

Horizon 2020 and the Robotics PPP

Horizon 2020 is the financial instrument implementing the Innovation Union, a Europe 2020 flagship initiative aimed at securing Europe's global competitiveness. Running from 2014 to 2020 with a proposed indicative budget of €80 billion, the EU's new program for research and innovation is part of the drive to create new growth and jobs in Europe.

The **Horizon 2020** proposal includes the establishment of so called Public-Private Partnerships (**PPP**) to strengthen Europe's competitive position in a particular business sector.

A European robotics PPP will boost research and innovation in this field and will foster a positive perception of robotics. It will aim at:

- strengthening competitiveness and ensuring industrial leadership of manufacturers, providers and end users of robotics technologies and services
- the widest and best uptake of robotics technologies and services for professional and private use
- the excellence of its science base.

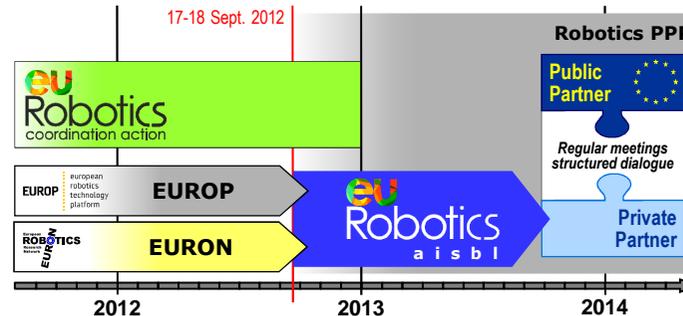
To achieve this mission, both public and private side collaborate on the definition and implementation of strategic roadmaps for research, development and innovation until 2020.

Goals of the Robotics PPP

1. Develop strategic goals of European robotics and foster their implementation
2. Improve industrial competitiveness of Europe through innovative robotic technologies
3. Position robotic products and services as key enablers for solving Europe's societal challenges
4. Strengthen networking activities of the European robotics community
5. Promote European robotics
6. Reach out to existing and new users and markets
7. Contribute to policy development and addressing ethical, legal and societal issues

Towards a European Robotics PPP

The *European Robotics Coordination Action* **euRobotics** has been preparing the future private side of the Robotics PPP, based on the existing organisations *EUROP* and *EURON*. The non-profit organisation **euRobotics aisbl** was formed to engage from the private side in a contractual PPP with the European Union as the public side.

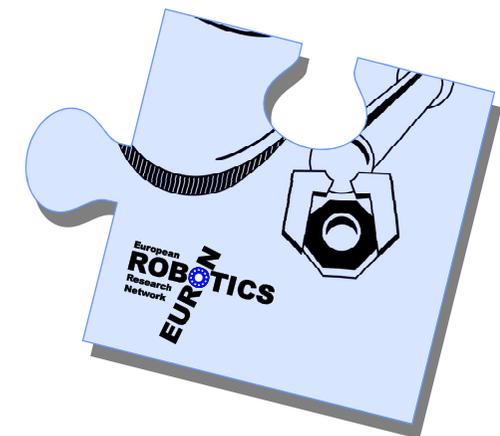
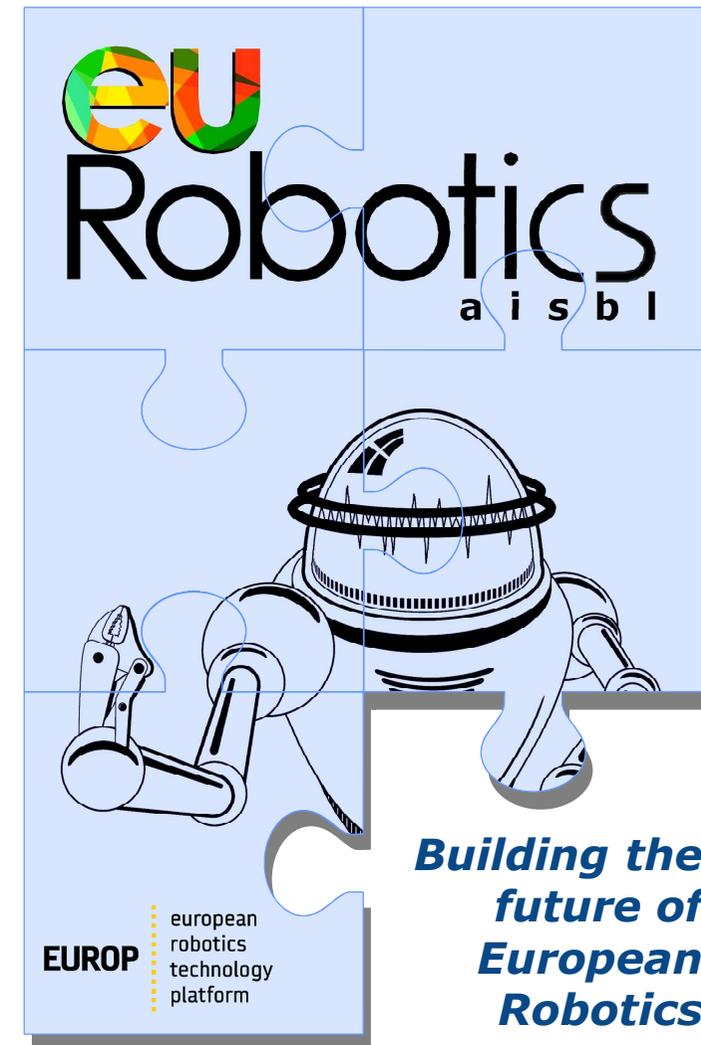


