



# Xecs $\Sigma$

**Xecs call 2 launch**

29.09.2022

Nadja Rohrbach, Xecs Director

Aeneas

$\Sigma$ eureka

For more information:

[www.eureka-xecs.com](http://www.eureka-xecs.com)

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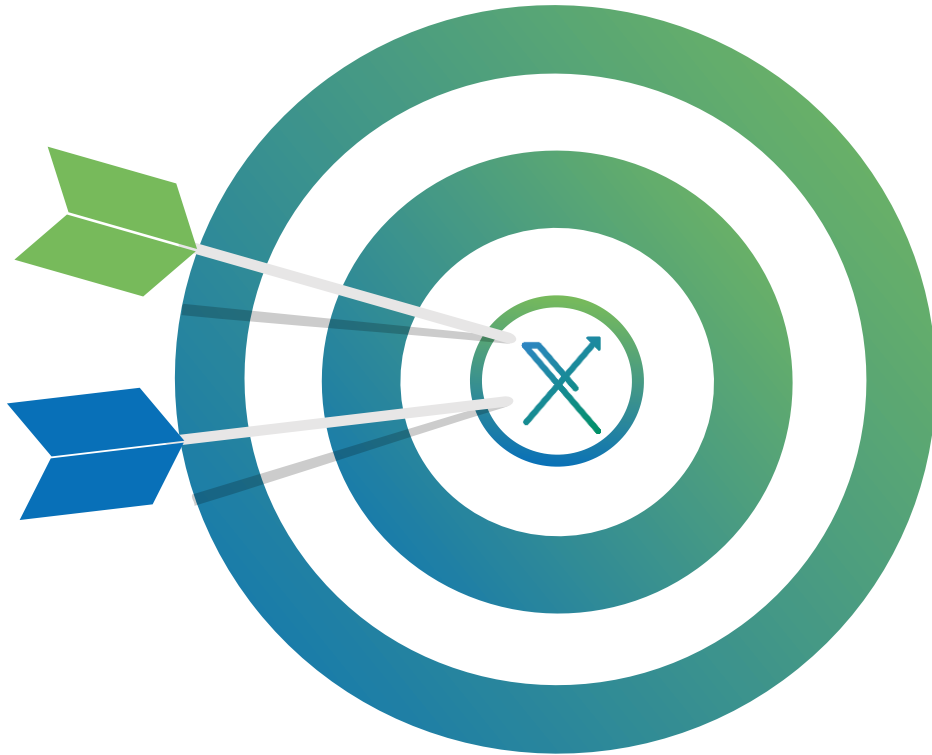


# Xecs - A Eureka Cluster

Public authorities

Private

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



Transnational

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, Euripides<sup>2</sup> and Penta Clusters

**Supported also by EPOSS and Inside** Industry Associations



# What is $\Sigma$ eureka ?

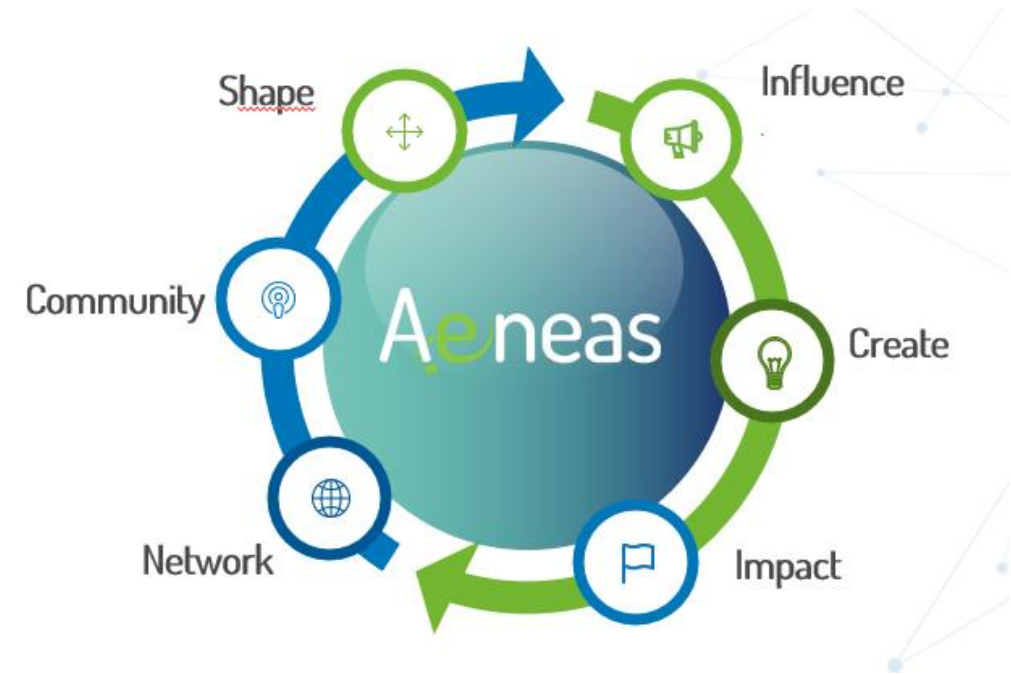
The world's biggest public network for international cooperation in RD&I, present in over 45 countries.  
Mainly European, but also including Canada, Israel, Singapore, South Africa and South Korea

