Hungary, national webinar

11.11.2022

Nadja Rohrbach, Xecs Director

For more information:

www.eureka-xecs.com

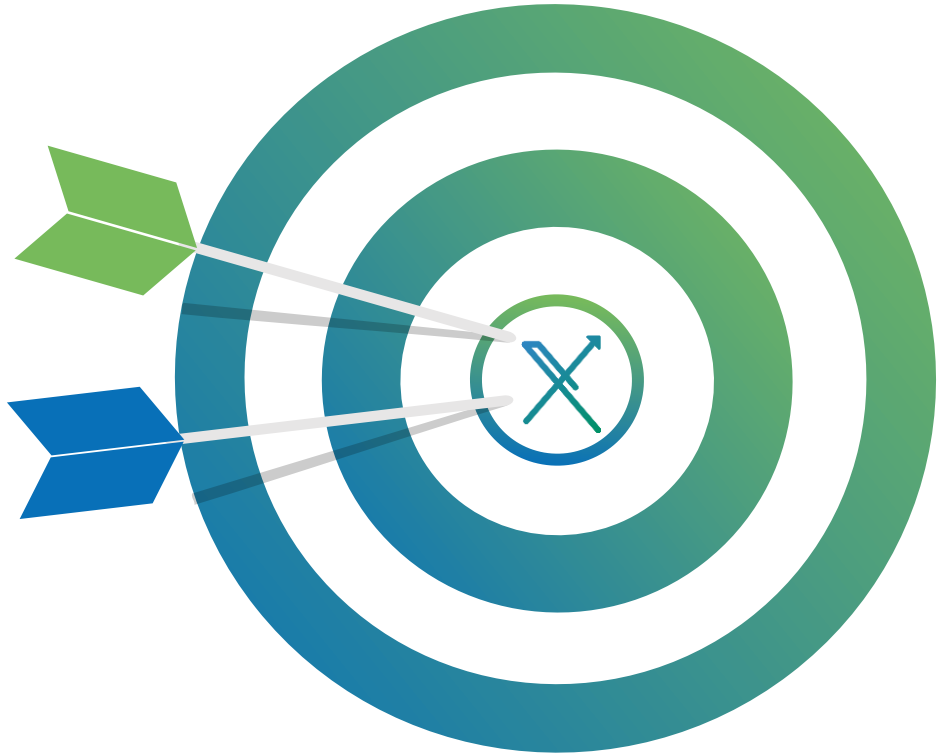
Follow us

Xecs - A Eureka Cluster

Public authorities

Private

- Large enterprises,
- SMEs,
- Universities,
- RTOs



Transnational RD&I

A Eureka Cluster supporting:

- RD&I in the field of Electronic Components & Systems

Xecs is managed and operated by the AENEAS Industry Association, benefiting from:

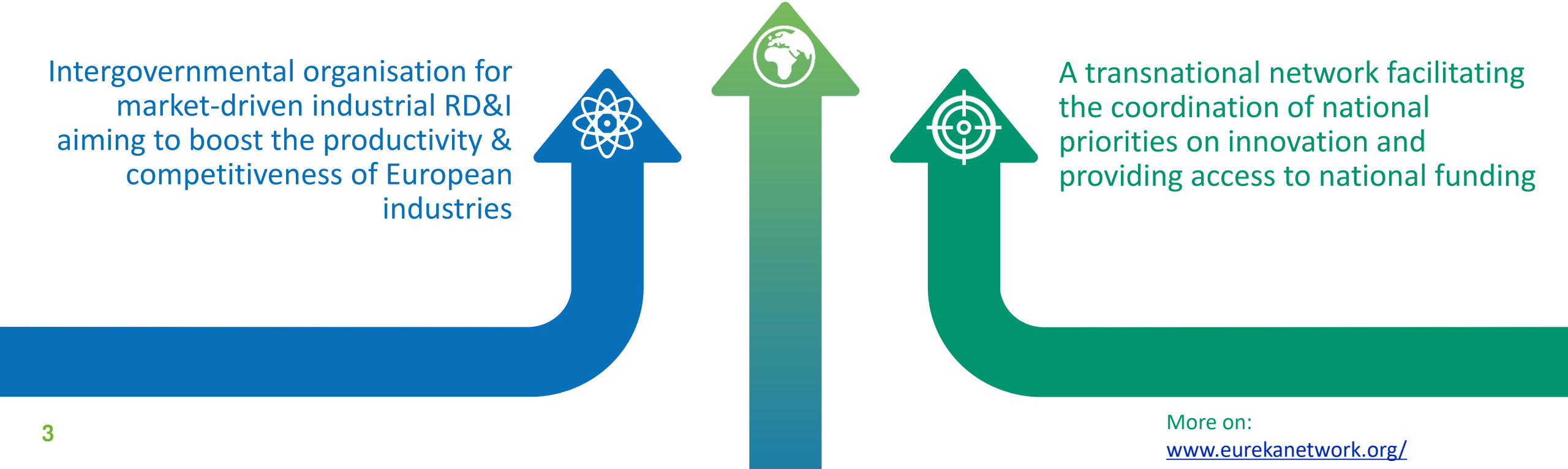
- Complementary activities within the KDT Joint Undertaking
- Direct experience from Catrene, Euripides² and Penta Clusters

