

**euRobotics aisbl**

# Overview of Structure and Operations

Tamás Haidegger et al.  
Óbuda University, iROB





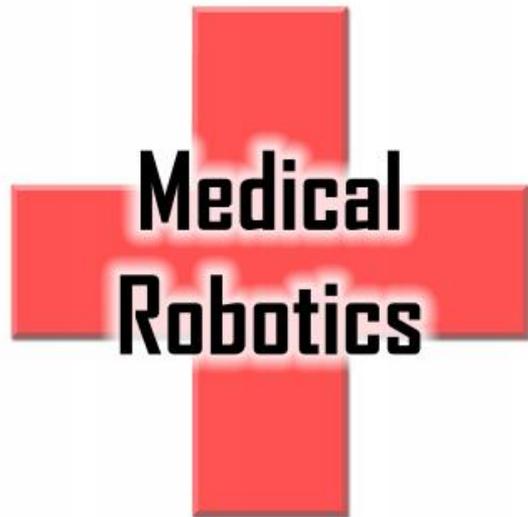
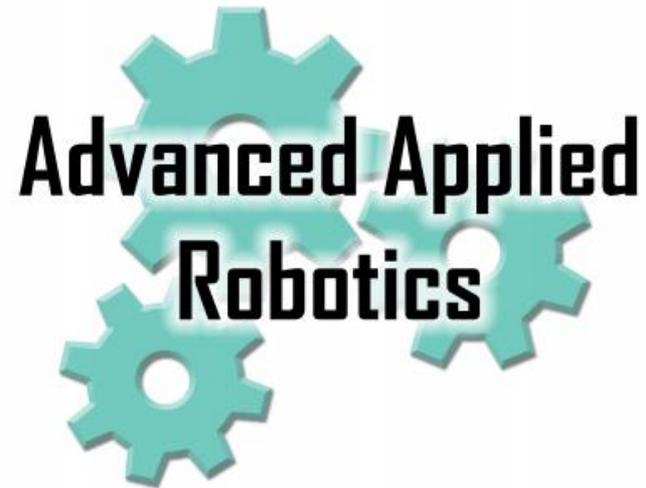
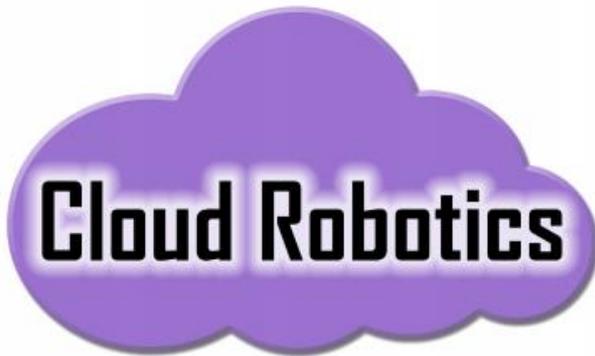
**Óbuda University**

