



EU funding Opportunities for the Semiconductor Ecosystem

By Caroline Bedran, AENEAS Director General, on 13/06/2022

Aeneas AENEAS members are key industrial players in RD&I along the value chain of Electronic Components and Systems in Europe

Kurt Sievers, President and CEO of NXP Semiconductors, is AENEAS President

AENEAS is a **not-for-profit Industrial Association** representing its members:

- Large industries, Small and Medium Enterprises, Research institutes, Academia and associated org.

AENEAS aims at:

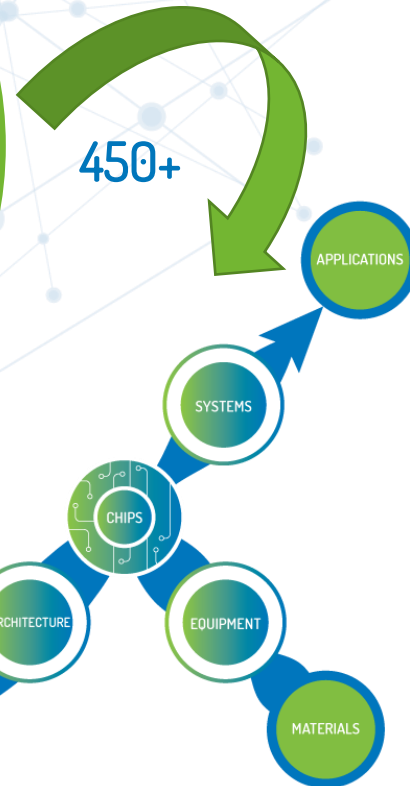
- Fostering **RD&I**
- Creating an effective funding landscape

Supporting the Sustainable Digital transition of Europe:

- To maintain a competitive & resilient position
- To support its economic and societal goals

AENEAS initiates and implements actions that:

- Promote networking, encourage collaboration
- Facilitate access to funding support



Visit <https://aeneas-office.org/>

AENEAS role for the ECS industry

Vision

- Vision shared with other Industry associations on the overall landscape, spread out to **National Public Authorities** and **European Institutions**

Mission

- AENEAS represents the interest of its members in **governance bodies** and fora (Eureka Xecs Cluster and inter-Cluster, KDT Governing Board)

Strategy

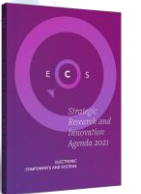
- Together with other industry associations, drives the process to generate the **ECS SRIA** (Strategic Research and Innovation Agenda), basis of KDT and Xecs Calls

