



European Clearing House for Open Robotics Development Plus Plus

Echord++

How to optimize collaboration with other projects?

European Robotics Forum, Wien, 12.3.2015
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What is ECHORD++

- FP7 project where you can participate
- Based on the success of ECHORD (2009-2013)
- 7 initial partners.

RUROBOTS
Cognitive Science at Work

brl
Bristol Robotics Laboratory

DE LA RECHERCHE À L'INDUSTRIE
cea

BLUE OCEAN ROBOTICS
- for humans

TUM

SCUOLA SUPERIORE SAN ANTONIO
• PISA •

UPC

ECHORD++ Project facts

- Runtime 1.10.2013 – 30.9.2018
- Funding ~19 Mio. €
- Best practice of ECHORD + two new instruments
- Most of the funding is re-distributed to partners to be added
- Focus on application-oriented research and development and creation of impact: Transfer Excellence
- Increased outreach, dissemination, and exploitation

ECHORD++ Instruments

ECHORD++ will stimulate the interaction between robot manufacturers, researchers and users.

This goal will be achieved by implementing three different instruments:



Experiments



**Robotics
Innovation
Facilities
(RIF)**



**Public end-user
Driven
Technological
Innovation (PDTI)**

ECHORD++

Instruments



Experiments



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Experiments

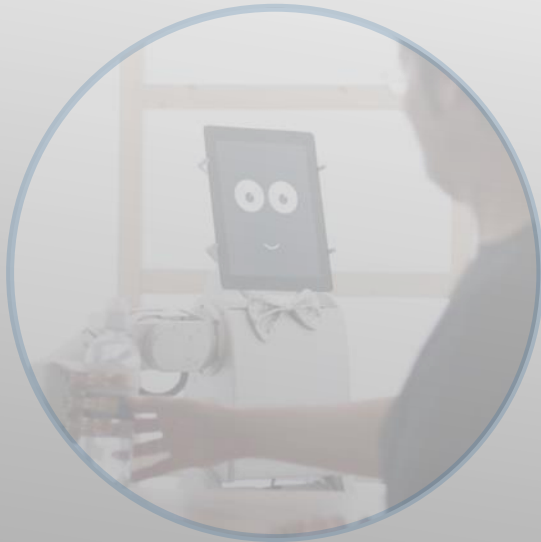
Small to medium sized **scientific research and/or technology development** projects with a clear focus on generation of impact

- Funding ~ 300k€ per experiment
- Duration up to 18 months
- Small consortia, typically 2-3 partners
- No need for 3 different countries
- Next call open late April/May 2015
- **Deadline approx. end of June 2015**
- **Interaction with other projects:**
 - Take results from your projects and bring them one step closer to the market
 - Meet at topic workshops organized by ECHORD++



ECHORD++

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Robotics Innovation Facilities (RIF)