**Antal Bejczy Center for Intelligent Robotics**

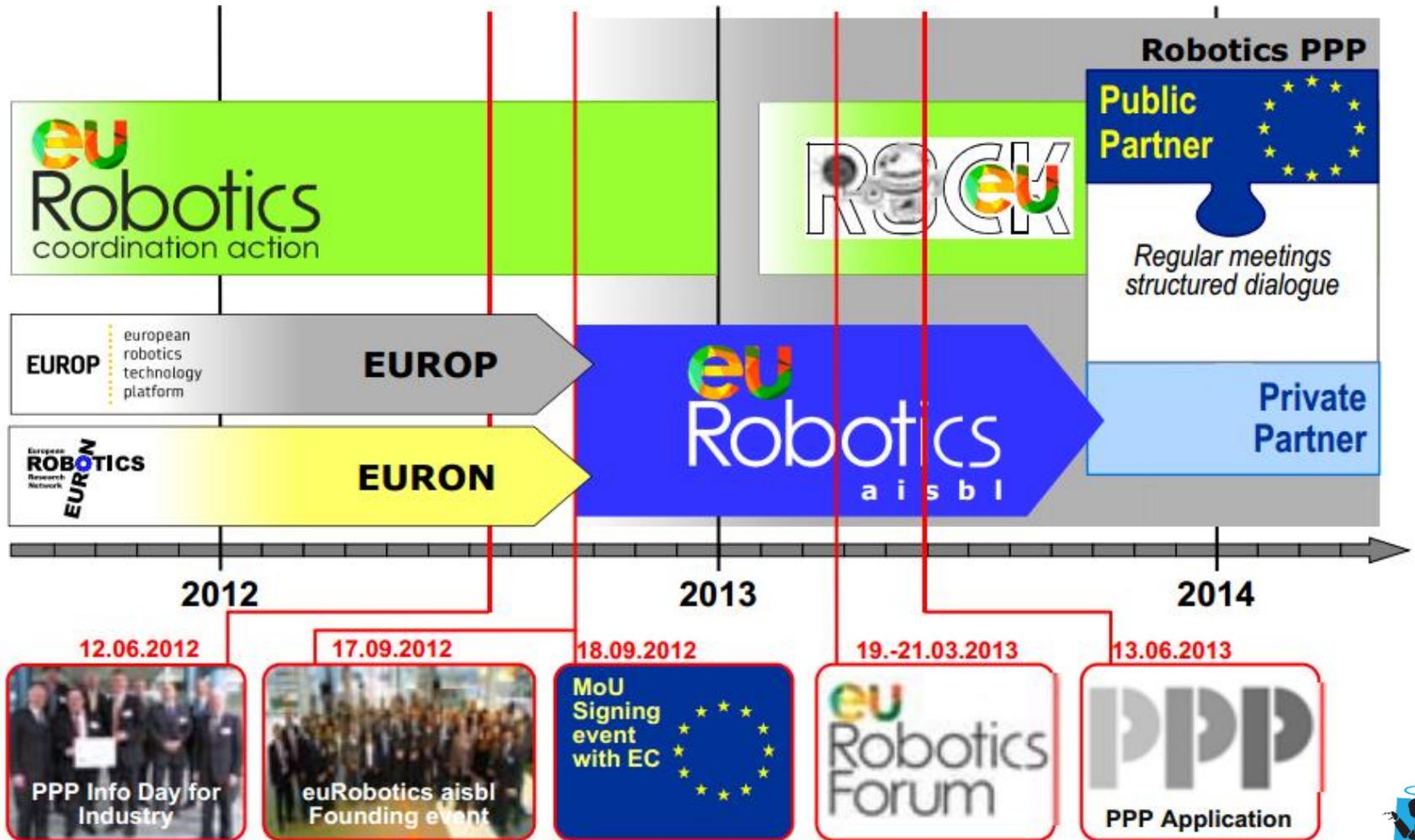
<http://irob.uni-obuda.hu/>

- **Operating as a center of excellence**
- **Founders of CELLI – Central European Living Lab for Intelligent Robotics**
- **euRobotics aisbl members**
- **Center of IEEE national and international activities**
- **Director: Prof. József Tar, deputy: Tamás Haidegger**