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

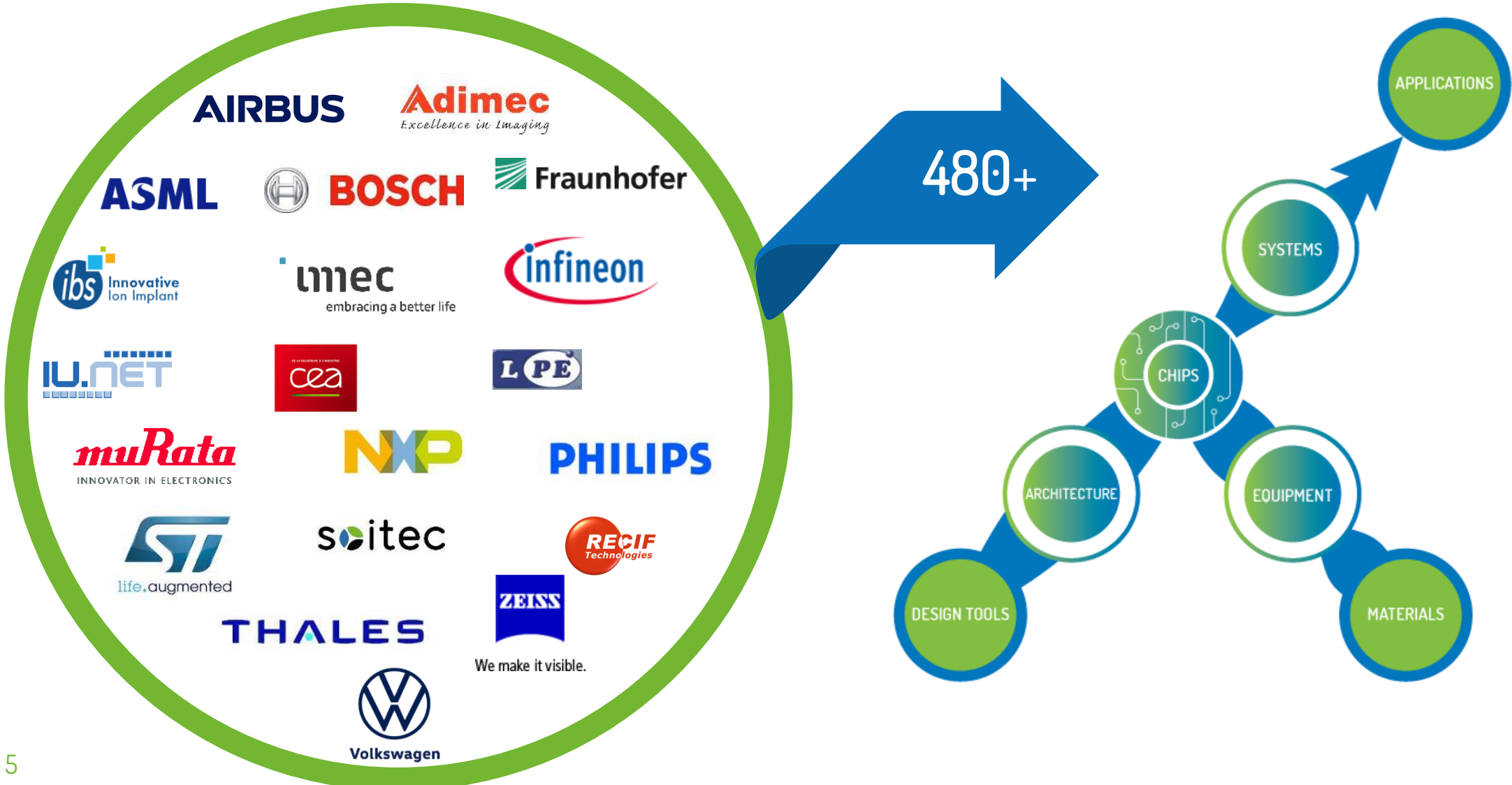
## Who is AENEAS?



