The role of Industry Associations in the ECSEL Joint Undertaking

by Caroline Bedran, Director General AENEAS

ECSEL Coordinators Day, 10/03/2021
The 3 Industry Associations represent Industry in the ECSEL JU tri-partite partnership (PPP)
Commitments in ECSEL JU PPP and services delivered by Industry Associations

- Industry Associations represent the interest of their members in the ECSEL Governing Board for the strategy and management of ECSEL
- Industry Associations generate the ECS SRA which is the basis of the MASRIA, MASP and Work-Plan
- Industry Associations organize a yearly stakeholders forum at EFECs facilitating networking, consortia building and allowing to get feedback on the ECS SR(I)A
- Industry Associations organize a yearly ECS Brokerage event to stimulate project proposals
- Industry Associations advocate for the topics and funding conditions towards the EC, the EP, and the Council
- Industry Associations co-design ECSEL2/KDT with the EC and the Member States
- Members of the Associations have 2 major obligations:
  1. To deliver IKOP (In-Kind Contribution which is expenses – grants) up to 1.7B€ in ECSEL
  2. To contribute to financing the ECSEL JU Office via the Industry Association
Industry Associations do not make profit

Membership is voluntary and allows members to benefit from services provided by the Associations related to ECSEL, together or individually (e.g., SRIA, EFECS, Brokerage, SME actions, etc).

Financial contributions asked by the Industry Associations from their members are to contribute to the costs of their own services and contribute to the mandatory co-financing of the ECSEL JU Office.

The more members to cover the costs, the lower the costs for each.

Projects Coordinators are recommended to convince project participants to become members of one of the Industry Associations.

Industry Associations provide a model PCA (Project Consortium Agreement) on their website to help the Project Coordinators.

Do not hesitate to contact Industry Associations for help!
Role of the 3 Industry Associations in the RD&I landscape

AENEAS, ARTEMIS-IA & EPoSS represent the ECS industry

Aeneas

Active in ECSEL

Operates EUREKA PENTA and EURIPIDES

ARTEMIS is THE association for Advanced Research and Technology for EMbedded Intelligent Systems

ARTEMIS-IA was a founding member of AIOTI, the Alliance for Internet of Things Innovation.

ARTEMIS Industry Association

Active in ECSEL

ECSEL JU

Active in ECSEL

ECSEL JU

Active in ECSEL

ECSEL JU

Aligned priorities and strategy with EURIPIDES²

Partner of the cPPP «European Green Vehicles Initiative Association»
R&D&I Strategic Research Agenda “ECS SRA”

- Basis of ECSEL Calls
- Open to all to contribute

SHAPING

> 200 EXPERTS

ESSENTIAL CAPABILITIES

KEY APPLICATION AREAS

EUREKA

ECSEL JU

MASRIA, MASP, WP

Electronic Components & Systems
ECS SRA (2018-2020)

Basis for RD&I activities in ECS in Europe

KEY APPLICATION AREAS

- Transport & Smart Mobility
- Health & Well-Being
- Energy
- Digital Industry
- Digital Life

ESSENTIAL CAPABILITIES

- Systems and Components
  Architecture, Design & Integration
- Connectivity & Interoperability
- Safety, Security & Reliability
- Computing & Storage
- ECS Process Technology, Equipment, Materials & Manufacturing
2021-2027 SRIA
Strategic Research and Innovation Agenda

- Basis for R&D&I activities in ECS in Europe
- Open to all to contribute
New SRIA structure

1. FOUNDATIONAL TECHNOLOGY LAYERS
   - 1.1 Process Technologies, Equipment, Materials and Manufacturing
   - 1.2 Components, Modules and Systems Integration
   - 1.3 Embedded Software and Beyond
   - 1.4 System of Systems

2. CROSS-SECTIONAL TECHNOLOGIES
   - 2.1 Artificial Intelligence, Edge Computing and Advanced Control
   - 2.2 Connectivity
   - 2.3 Architecture and Design Methods and Tools
   - 2.4 Quality, Reliability, Safety and Cybersecurity

3. ECS KEY APPLICATION AREAS
MoU between AENEAS, ARTEMIS-IA and EPoSS serving the needs of the Electronic Components and Systems (ECS) industry

A toolbox serving Industry

Common ECS vision, mission and strategy

One Voice ‘3A’

Joint position papers

ECS Strategic Research & Innovation Agenda: SRIA 2021

ECS Brokerage event

EF ECS

ECT
How to enlarge the role of Industry Associations in ECSEL and KDT?

- Industry Associations must increase their **visibility** and explain their role.
- Associations have **no insights in the projects** and project reviews, in contrast with the situation in EUREKA Clusters.

Q&A: What additional services would project participants that are a member of the association(s) like?

Mentoring, participation at project reviews, or at review rehearsals, ....
Thank you for your attention

AENEAS Industrial Association – [https://aeneas-office.org/](https://aeneas-office.org/)

ARTEMIS Industrial Association - [https://artemis-ia.eu/](https://artemis-ia.eu/)

EPOSS - [https://www.smart-systems-integration.org/](https://www.smart-systems-integration.org/)