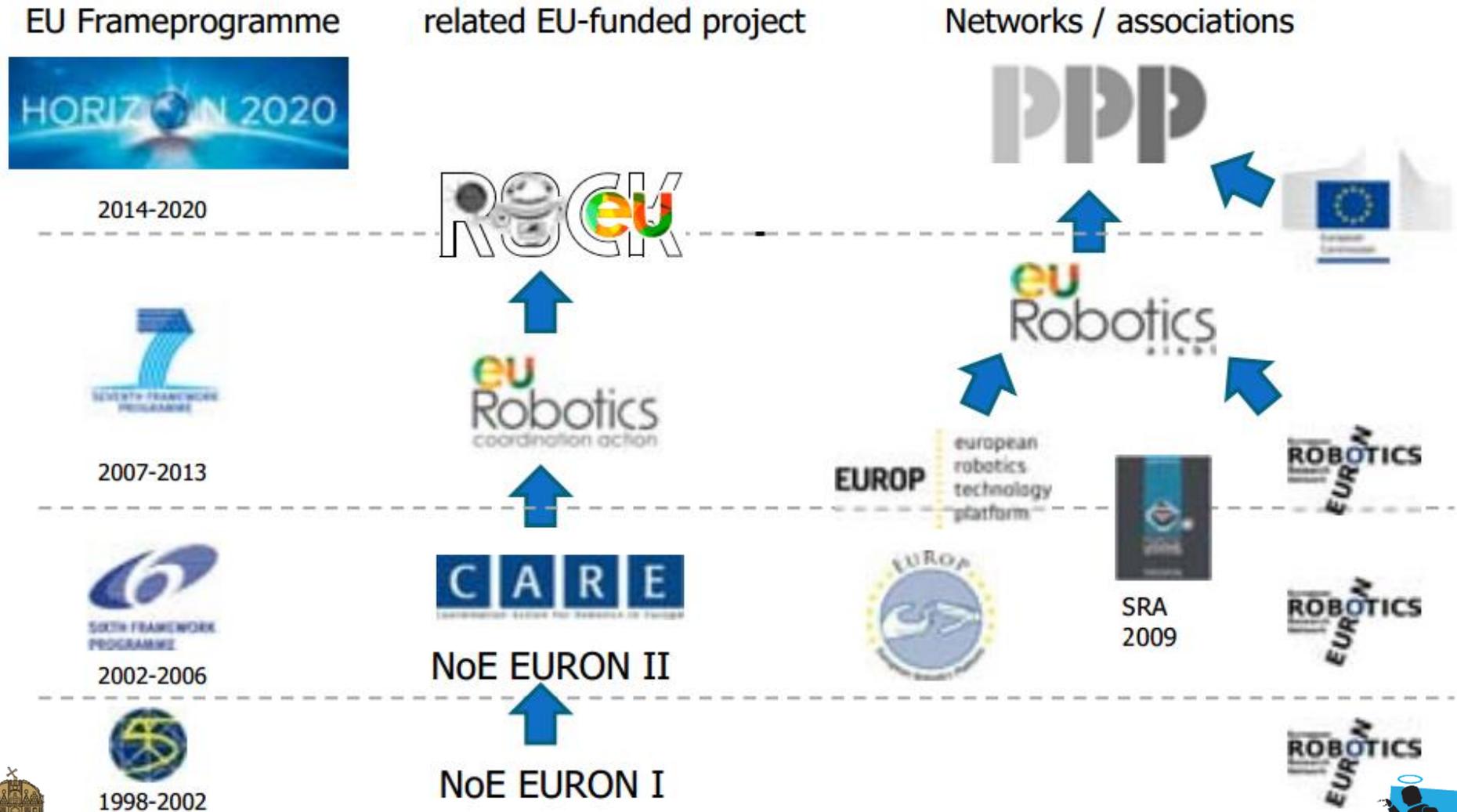




<http://www.eu-robotics.net>

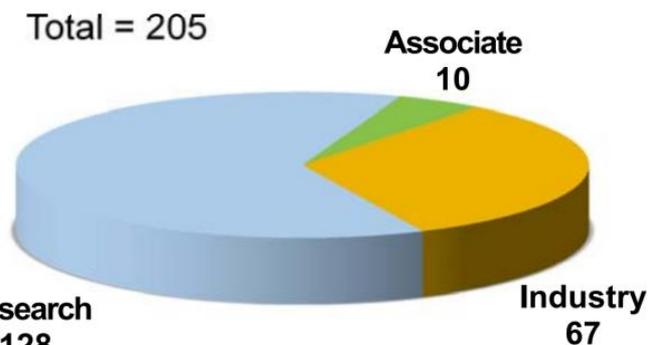