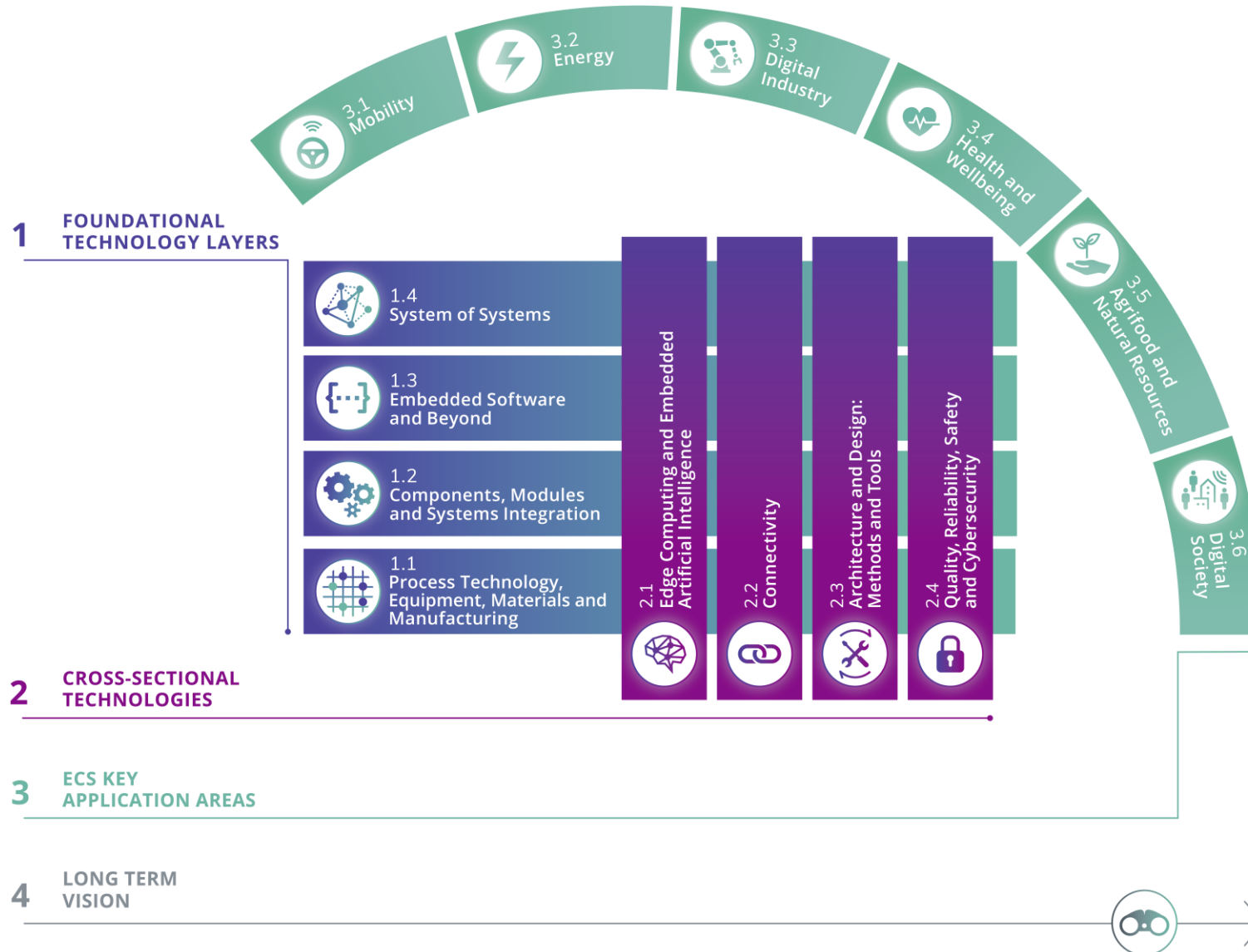
- AENEAS is a not-for-profit Industry Association, with members from Large industries, Small and Medium Enterprises, Research institutes, academia, that catalyses RD&I collaborative activity in the Electronic Components & Systems value chain supporting the development of the digital economy
- AENEAS membership is free of charge
- Successful participants are asked a small contribution based on the funding received

