



Smart Electronic Systems



## The 2020 EURIPIDES² / PENTA Joint Call

ECS Brokerage Event 2020



## A Joint Call Designed for ....

Large Enterprises, SME's, RTO's and Universities



To Enable the  
Digital Economy

Support Work  
with  
International  
Partners

Create  
Innovation,  
Impact & Growth

Form ECS Value  
Chain  
Ecosystems

## EURIPIDES<sup>2</sup> / PENTA - Two EUREKA Clusters

**Two Industry driven EUREKA Clusters supporting**

RD&I in micro and nanoelectronics enabled systems and applications  
Packaging and integration of micro devices and smart electronic systems

**Public  
authorities**

**Private**

Universities/ SMEs /  
Large enterprises/  
RTOs

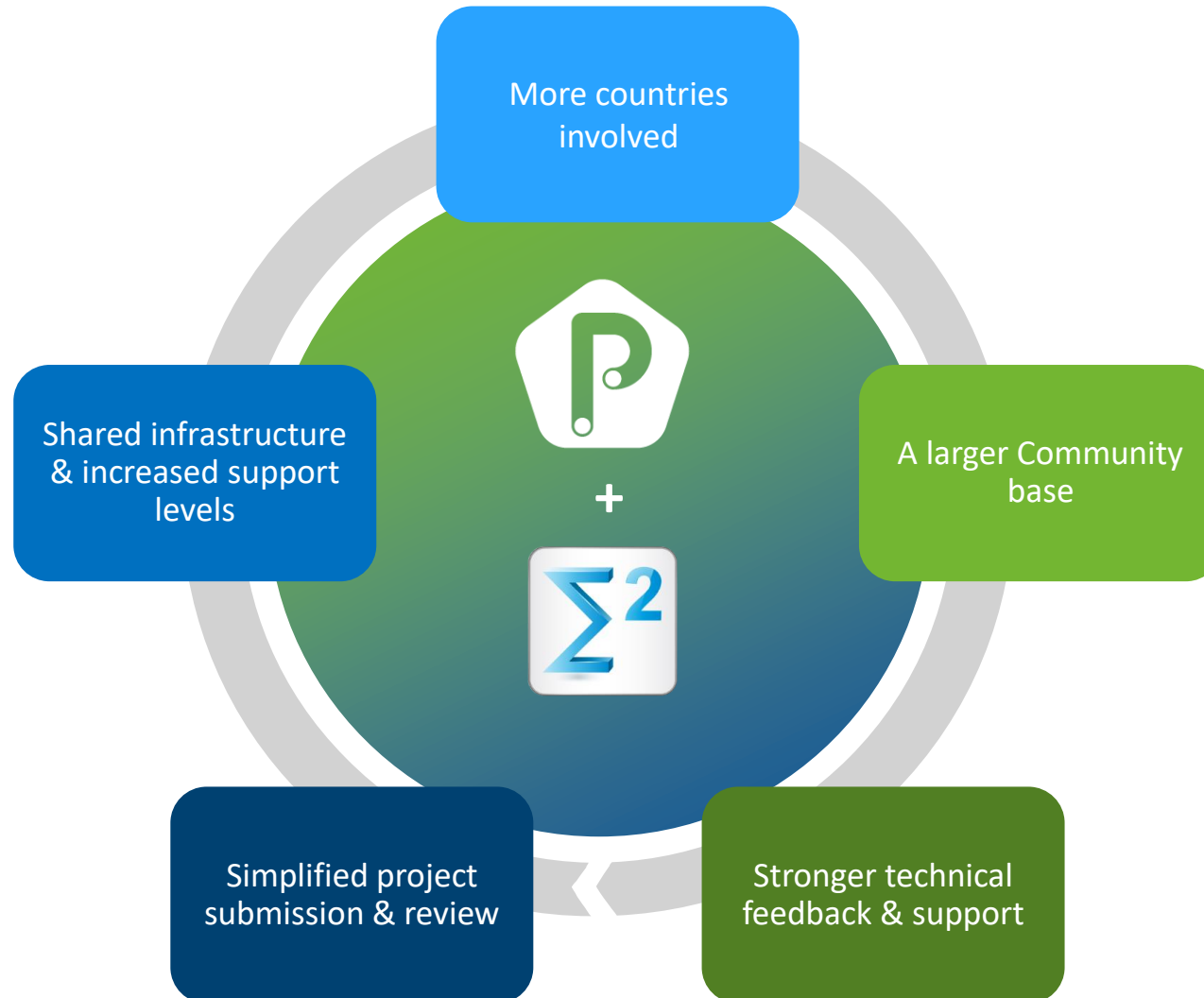
Transnational R&D  
consortia  
Medium sized projects