euRobotics aisbl was established on 17 September 2012 by 35 founding members from robotics industry, academia and research institutes.



On 18 September representatives of **euRobotics aisbl** and Neelie Kroes, European Commissioner for the Digital Agenda, signed a **Memorandum of Understanding**. In this **MoU** the parties express their commitment for the preparation of a **PPP** in Robotics and a bigger and better robotics sector.

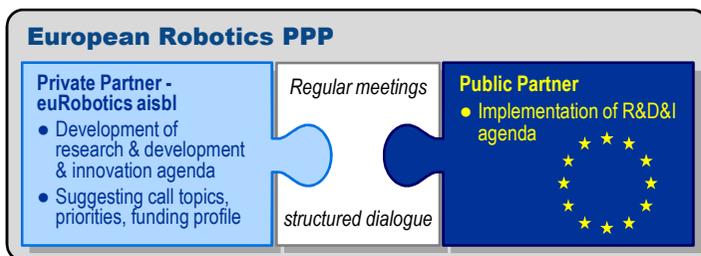
For further information:
www.eu-robotics.net
info@eu-robotics.net



A PPP for European Robotics

In general, '*public-private partnership*' (**PPP**) means a partnership where private sector partners, the *European Union* and, where appropriate, other partners, commit to jointly support the development and implementation of a research and innovation programme or activities.

For the robotics sector, it has been decided to represent stakeholders through a non-profit organisation called **euRobotics aisbl**. It has members from the robotics industry (robot makers, component suppliers, system integrators and service providers), from academia and research, and from users of robotic systems, technologies and related services.



The private side develops the research & development & innovation (R&D&I) agenda and suggests call topics, priorities, funding profiles.

The public side is responsible for the implementation of the R&D&I agenda.

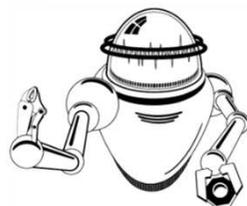
Both partners regularly communicate in a structured dialogue. The type of involvement of the public side in the development of the R&D&I agenda and the definition of funding priorities is currently elaborated.

euRobotics aisbl - private side of the Robotics PPP

The *private side* of the PPP is represented by the non-profit organisation **euRobotics aisbl** (*association internationale sans but lucratif*), which is based in Brussels. Its members have the unique chance to drive the future of European robotics.

Potential members are...

- robot manufacturers
- system integrators
- R&D institutes
- universities
- component manufacturers
- associations and regional robotics clusters
- users of robotic technology and services



Membership

Members do not have to be a legal entity, but need to have a representative. Members can be departments, laboratories or groups of larger entities. Members with voting rights fall in either of two categories *industry* or *research*, each including further subcategories:

Industry membership

- Companies pursuing research, design, development and / or manufacturing of robots in Europe
- Companies having a partnership relationship to the robotics industry, either as supplier or customer.

Research membership

- Research Technology Organisations (RTO)
- Higher Education Establishments (HES), such as universities.