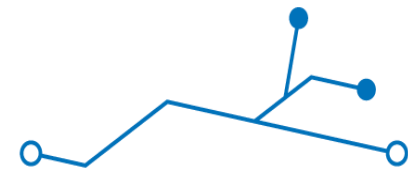
# AENEAS members are key industrial players

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




## New SRIA structure - 2022 Edition-






# Why participate?



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



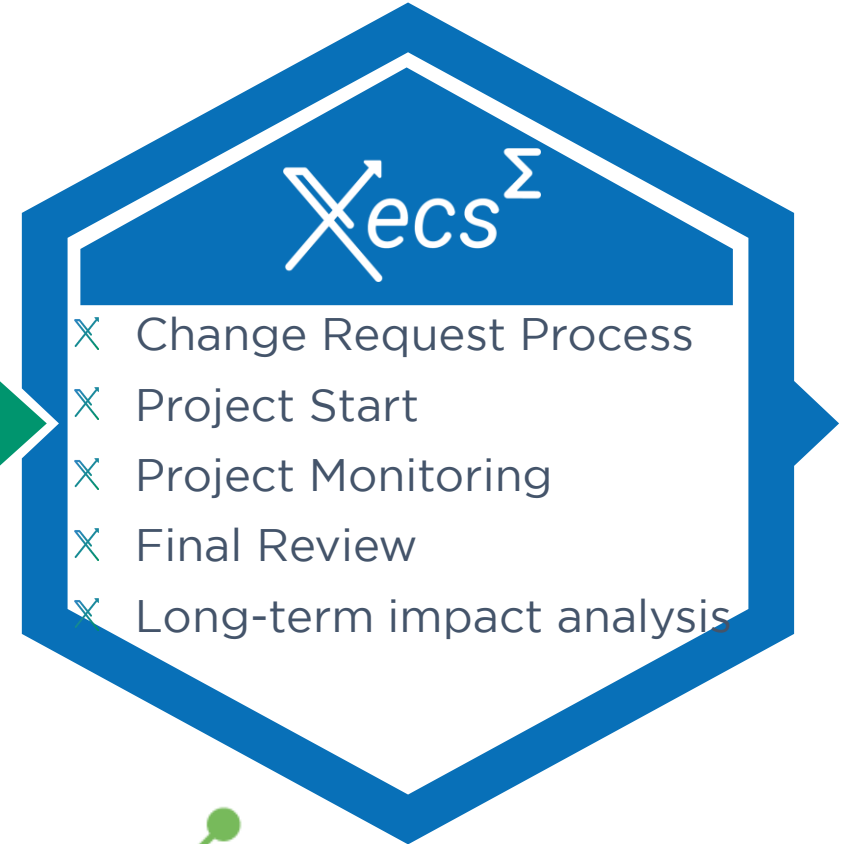
To boost competitiveness, accelerate growth and shorten time to market



To access expertise and get professional guidance coaching and mentoring from industrial experts and the Xecs team