Supported also by EPoSS and Inside Industry Associations

What is ∑eureka ?

The world's biggest public network for international cooperation in RD&I, present in over 45 countries.
Mainly European, but also including
Canada, Israel, Singapore, South Africa and South Korea

Intergovernmental organisation for market-driven industrial RD&I aiming to boost the productivity & competitiveness of European industries



A transnational network facilitating the coordination of national priorities on innovation and providing access to national funding

More on:
www.eurekanetwork.org/

Who is AENEAS?

- AENEAS is a not-for-profit Industry Association, with members from Large industries, Small and Medium Enterprises, Research institutes, academia, that catalyses RD&I collaborative activity in the Electronic Components & Systems value chain supporting the development of the digital economy

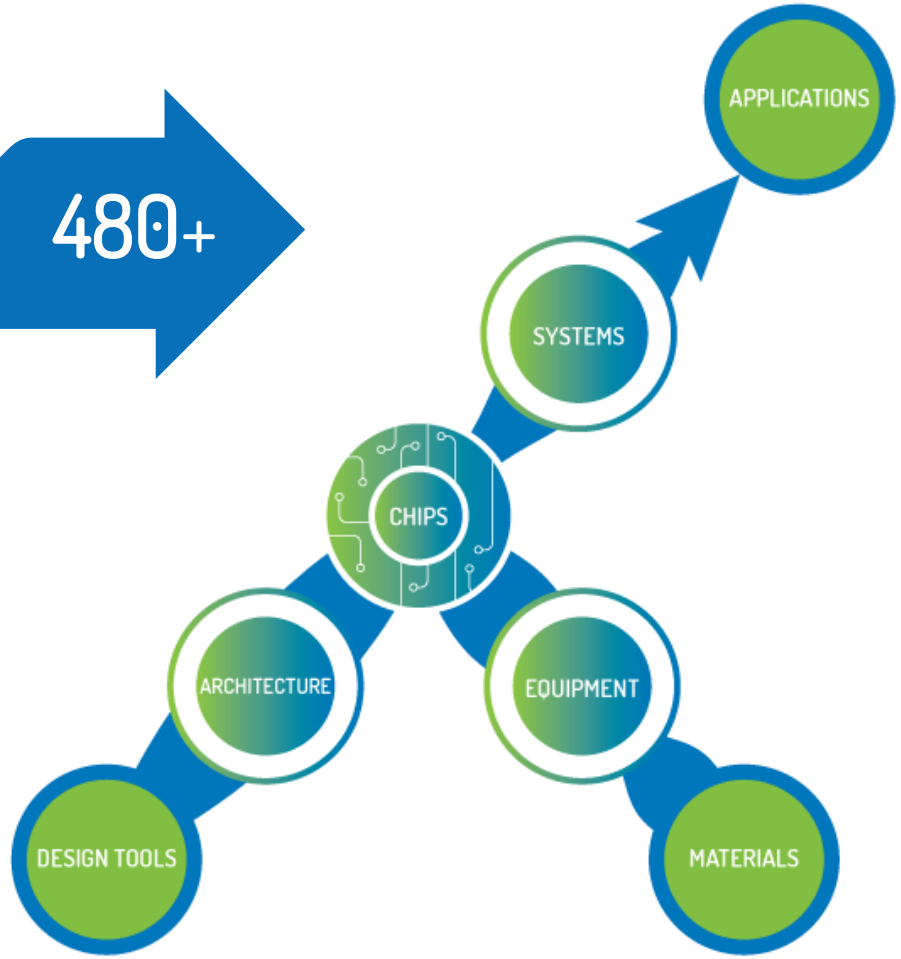
- AENEAS membership is free of charge
- Successful participants are asked a small contribution based on the funding received