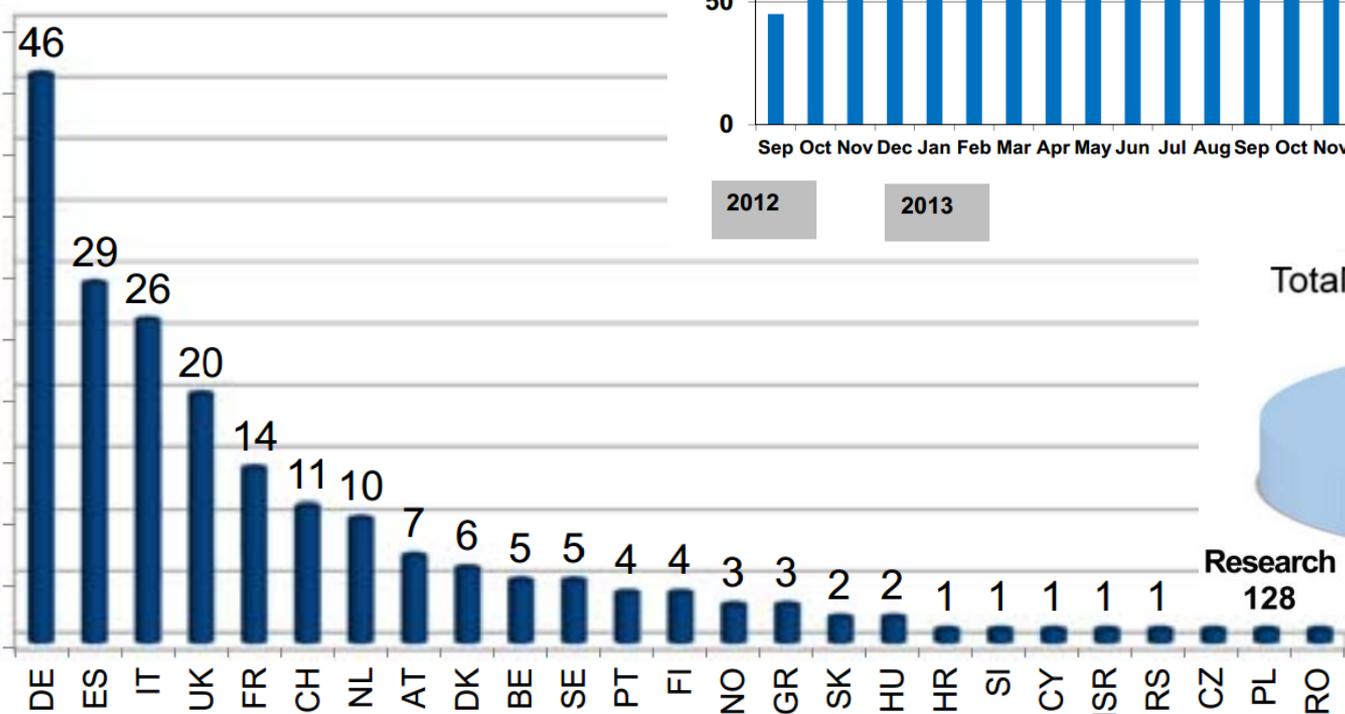
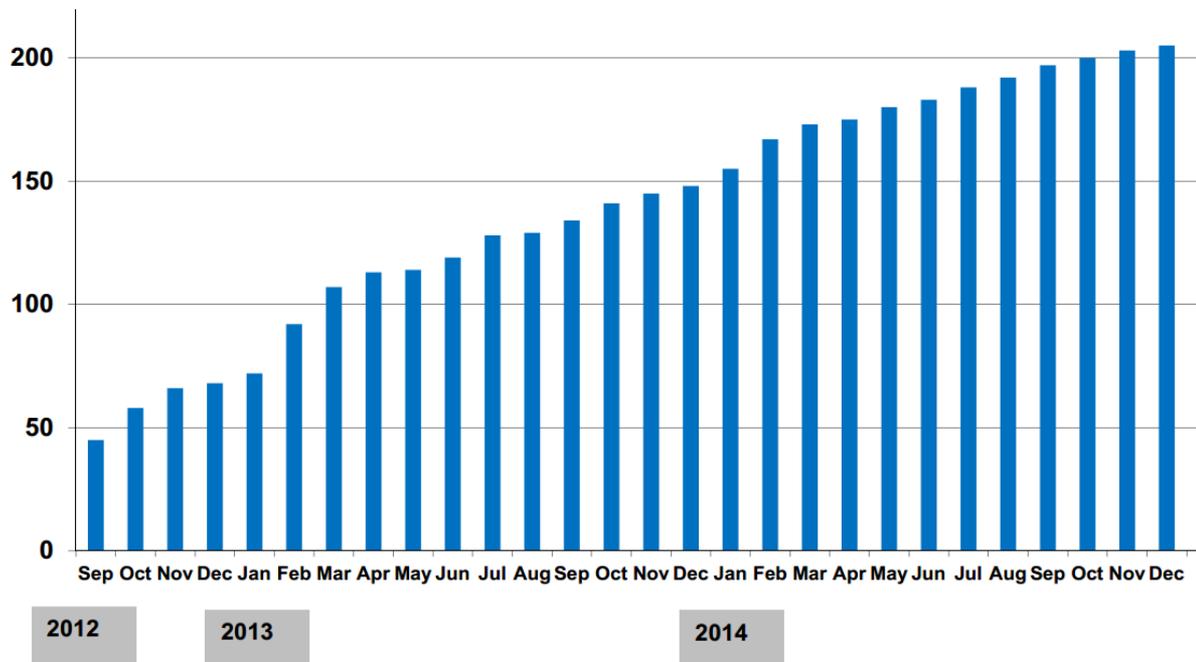