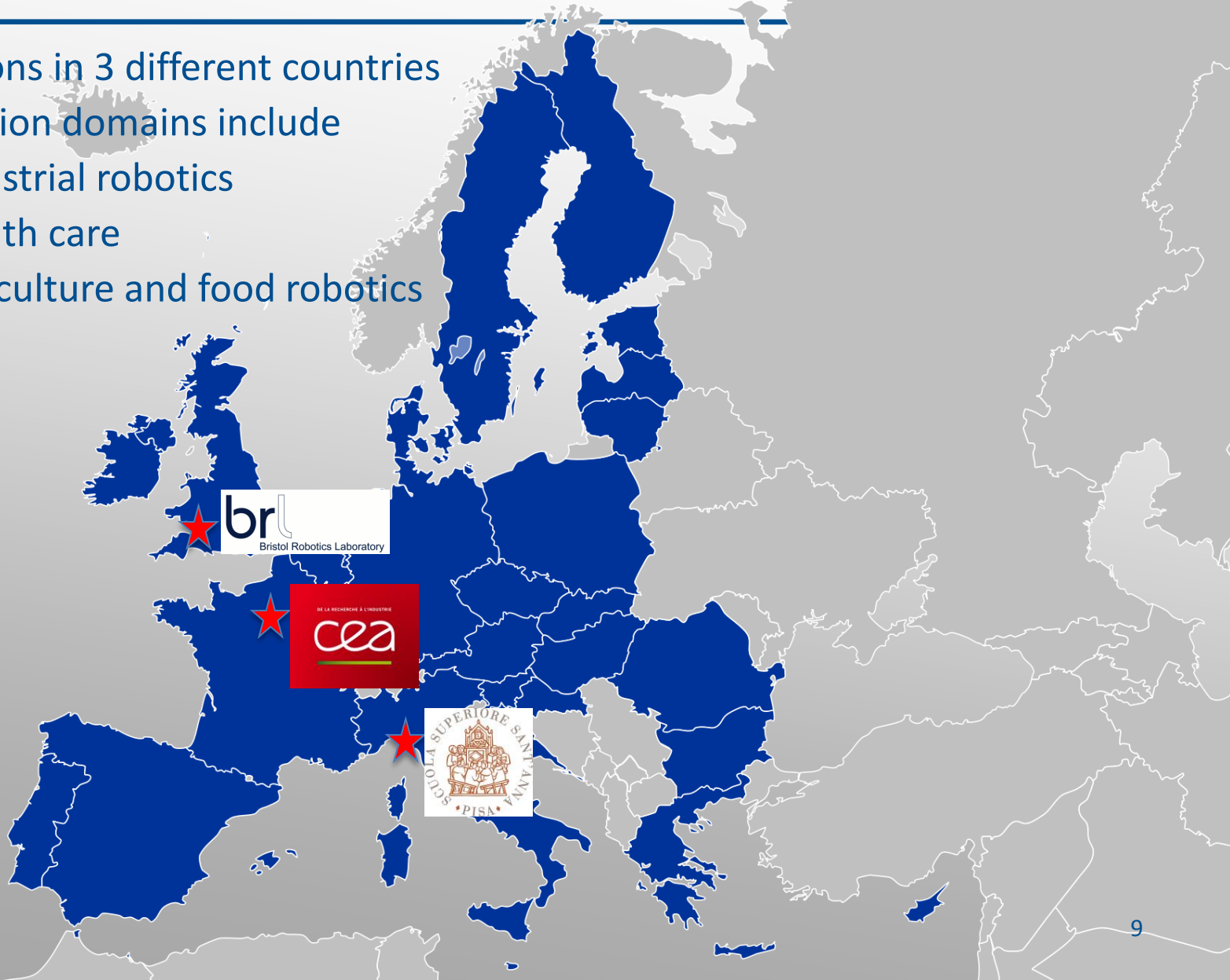
The purpose of the RIFs is:

- To be a **living lab**
- To serve as a **test-beds** for E++ experiments
- To be **central and sustainable showrooms** for end-users and 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

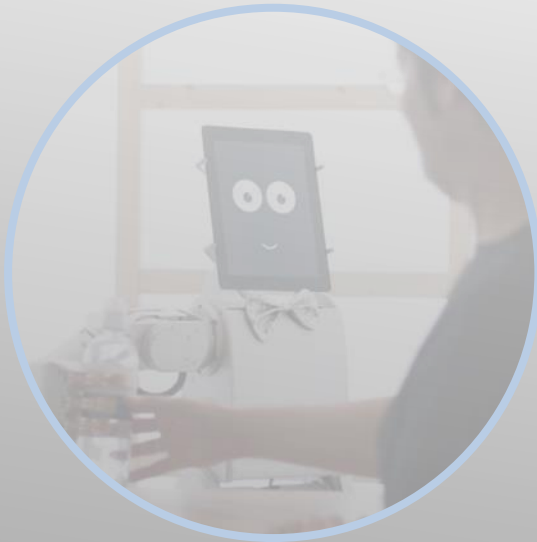
RIF locations

- 3 locations in 3 different countries
- Application domains include
 - Industrial robotics
 - Health care
 - Agriculture and food robotics
 - ...



ECHORD++

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PDTI activities within E++

Open call for R&D consortia to develop system according to challenge descriptions in two scenarios:

Healthcare

Comprehensive Geriatric Assessment

Urban Robotics

Sewer Inspection

Objectives

- Finding the ideal way of integrating public bodies in the development of robotics technology.
- Test the selected solutions in the scenarios.

Deadline for R&D proposals: 14.3.2015

See www.echord.eu/pdti/pdti-call

Linkage to other projects via RIFs



- Use RIFs to go the next step, e.g. after a project is over, especially in case of SMEs
- Get access to additional robotics equipment and experts to support bootstrapping and knowledge transfer
- Participate in dissemination events at a RIF and discuss your results
- Meet projects in similar application areas or with similar needs

Linkage via dissemination activities

- Topic-related workshops involving ECHORD++ experiments and other projects in same application area
- Dissemination activities with high visibility, e.g. AUTOMATICA with links from ECHORD++ to related projects or institutions with own booth
- Meet end-users which are interested in your results



Thank you.

Get engaged!

www.echord.eu

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