



Decision of the Governing Board of the ECSEL Joint Undertaking

Adopting the Public Declaration on the Vision, Mission and Strategy of the ECSEL Joint Undertaking (Electronic Components and Systems for European Leadership)

The ECSEL Joint Undertaking is a public-private Joint Technology Initiative developing key enabling technologies and world-leading know-how for the digital era. It is carried out by European industry, research and technology organisations and supported and co-financed by 29 Participating States and the European Union.

About our Vision¹

The world, including Europe, is becoming digitalized rapidly and this brings huge opportunities.

But what does this actually mean for the European citizen?

It will let them live longer and healthier, in an environment with less pollution, to enjoy safe and flexible mobility, and have more time for the things they really like to do.

All these benefits are based on smart products and smart services, enabled by very advanced electronics and software. Therefore, it is essential that Europe keeps a leading position in advanced electronics to ensure that all citizens can benefit from these technologies while assuring their security, safety and privacy.

About our Mission

The European advanced electronics industry is working to develop, manufacture and market essential electronic components, systems and software to safeguard jobs and the wellbeing of European citizens, but must fight against strong global competition: action is needed to

¹ The exact wording of the Vision, Mission and Strategy of the ECSEL Joint Undertaking can be found in the ECSEL Multi Annual Strategic Plan (MASP) at www.ecselju.eu/documents

keep Europe up front and remain independent of the rest of the world for these important technologies.

Our mission is to ensure that European industry and research institutes remain at the forefront of these increasingly complicated technologies, to keep jobs and know-how in Europe.

About our Strategy

The complexity of the products and services mean that no single company or country can master all technologies on their own. Companies, institutes and countries need to cooperate to achieve the mission.

The ECSEL Joint Undertaking drives cooperative research and innovation in Electronic Components and Systems between companies (big and small), institutes, the European Commission and National agencies.

This Public Private Partnership creates unique cooperation eco-systems by funding research and innovation projects in areas that are important to Europe's citizens:

- Health (cost-effective health-care),
- Mobility (accident-free transport),
- Production (clean, efficient factories), - Smart Society (safe and enjoyable cities)
- and - Energy (sustainable power).

These are supported by five technology domains:

- Integrated circuits ("chips"),
- Software,
- Miniaturisation,
- System design, and
- Cyber-security and Safety.

In addition to annual calls for proposals, ECSEL launches "Lighthouse Initiatives", to ensure that new knowledge is used effectively. These are combinations² of several projects supporting specific markets. Next to technical aspects, these initiatives focus on related areas where public-private interaction is essential for finding solutions, such as safety and security, standardisation, and regulation. Lighthouse Initiatives will help to make sure that all the work done results in real benefits, for industry as well as for citizens.

It is already very clear that more and more items of everyday life – products, services and industrial processes - rely fully on electronics and software.

² Projects in a Lighthouse Initiative can be a combination of ECSEL funded projects and invited projects from EC H2020, EUREKA and National agencies.

ECSEL has the ambition to mobilise close to 5 billion Euro of R&D&I funding by 2020, with a contribution of 1.17 bn from the European Union, the same from the ECSEL Participating States, and roughly 2.5 bn provided by industry including SMEs.

Members of the ECSEL Joint Undertaking

The members of ECSEL are three industry associations (AENEAS, ARTEMIS-IA and EPoSS) representing leading European enterprises, the European Union represented by the European Commission, and 29 ECSEL Participating States (26 EU Member States and 3 Horizon 2020 Associated Countries).



Done in Brussels, on 6th June 2017,

A handwritten signature in black ink, which appears to read 'Andrea Cuomo'. The signature is written in a cursive style and is underlined with a single horizontal stroke.

Andrea Cuomo
Chairperson of the Governing Board