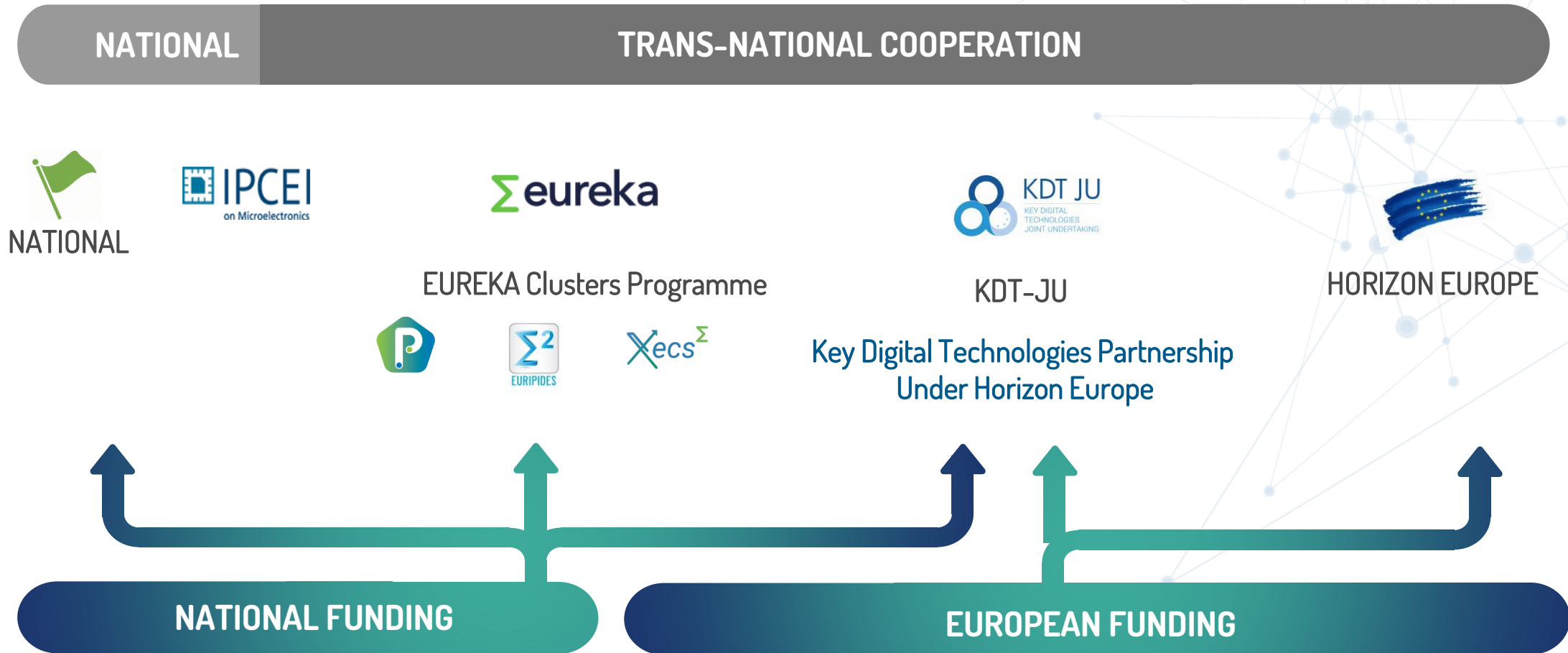
Operations

- AENEAS operates the Eureka Clusters **Penta**, **Euripides** and **Xecs** (launch calls, organize evaluation, discuss with National funding agencies, monitor progress)
- AENEAS participates in a few strategic projects (e.g., CSA COREnect)

