R&D&I landscape and the role of Industry Associations

By Caroline Bedran, AENEAS Director General
MoU related to intensified cooperation between AENEAS, ARTEMIS-IA and EPoSS

Main missions 2019-2020

1. **Strengthening** the European ECS ecosystem, facilitating **networking & collaboration**

2. **Representing** the interests of the ECS community in ECSEL and in EUREKA

3. **Shaping the future** of KDT under Horizon Europe and of the EUREKA Clusters

4. **Co-designing** with the European Commission and National Public Authorities
MoU related to intensified cooperation between AENEAS, ARTEMIS-IA and EPoSS

Strong cooperation serving the needs of the ECS industry

Common ECS vision, mission and strategy

One voice “3A”

Joint position papers

ECS Brokerage

EFS ECS

ECT

ECS Strategic Research Agenda ECS SRA
Role of the 3 Industry Associations in the R&D&I landscape

AENEAS, ARTEMIS-IA & EPoSS represent the ECS industry

Aeneas

Active in ECSEL
Operates PENTA, hosts EURIPIDES Office
Joint Calls with EURIPIDES² since 2019

Penta
Aims at stimulating R&D&I along the ECS value chain to increase competitiveness and meet societal challenges

ARTEMIS
Active in ECSEL
ECSEL JU

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

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

EPoSS
Active in ECSEL
ECSEL JU

Aligned priorities and strategy with EURIPIDES²
Partner of the cPPP «European Green Vehicles Initiative Association»
The R&D&I funding landscape

- **A set of complementary programmes and funding instruments** supporting R&D&I in the ECS domain

- Ranging **from national funding** (serving national priorities) to **EU funding** (serving European priorities)

- **Operated by dedicated teams or organisations** which launch the calls, organise the evaluation by experts and the selection process with Public Authorities, manage the projects until completion and monitor impact
The R&D&I funding landscape

EUREKA

EUREKA Clusters in ICT

- ITEA3
- Penta
- EURIPIDES²
- CELTIC-NEXT
The R&D&I funding landscape

NATIONAL

TRANS-NATIONAL COOPERATION

EUREKA

EUREKA Clusters in ICT

ITEA3 operated by ITEA Office

PENTA operated by AENEAS

EURIPIDES² operated by EURIPIDES² Office

Celtic-Next operated by EURES.COM
The R&D&I funding landscape

NATIONAL

TRANS-NATIONAL COOPERATION

ECSEL Joint Undertaking

(Represented at ECSEL Governing Board)

Aeneas

Industry
(Private Members)

ECSEL Participating States
(EPS)

European Commission
(EC)
Timeline 2020 of Calls and Events

ECS Brokerage
Brussels
14-15/01/2020

ECSEL Symposium
Brussels
24 or 25/06/2020

ECSEL 2020
Berlin
24-26/11/2020

EFSCE Brokerage
Brussels
14-15/01/2020

ECSEL  PO
22/05/2020

EUREKA event
Vienna
12/10/2020

EUREKA InterCluster Call on IA : one step FPP
15/06/2020

CelticNext Spring Call 2020 FPP
31/03/2020

CelticNext Autumn Call 2020 FPP
Nov 2020 tbc

ICT-36-2020 & ICT-37-2020
DT-ICT-04-2020 & DT-ICT-12-2020
FETPROACT-09-2020
FETPROACT-EIC-07-2020 & FETPROACT-EIC-08-2020

DT-NMBP-23-2020 (2nd stage)

ITEA3 Call6 FPP
13/02/2020

ITEA3 Call7 PO
31/10/2020 tbc

FETPROACT-09-2020

FETPROACT-EIC-07-2020 & FETPROACT-EIC-08-2020

PENTA & E³ PO
28/02/2020

PENTA & E³ FPP
20/05/2020

14/05/2020

5/05/2020

ECSEL PO

16/01/2020

ICT-38-2020
Thank you

Wishing you all a very fruitful event with lots of contacts and great proposals!
H2020 relevant Calls in 2020

- ICT-36-2020 Disruptive photonics technologies
- ITC-37-2020 Advancing photonics technologies and application driven photonics components and the innovation ecosystem
- DT-ICT-04-2020 Photonics Digital Innovation Hubs
- ICT-38-2020 Artificial intelligence for manufacturing
- DT-ICT-12-2020 AI for the smart hospital of the future
- FETPROACT-09-2020 Neuromorphic computing technologies
- FETPROACT-EIC-08-2020 Environmental Intelligence
- FETPROACT-EIC-07-2020 Emerging paradigms and communities
- DT-NMBP-23-2020 Next generation organ-on-chip