**Societal &  
economic  
impact**

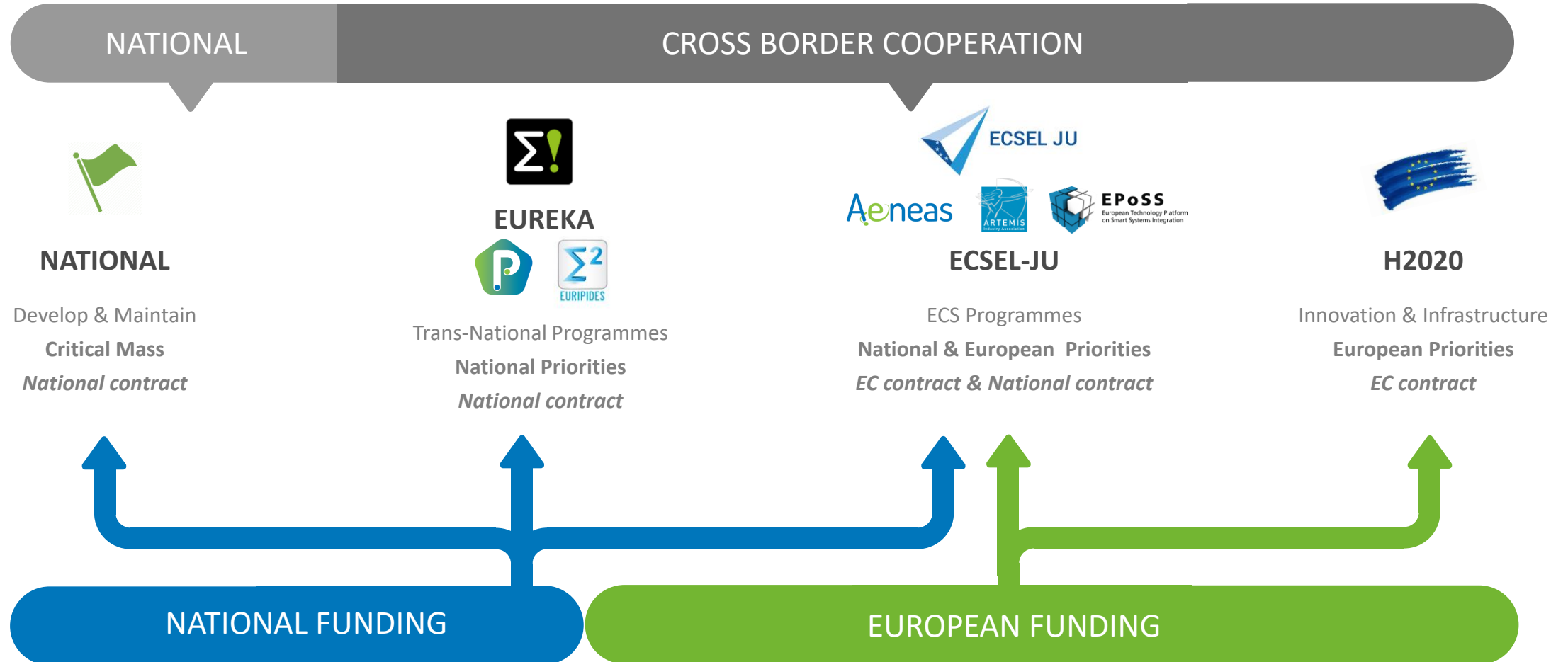
PENTA is managed and operated by the  
AENEAS Industrial Association

