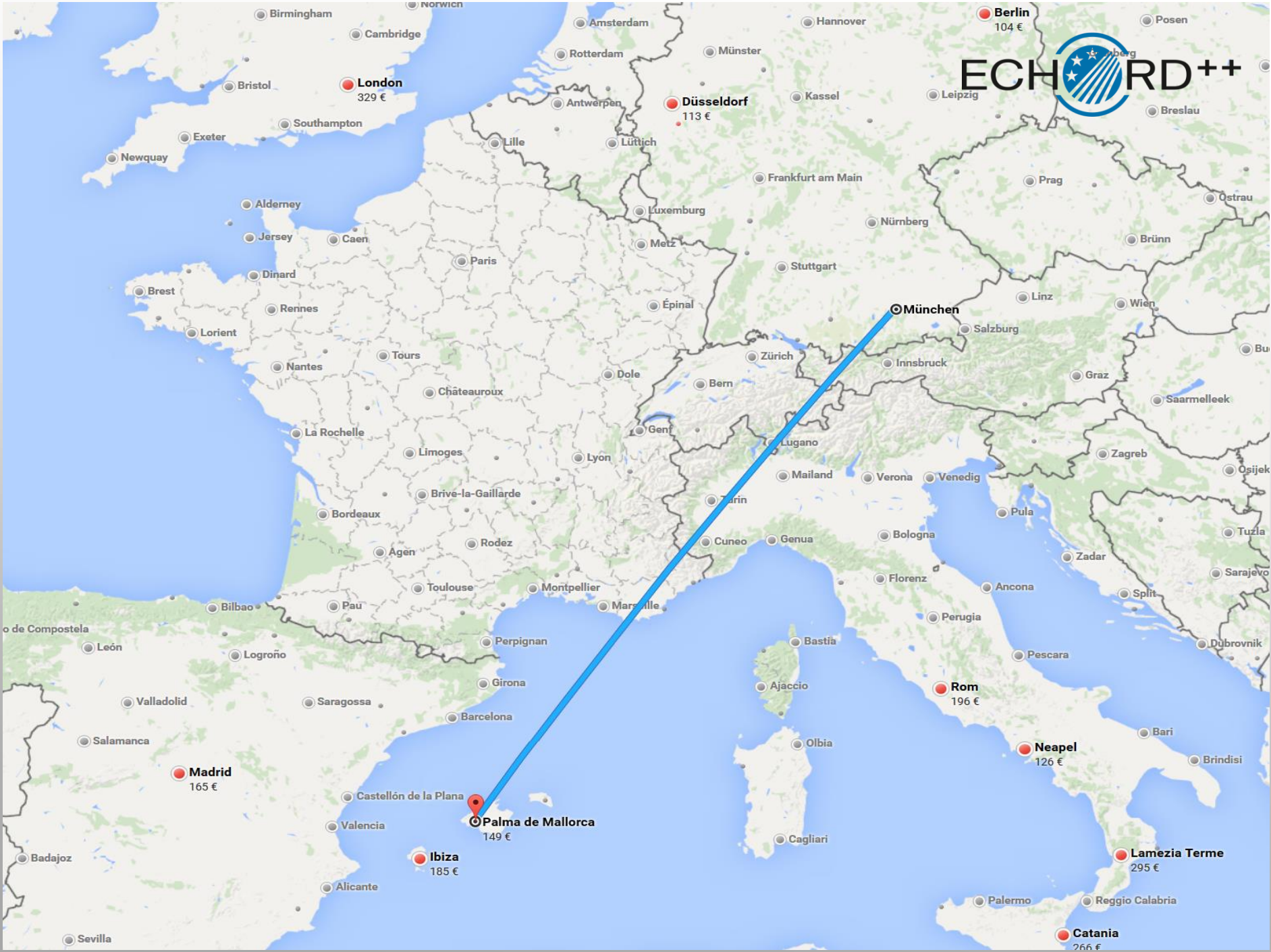
The European Coordination Hub for Open Robotics Development

Experiments Call II Kick-Off

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Basics of the project – Our mission

Our mission

From lab to market

Europe has a long tradition of outstanding research and manufacturing in robotics. However, finding common ground between manufacturers and the research community has proven difficult in the past. Defining the future direction of robotics research is the real challenge. The robotics research project ECHORD++ will promote the interaction between robot manufacturers, researchers and users by facilitating the cooperation between academia and industry.

Basics of the project – Our instruments

Our mission

From lab to market

ECHORD++ will achieve its goal by implementing three different instruments: the Experiments, Public end-user Driven Technological Innovation (PDTI), and the Robotics Innovation Facilities (RIFs).

With the Experiments and PDTI, ECHORD++ offers research consortia funding to develop robotics technology for real use-cases.

The RIFs provide a unique chance to try out new business ideas and make field tests at zero risk.

ECHORD++ project facts

- Runtime 01.10.2013 – 30.09.2018
- Funding ~19 Mio. €
- Best practice of first ECHORD project **and** two new instruments
- Role model for cascading funding: Nearly **80 %** of the funding is re-distributed to partners **outside** the core consortium
- **More than just funding:** support for application-oriented research & development projects
- **Target-group** oriented outreach, dissemination and exploitation with a focus on customer-centred communication



What is ECHORD++?

- EU-funded robotics project
- 7 initial partners
- Based on the success of ECHORD (2009-2013)

RUROBOTS
Cognitive Science at Work

brl
Bristol Robotics Laboratory

cea

BLUE OCEAN ROBOTICS
- for humans

TUM

UPC



- ★ Experiments Call 1
- ★ PDTI public bodys
- ★ PDTI R&D
- ★ Experiment Call 2

Robotics Innovation Facilities (RIF)

The purpose of the RIFs is:

- To be a **living lab**
- To serve as a **test-beds** for E++ experiments
- To be **central and sustainable showrooms** for the general public

- **Main benefits:**

- **Easy access to HW and expertise**
- **Networking and dissemination opportunities**
- **No need to become partner in consortium to get engaged**

Success story: Hannover Messe 2016

Successful presentation of ECHORD++ at the world's most important industrial trade fair



Outlook: Automatica 2016

21st – 24th June, Munich

100 square metres ECHORD++ booth with experiments from call 1