# Origins of euRobotics



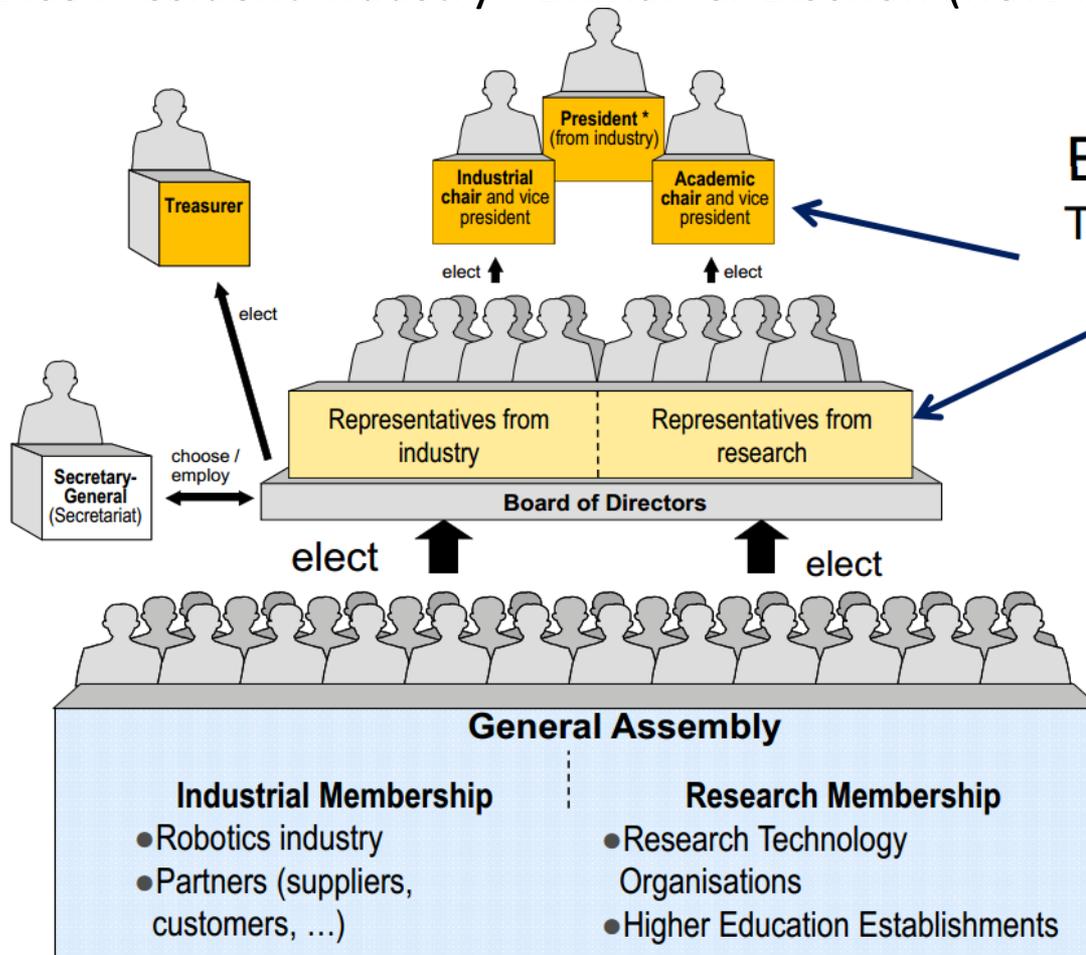
## Hungarian members:

- MTA SZTAKI
- Óbuda University



# Organizational structure

- euRobotics President - Dr Bernd Liepert (KUKA)
- euRobotics Vice President Research - Prof Herman Bruyninckx (KU Leuven)
- euRobotics Vice President Industry - Dr. Rainer Bischoff (KUKA)



## ELECTIONS

Term of Office for  
Presidium and  
Board of  
Directors ends  
in March 2015



# Topic Groups

- 28 Topic Groups
- Responsible for strategic documents

Aerial Robots

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Agricultural Robots

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Autonomous Navigation

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Benchmarking and Competitions

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Bio-Inspired Robots

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Civil Robots

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AI and Cognition in Robotics

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Robot Companions for Assisted Living

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Field/Service Robots in unstructured

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Environments

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Healthcare

---

Industrial Robotics

---

Maintenance and Inspection

---

Marine Robotics

---

Mechatronics and Materials

---

Miniaturised Robots

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Natural Interaction with Social Robots