AENEAS members are key industrial players

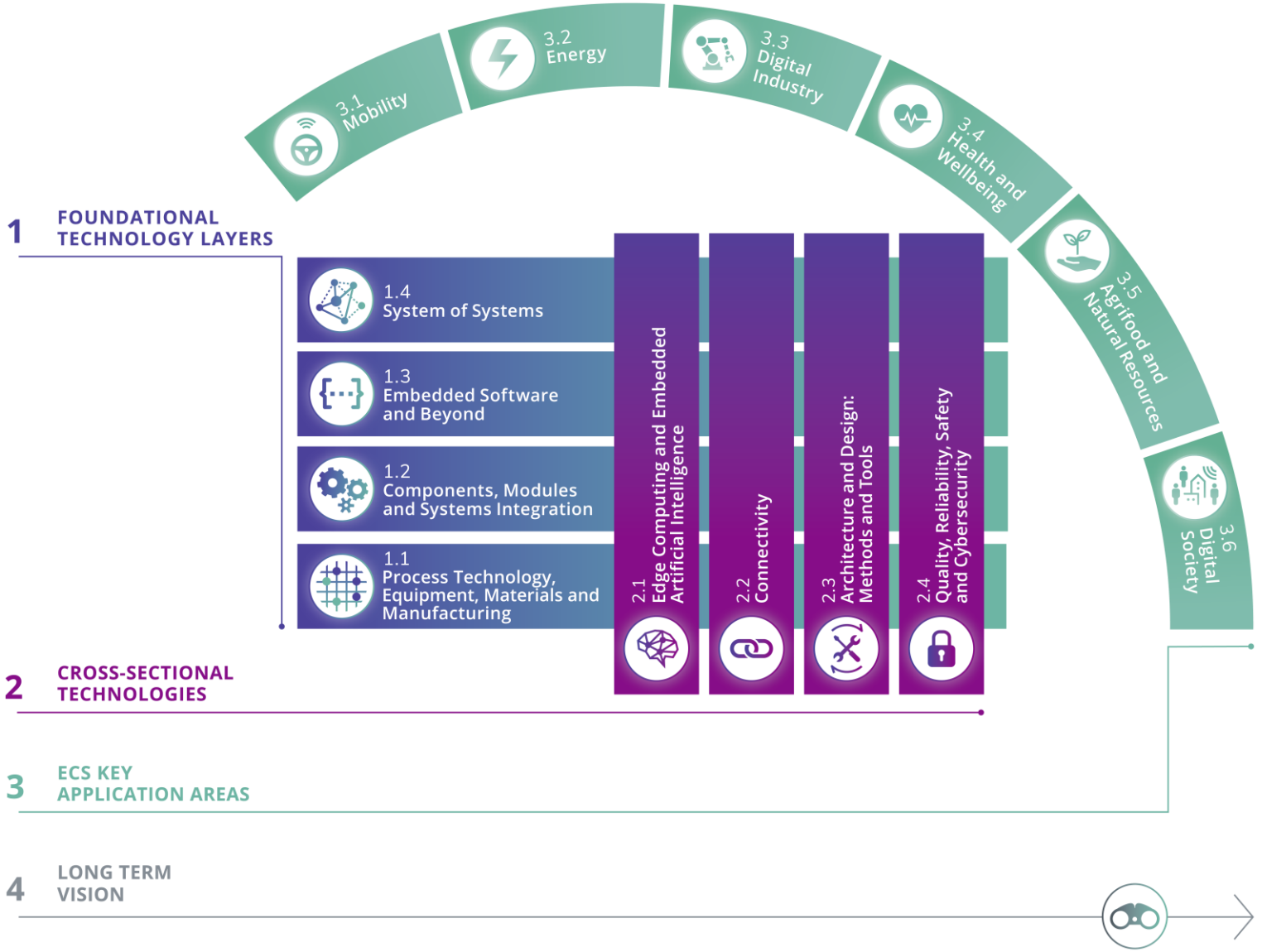
Kurt Sievers, President and CEO of NXP Semiconductors, is AENEAS President