Associate membership comes without voting rights. It is open to all stakeholders in robotics not falling into the categories above, such as trade unions, non-governmental organisations, and regional clusters.

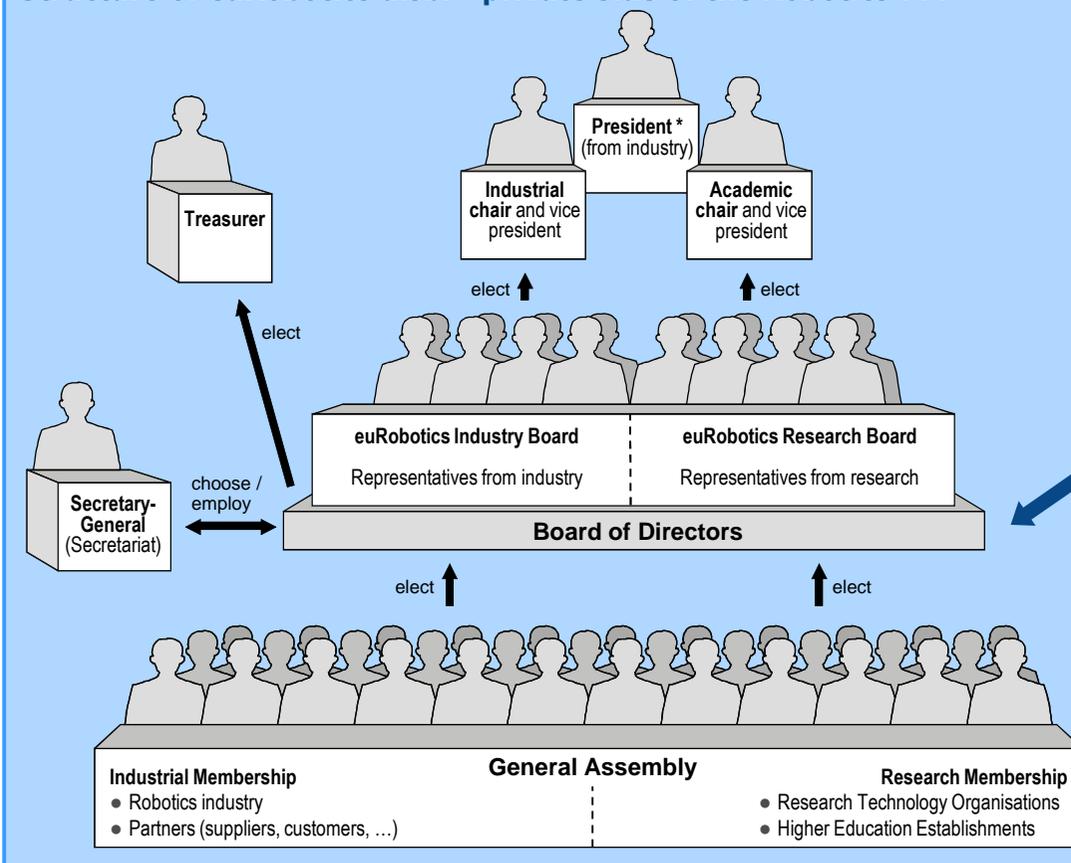
euRobotics aisbl is *self-sustained* through membership fees, which depend on the turnover or budget of the member.

The membership fee includes a certain number of free registrations to the annual **European Robotics Forum**, at which the association's yearly member assembly will be held.

| Companies: turnover RTOs and HES: budget* | Fee | Free registrations to the European Robotics Forum |
|---|-------------|---|
| <= 2 Mio Euro | 950 Euro | 1 |
| > 2-10 Mio Euro | 2,500 Euro | 2 |
| > 10-50 Mio Euro | 5,000 Euro | 3 |
| > 50-100 Mio Euro | 10,000 Euro | 4 |
| > 100 Mio Euro | 15,000 Euro | 5 |

* maximum fee for RTO and HES members is 5,000 Euro

Structure of euRobotics aisbl - private side of the Robotics PPP



Organisation Structure

euRobotics aisbl has a balanced representation of industry and research in its Board of Directors.

Communication with the EC

A well known representative of European robotics is suggested by the board of directors and elected by the general assembly as President to represent the organisation vis-à-vis political institutions at highest levels.