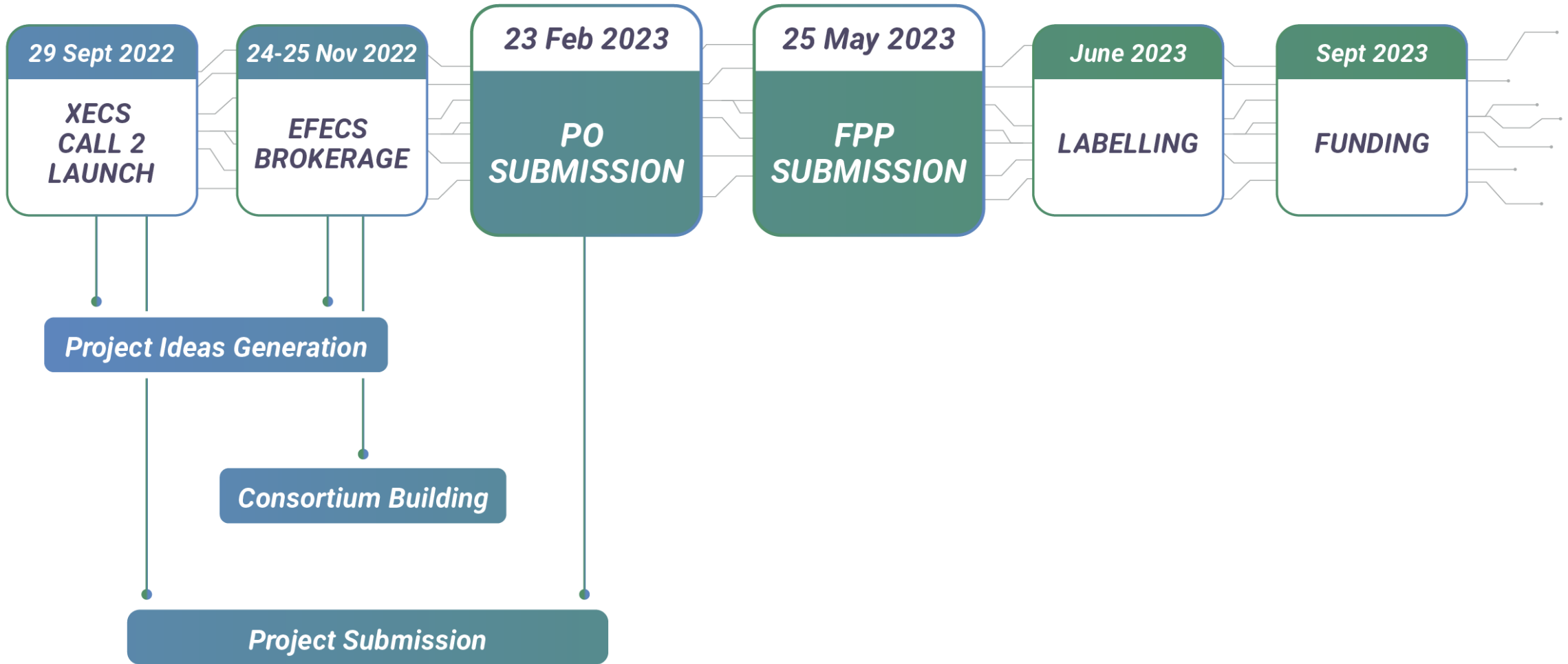


# How Xecs works



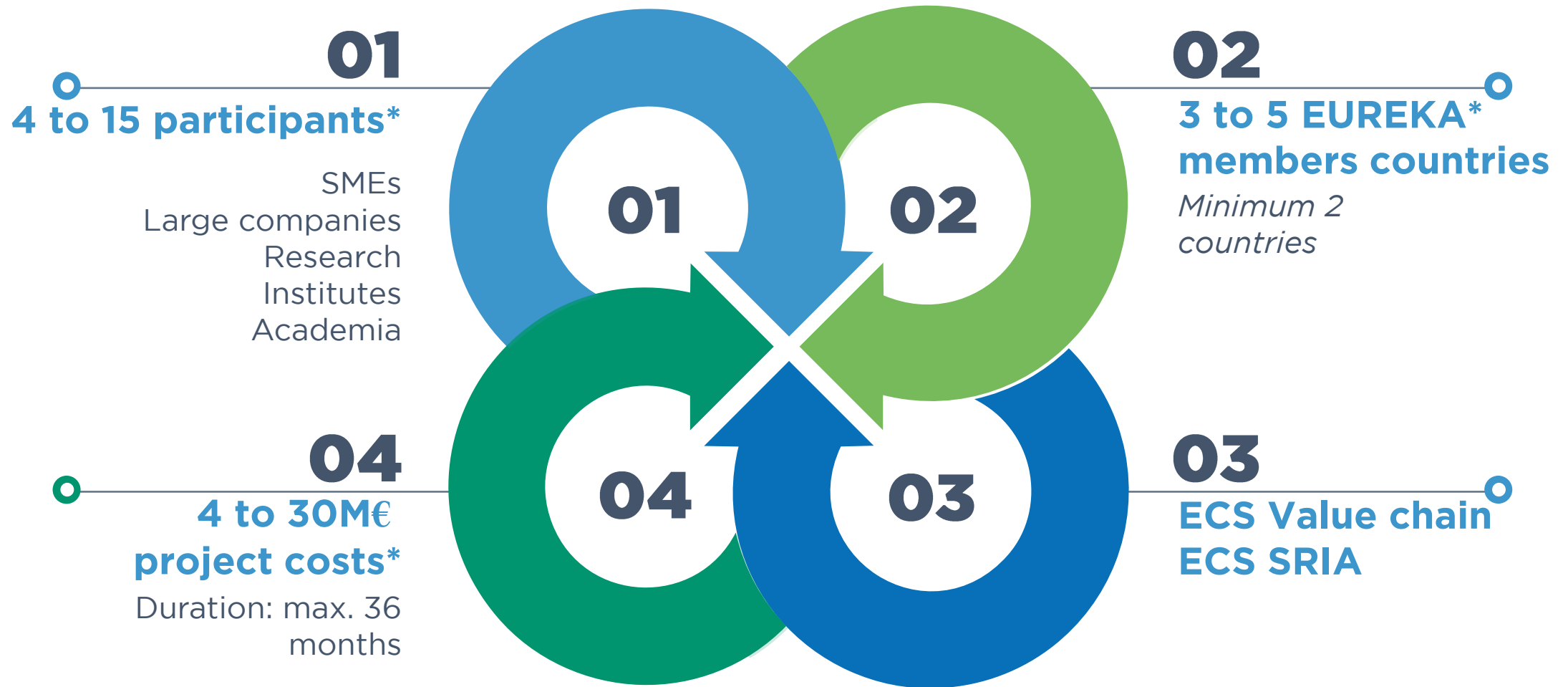


# Xecs Call 2 timeline

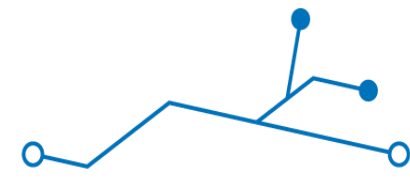