AIRBUS
Adimec
Excellence in Imaging
ASML
BOSCH
Fraunhofer
ibs Innovative Ion Implant
imec
embracing a better life
Infineon
IU.NET
cea
LPE
muRata
INNOVATOR IN ELECTRONICS
NXP
PHILIPS
life.augmented
soitec
RECIF Technologies
ZEISS
We make it visible.
THALES
Volkswagen

480+



New SRIA structure – 2022 Edition–



Funding instrument landscape

Positioning Xecs in the European Funding Landscape

NATIONAL | CROSS BORDER COOPERATION

NATIONAL

EUREKA

AENEAS operates Xecs
AENEAS active at InterCluster level

KDT-JU (CHIPS-JU)

Key Digital Technologies Partnership

AENEAS represents Industry in KDT
(with EPoSS and Inside)

HORIZON EUROPE

NATIONAL FUNDING | EUROPEAN FUNDING

Why participate? 1/2

- To take advantage of trans-national RD&I cooperation and related national funding in a broad range of countries
- To benefit from multiple and diversified partnership opportunities from the ECS community, from the research to the end applications and create impactful collaborative ecosystems
- To increase international visibility
- To stimulate disruptive ideas

Why participate? 2/2

- To lead, or be part of industry-led projects, open to Large Enterprises, SMEs, Research and Technology Organisations and Universities
- To access expertise and get professional guidance coaching and mentoring from industrial experts and the Xecs team
- To boost competitiveness and accelerate growth
- To shorten time-to-market