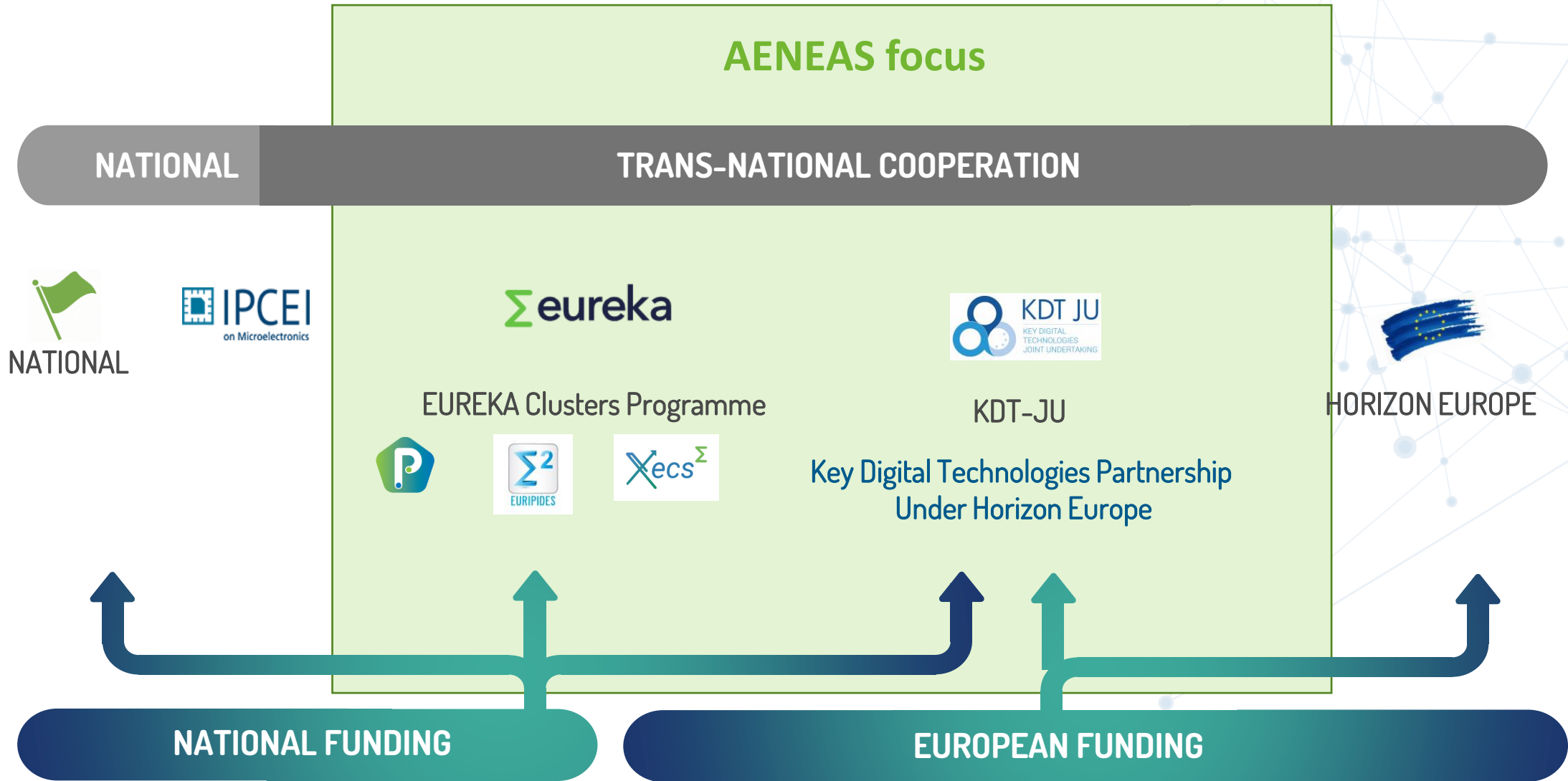
Network

- AENEAS organises several **events** to provide information on collaborative programmes and calls; to consult its **members**; to facilitate networking; to stimulate consortia building





The EU RD&I funding landscape for the ECS industry



- ☞ Eureka is the world biggest public network with more than 45 member countries for **international cooperation in RD&I**, launched in 1985
- ☞ **Clusters** are a joint initiative between Public Authorities and private organisations (Large and small companies, RTOs and universities)
- ☞ **Eureka Clusters Programme** was renewed 2 years ago with the aim to strengthen it
- ☞ **Openness** to other industry communities and newcomers
- ☞ 5 Clusters operate under Eureka: Celtic-Next, Eurogia 2030, ITEA 4, Smart and **Xecs**
- ☞ Joint activities e.g., joint Cluster calls

- ☞ AENEAS operates **PENTA**, **Euripides** and **Xecs** Clusters



PENTA achievements:

- ☞ 6 Calls
- ☞ 34 projects
- ☞ 406 beneficiaries
- ☞ 24 countries involved
- ☞ 385 Mio€ public-private investment

Challenges of the KDT Joint Undertaking (2021-2027)

- Key Digital Technologies is a **tri-partite partnership** under Horizon Europe (2021-2027), implemented as a Joint Undertaking, successor of ECSEL under H2020
- An increased **budget** compared to ECSEL: from 4.8 B€ to **>7B€** over 7 years
- An enlarged **scope** related to Electronics Components and Systems
- Paving the way to the future **Chips JU** under the Chips Act proposal of the EC
- AENEAS, EPoSS and Inside committed on behalf of their industry members to:
 - Contribute in-kind (R&I activities) >2.5B€ (net of grants)
 - Contribute in cash up to 26M€ to the JU admin costs

Industry representation in the KDT Joint Undertaking tri-partite public-private partnership (PPP)