# Xecs typical project



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

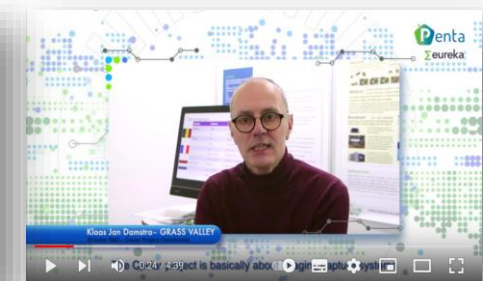
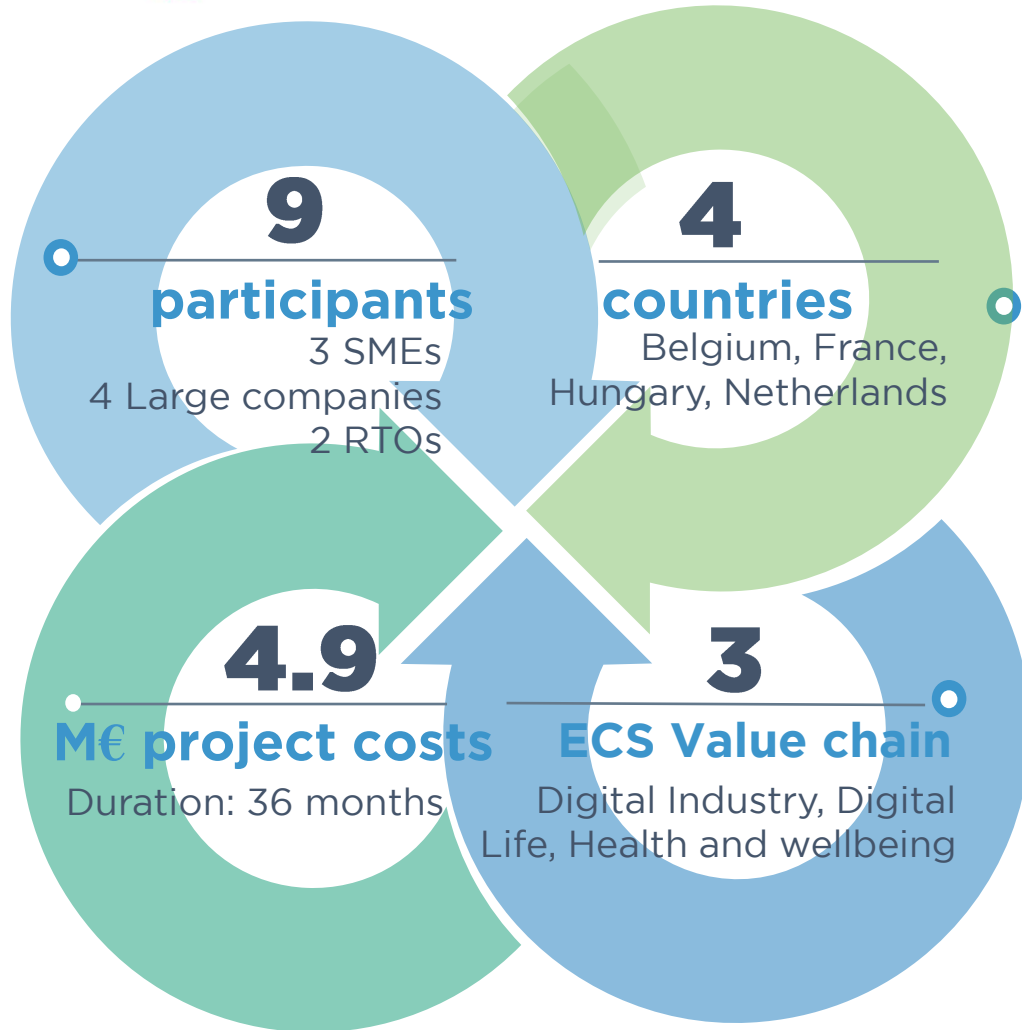