## EURIPIDES & PENTA Working Together



# Your Choices – the Funding instrument landscape

Positioning EURIPIDES² & PENTA in the European Funding Landscape



# Supporting the ECS value chain



# 2020 EURIPIDES<sup>2</sup> / PENTA Synchronised Call

addresses all ECS-SRA domains

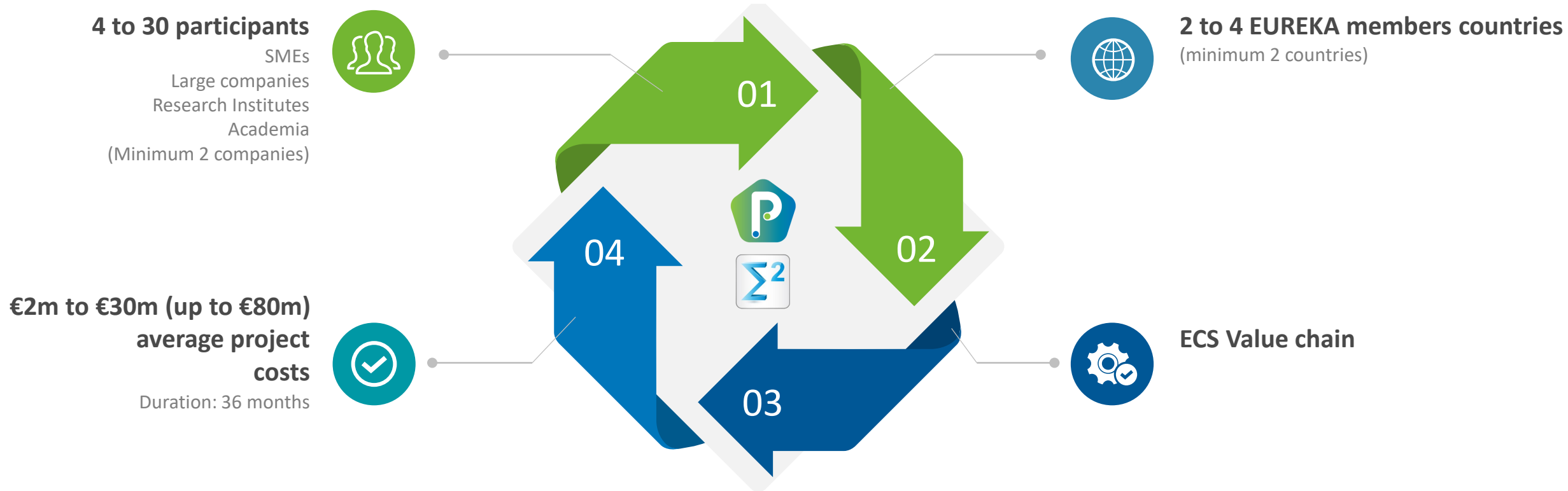
## KEY APPLICATION AREAS >

### ESSENTIAL CAPABILITIES



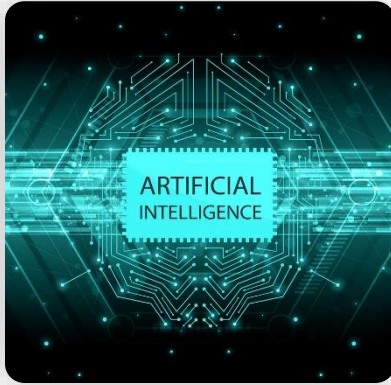
# EURIPIDES<sup>2</sup> / PENTA typical project