KDT JU

Key Digital Technologies Joint Undertaking

*HE Rules +
Council Regulation on JUs under
HE (Single Basic Act)
& Financial Regulation*

Represented at the KDT Governing Board

Aeneas



EPoSS
European Association on
Smart Systems Integration



Inside
Industry Association

**Industry associations
(Private Members)**

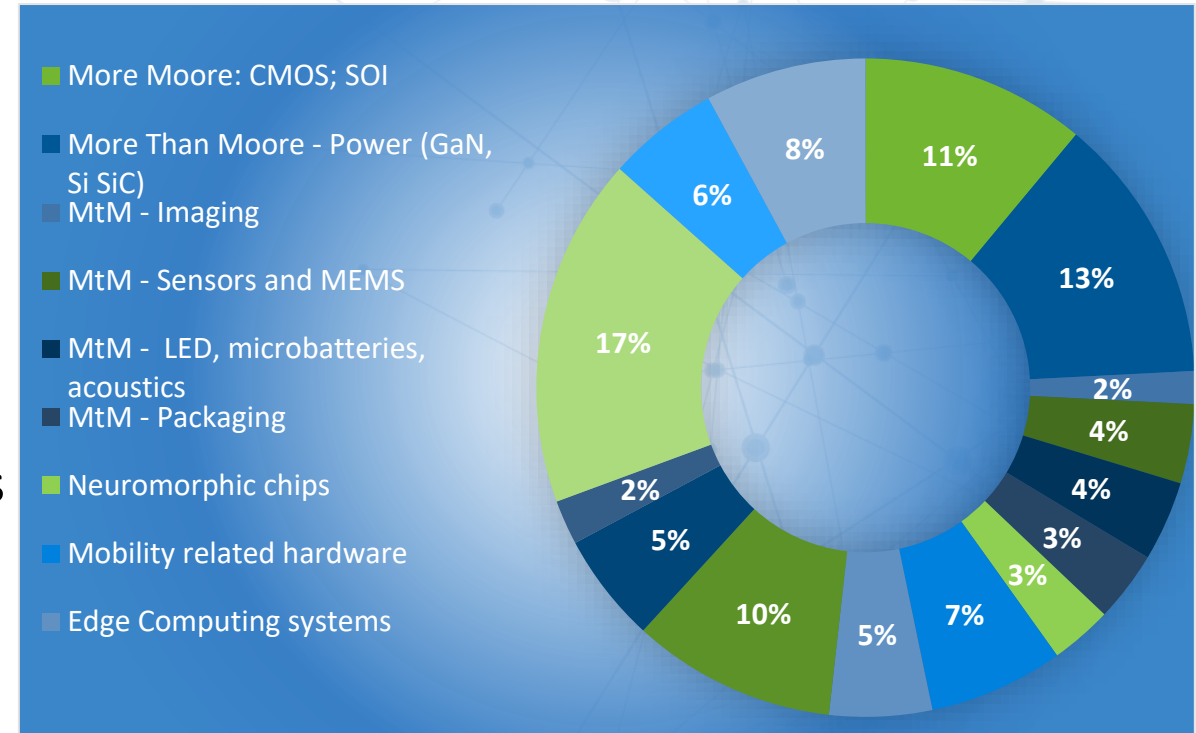


**KDT Participating
States (PS)**



**European Commission
(EC)**

- 96 projects
- 3 220 beneficiaries
- 4.8 billion Euro invested
- 2.3 billion Euro in funding (EU+national)
- On average 5,000 FTE over 7 years
- Participants from 38 countries
- Testimonials from Top Executives of our members



Testimonials from our members

The background of the slide features a complex network of thin, light-colored lines connecting numerous small, semi-transparent circular nodes. These nodes are distributed across the entire frame, with a higher density on the left and right sides, creating a sense of global connectivity and digital infrastructure. The overall color palette is a gradient of blues and teals, transitioning from a darker blue on the left to a lighter teal on the right.

Aeneas

For more information
www.aeneas-office.org