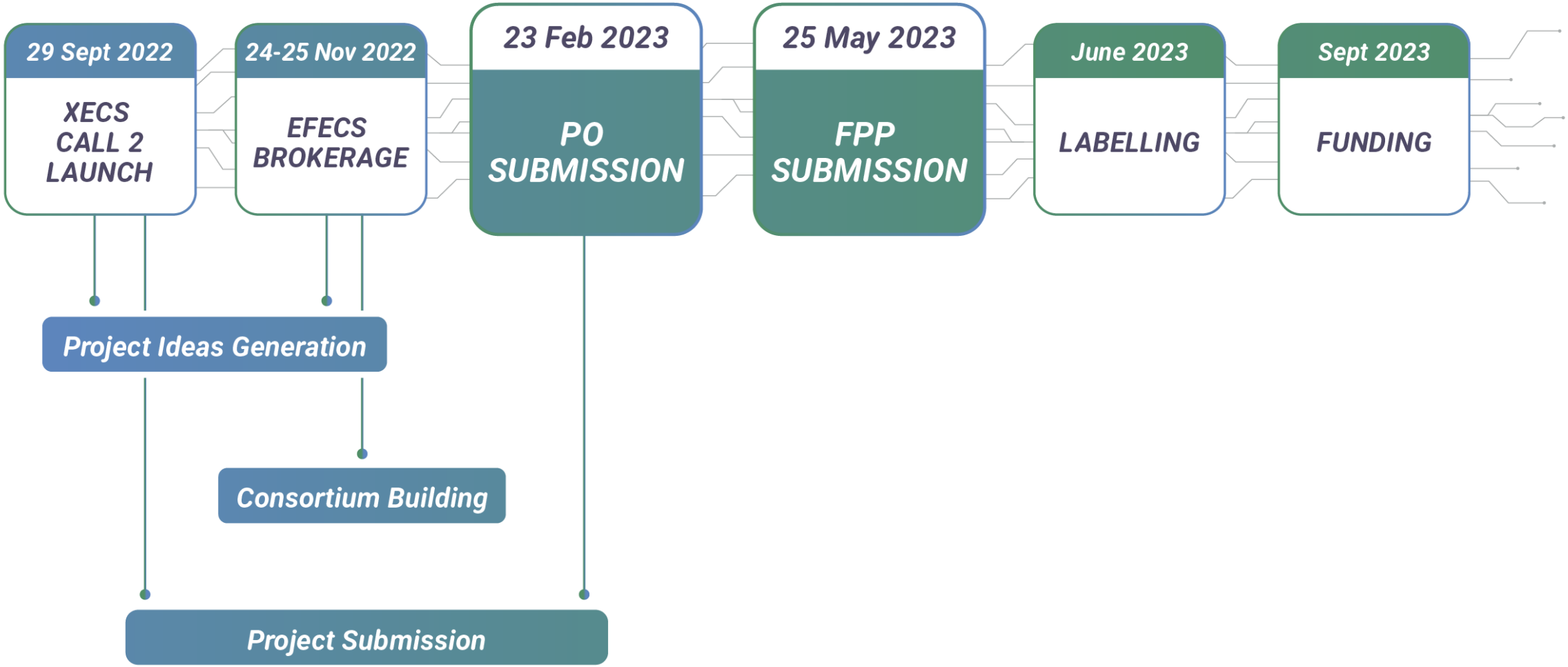
How Xecs works

- Idea Generation
- Brokerage
- Consortium Building
- Project Outline submission

- Two step review process
- Full Project Proposal submission
- Labelling & Funding decisions

- Change Request Process
- Project Start
- Project Monitoring
- Final Review
- Long-term impact analysis