A unique, flexible and agile funding instrument





## Sample P-E2 Project Areas



Artificial Intelligence



Smart farming  
Monitoring System



Autonomous driving



Healthcare  
monitoring



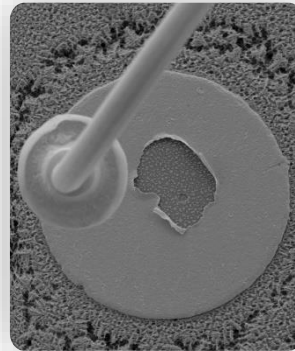
Air quality and  
purification



Smart refrigerator



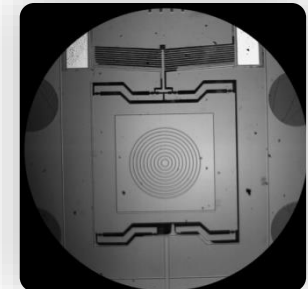
IoT security



Failure Analysis  
Metrology



GaN Power  
Modules

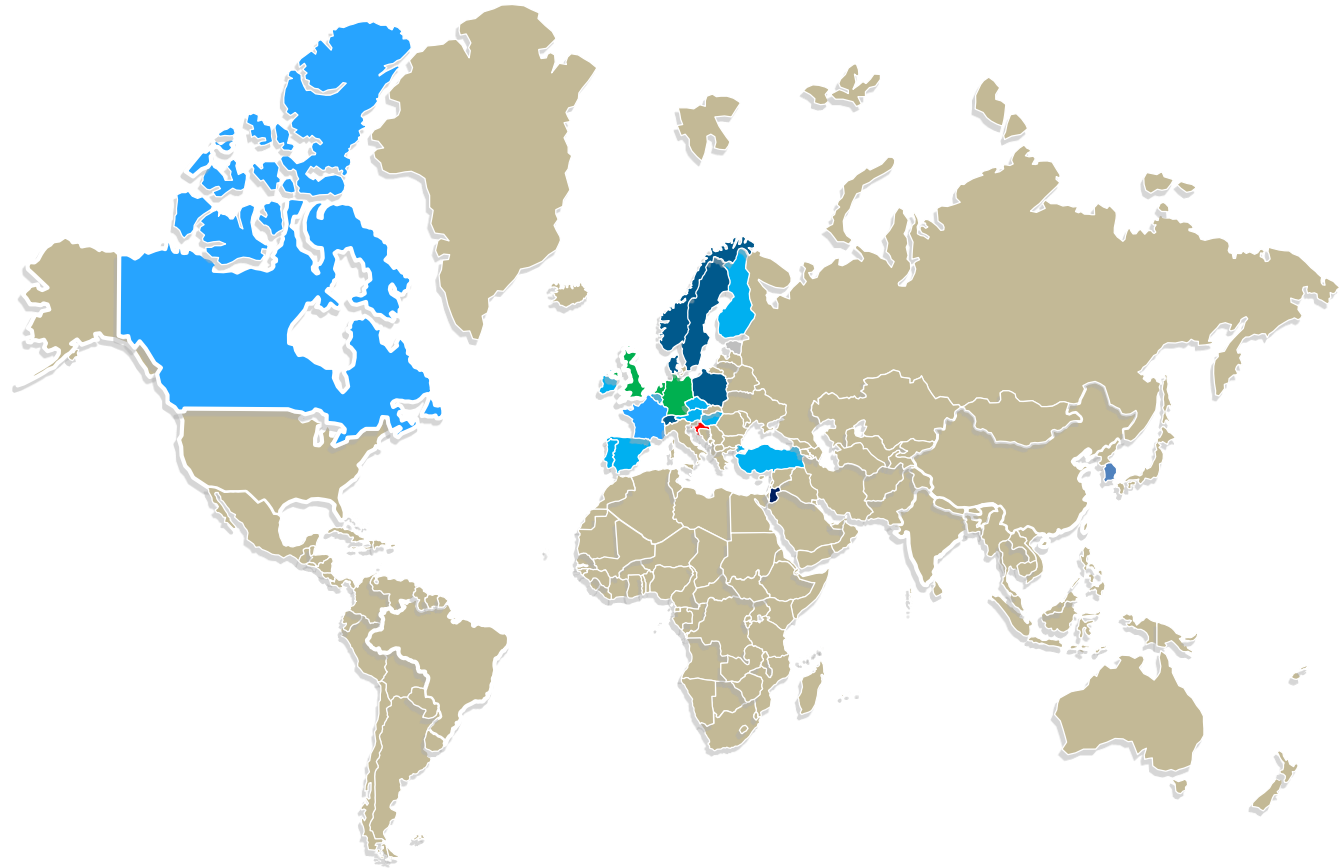


MEMS

## Involved countries so far

26 Countries engaged with EURIPIDES² PENTA

Austria	Malta
Belgium*	Monaco
Canada	Norway
Croatia	Poland
Czech Republic	Portugal
Denmark	Slovenia
Finland	South Korea
France	Spain
Germany	Sweden
Hungary	Switzerland
Ireland	The Netherlands
Israel	Turkey
Luxembourg	United Kingdom