# CAVIAR Project example



**CAVIAR**

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





# Supporting countries

23 countries active in Xecs project submissions

*Austria*



*Belgium*



*Canada*



*Czech Republic*



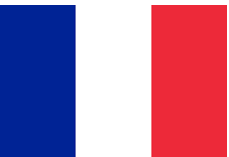
*Denmark*



*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	<ul style="list-style-type: none"><li>• iDemo offers a grant under certain prerequisites</li></ul>
Luxembourg	<ul style="list-style-type: none"><li>• now supports Xecs</li></ul>
United Kingdom	<ul style="list-style-type: none"><li>• Dedicated budget: 5 Mio pounds per call</li></ul>
Monaco	<ul style="list-style-type: none"><li>• Any partner can be funded</li></ul>

# GaNext project

## Next Generation GaN Power Module Project

### EXPECTED IMPACT:

- High economic exploitation potential
- Green impact

**Supported by:**  
- AENEAS and its experts  
- Public Authorities experts

**EF ECS Brokerage Event 2019**



**Funded by:**   

**Project led by:**  
a spinout startup of Cambridge University 

**13 European companies & organisations**



The Penta project creates a tremendous opportunity for CGD to engage with leading-edge companies in the area of power electronics.

**Dr Giorgia Longobardi**  
CGD's founder and CEO



# Project presentation opportunities




 EF ECS 2022  
24<sup>th</sup> – 25<sup>th</sup> November 2022

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

# Webinars opportunities

More to be scheduled

Country	Date	Organiser	Timing	Link to register
 AUSTRIA	29 Sept 2022	FFG	12.00 - 12.45	<a href="https://www.ffg.at/europa/veranstaltungen/Eureka-xecs-smart-2022_09_29">https://www.ffg.at/europa/veranstaltungen/Eureka-xecs-smart-2022_09_29</a>
 GERMANY	26 Oct 2022	BMBF and VDI/VDE	10:00 - 12:00	<a href="https://attendee.gotowebinar.com/register/3807333214758821899">https://attendee.gotowebinar.com/register/3807333214758821899</a>
 SWEDEN	28 Oct 2022	Vinnova and SES	09:00 - 10:30	<a href="https://www.anpdm.com/public/event/RegistrationForm/43425D467740405A4B7140">https://www.anpdm.com/public/event/RegistrationForm/43425D467740405A4B7140</a>



# Xecs Call 2

PO submission: 23 February 2023  
FPP submission: 25 May 2023

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