Xecs Call 2 timeline



Xecs typical project

01

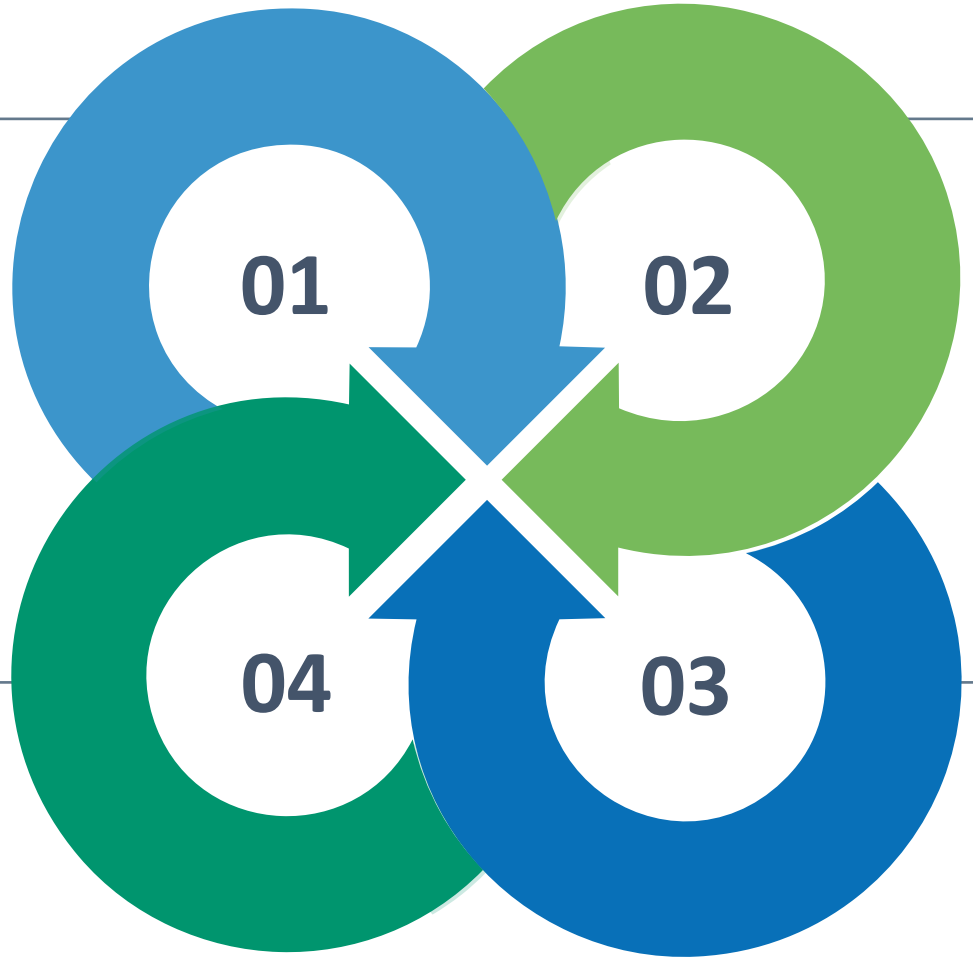
4 to 15 participants*

SMEs
Large companies
Research Institutes
Academia

02

3 to 5 EUREKA* members countries

Minimum 2 countries



04

4 to 30M€ project costs*

Duration: max. 36 months

03

ECS Value chain
ECS SRIA

* Figures represent a range of a typical project and are not limits

CAVIAR Project example

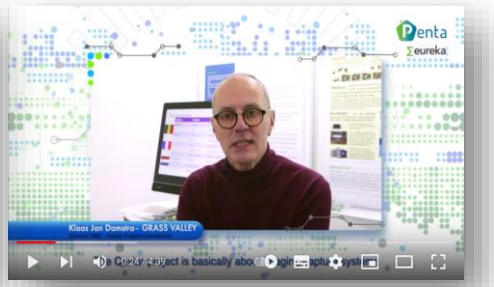
developed and demonstrated technologies and building blocks for CMOS image sensors, video processing hardware and algorithms, video data reduction and transmission

9
participants
3 SMEs
4 Large companies
2 RTOs

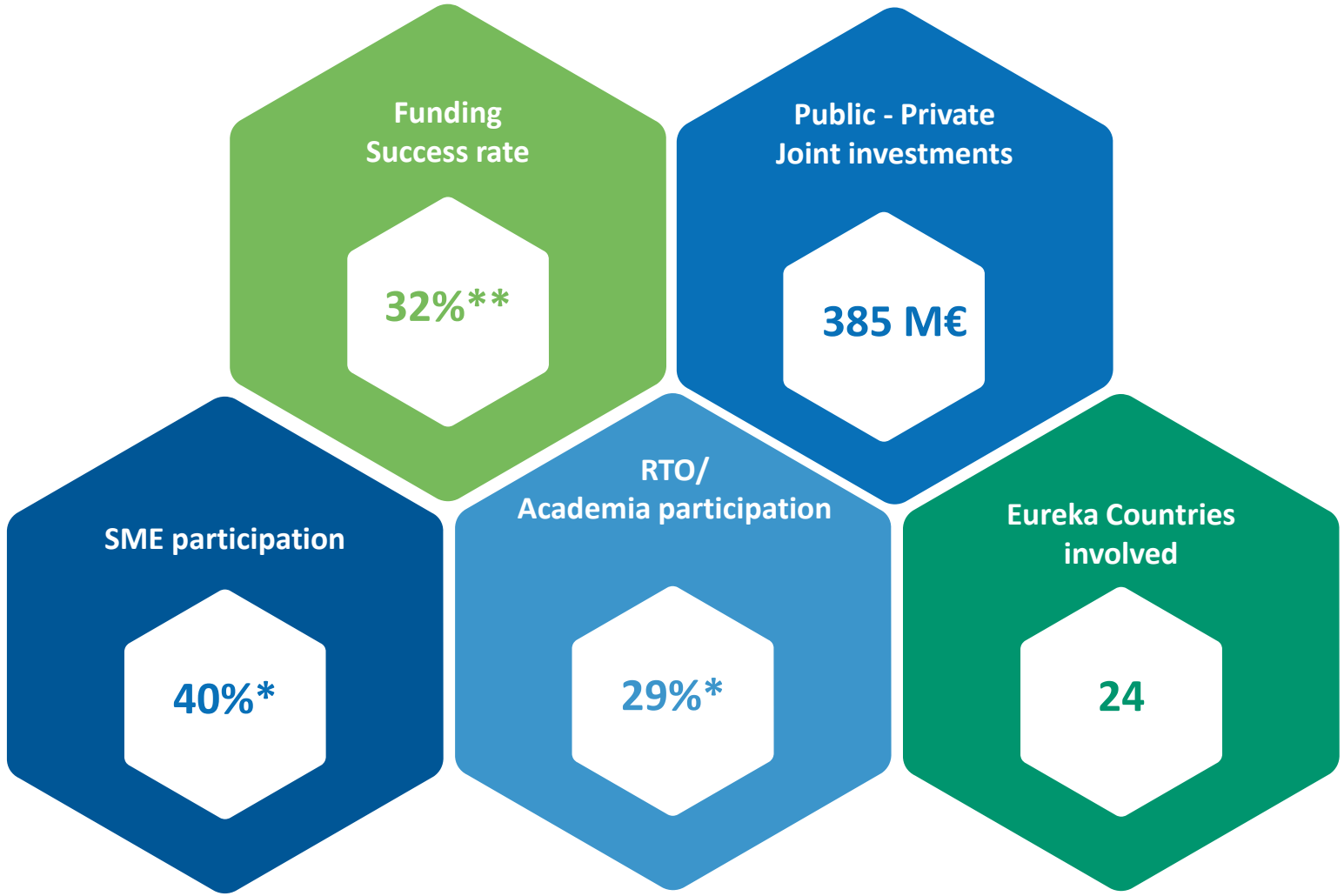
4
countries
Belgium, France, Hungary, Netherlands