\* Now including Wallonia



PENTA & EURIPIDES²



EURIPIDES²



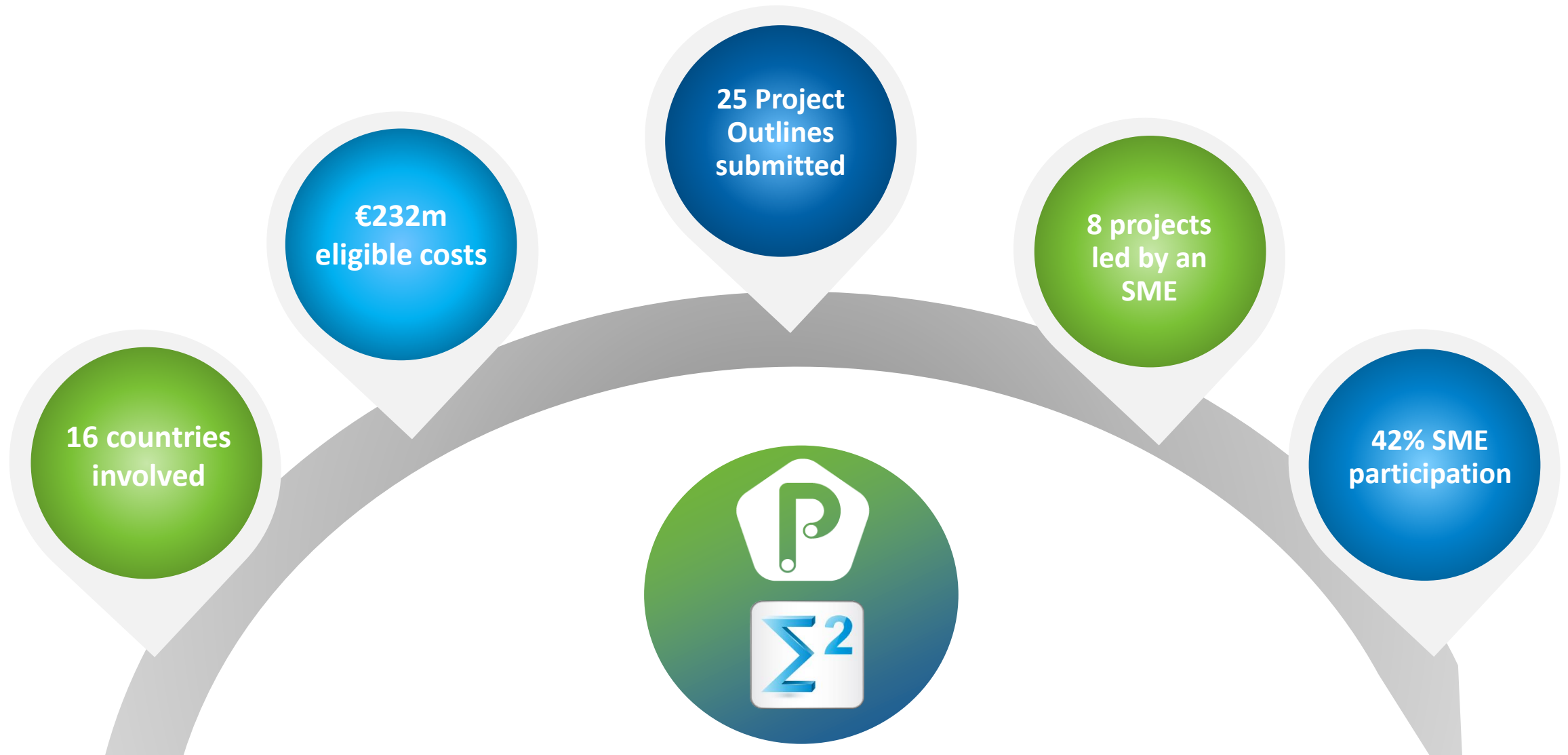
PENTA



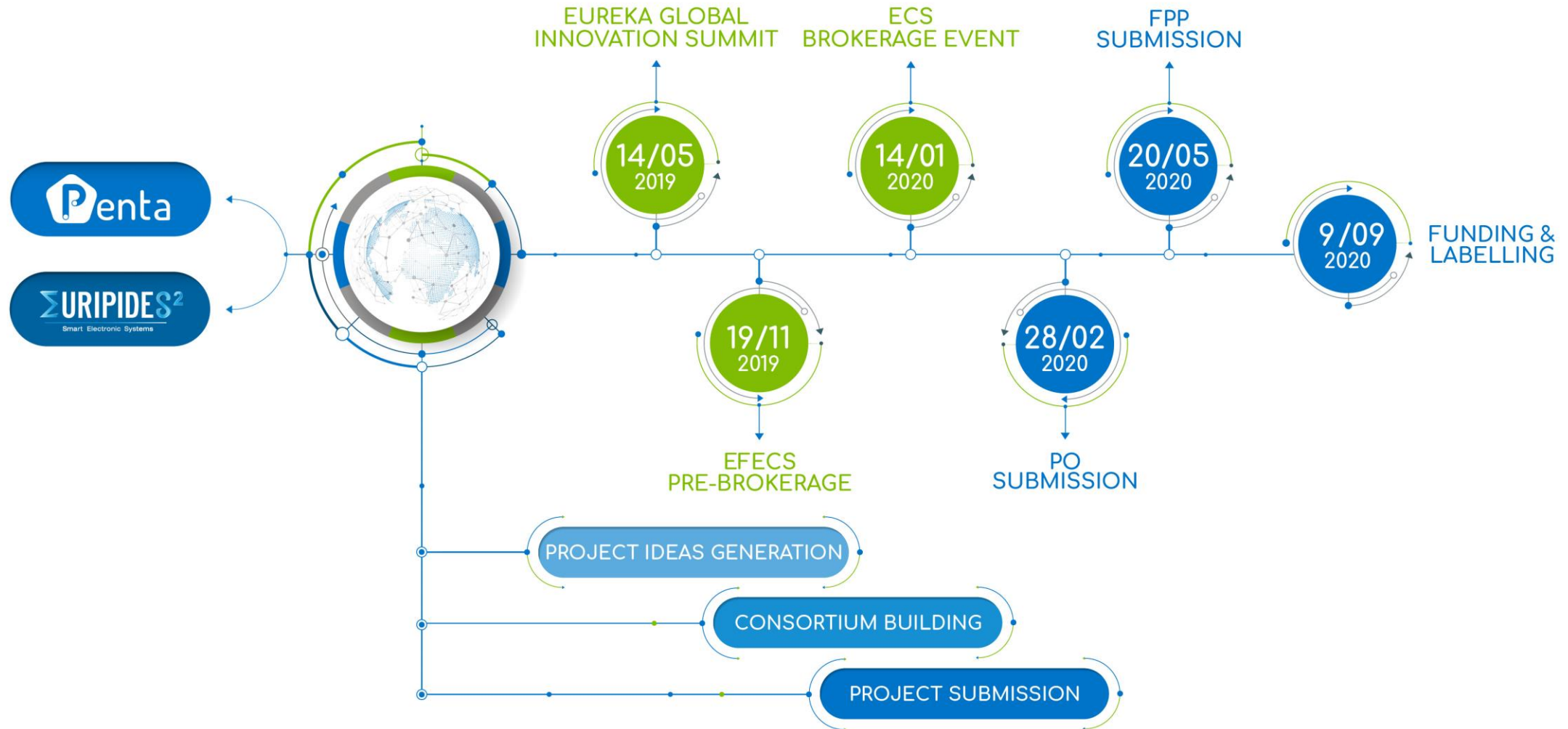
NEW FOR 2020

# 2019 synchronised Call key figures

Project Outlines phase key figures



## 2020 EURIPIDES<sup>2</sup> / PENTA Joint Call timing



## ... and the outcome must be **IMPACT**