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Perception

---

People Transport

---

Physical Human Robot Interaction

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Software Engineering, System Integration,

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Systems Engineering

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Space Robotics

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Telerobotics and Teleoperation

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Entrepreneurship

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Ethical-Legal-Socio-Economic Issues (ELS)

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Standardisation

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\*) Socially Intelligent Robotics

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\*) Education

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\*) Logistics and Transport

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# SPARC

[www.sparc-robotics.net](http://www.sparc-robotics.net)



SPARC  
The Partnership for  
Robotics in Europe

communicate requirements

industry



SPARC  
The Partnership for  
Robotics in Europe

market relevant research and  
development in robotics

innovation in robotics  
through knowledge transfer

new business creation

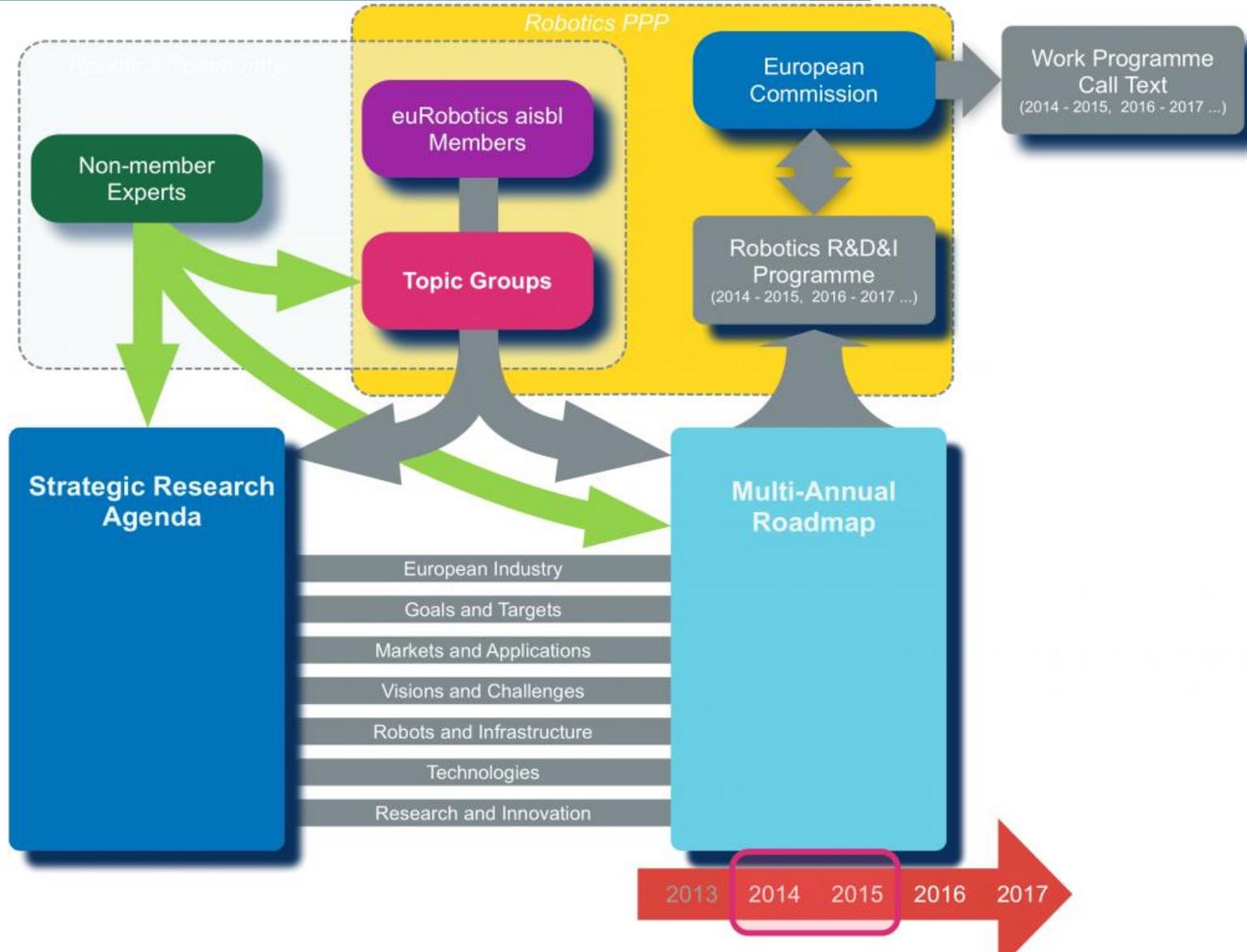
academia

communicate abilities  
transfer skills

market knowledge  
entrepreneurship  
skills  
common  
terminology



# Working model



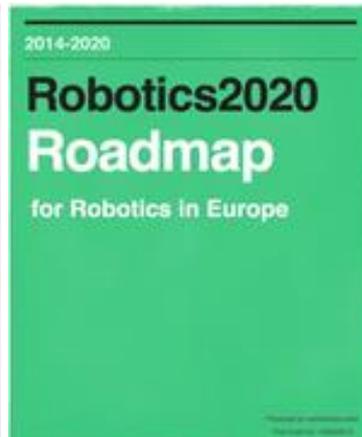
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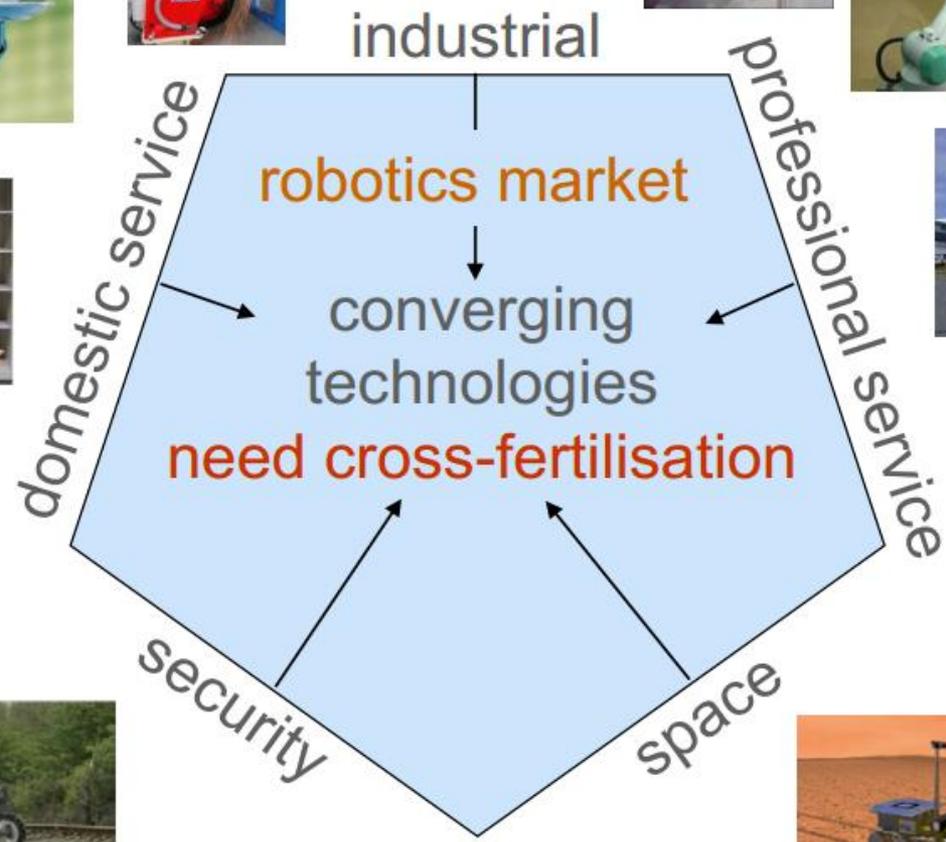
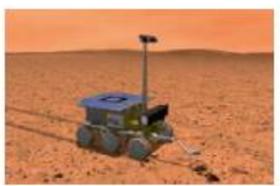
## Robotics 2020

For Robotics in Europe

Call 2 ICT24 (2015) – Horizon 2020

*Release B 06/02/2015*





# European Robotics Forum

ERF2015: Vienna, Austria March 11-13.

<http://erf2015.eu/>



[www.robotics-labs.eu](http://www.robotics-labs.eu)

## 23-29 December, 2015

- 2014 saw a 30% increase in organised events
- 500 robotics events took place in 22 European and associate countries
- The top number of events were organised in Spain (190) and Italy (93)
- Events at both SZTAKI and OU



# Antal Bejczy Center for Intelligent Robotics

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[www.irob.uni-obuda.hu](http://www.irob.uni-obuda.hu)