4.9
M€ project costs
Duration: 36 months

3
ECS Value chain
Digital Industry, Digital Life, Health and wellbeing



Building on the legacy of Penta and Euripides²



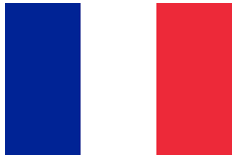
* by number of partners

** number of POs submitted and finally funded

PENTA call 1,2,3, PENTA and EURIPIDES² Call 2019, 2020, 2021, AI call 2020, 2021

Supporting countries

23 countries active in Xecs project submissions

- Austria
- Belgium
- Canada
- Czech Republic
- Denmark
- Finland
- France 
- Germany
- Hungary
- Ireland
- Israel
- Latvia
- Luxembourg
- Malta
- Poland
- Portugal
- South Korea
- Spain
- Sweden
- Switzerland
- The Netherlands
- Turkey
- United Kingdom

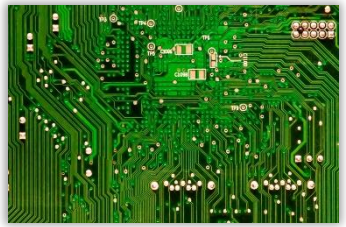
Supporting countries

What is new

France	• iDemo offers a grant under certain prerequisites
Luxembourg and Denmark	• now supports Xecs
United Kingdom	• Dedicated budget: 5 Mio pounds per call
Monaco	• Any partner can be funded

Submitting a successful application

- Well-defined problem statement: must be crystal clear, they are often too generic



- Extending/defining the state of the art: how is your solution different from existing ones, show the uniqueness of your innovation

- Value chain ecosystem: explain clearly how the partners complement each other along the ECS value chain

- Commercial & other Impact: how and who will commercialise the solution(s), create new opportunities

Submitting a successful application

- Meet national criteria: each national consortia must contact its national funding body

- Country Impact: demonstrate the economic impact and other benefits for each country involved

- Green Issues: Sustainability is important for all of us and should be demonstrated

- Ambition: Your proposal should be unique & ambitious but, with risk, able to reach an achievable outcome

Differences between Cluster Xecs and KDT

- Xecs projects are mid-sized and thus smaller
- Hence, they are more agile (in case of market or technology changes), focused and based on technical ground
- High flexibility in the course of the project e.g. for changes in the project
- Low administrative overhead, even SMEs can take the role of a project leader
- Only national funding according to national rules
- Open to all 47 Eureka countries and beyond
- Equal opportunities to participate for partners from UK, CH, CA, KR etc
- Coaching and mentoring by experienced experts is provided throughout the whole project cycle

Project presentation opportunities

EFECS 2022

24th – 25th November 2022

- **Project ideas (pitch and posters)**
- **Project results (posters)**

Xecs Call 2
PO submission: 23 February 2023
FPP submission: 25 May 2023
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Xecs

Follow us!

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