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
EURIPIDES² / 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

PENTA is managed and operated by the AENEAS Industrial Association

Societal & economic impact
EURIPIDES & PENTA Working Together

- More countries involved
- A larger Community base
- Shared infrastructure & increased support levels
- Simplified project submission & review
- Stronger technical feedback & support
Your Choices – the Funding instrument landscape

Positioning EURIPIDES² & PENTA in the European Funding Landscape

NATIONAL

Develop & Maintain
Critical Mass
National contract

CROSS BORDER COOPERATION

EUREKA

Trans-National Programmes
National Priorities
National contract

ECSEL-JU

ECS Programmes
National & European Priorities
EC contract & National contract

H2020

Innovation & Infrastructure
European Priorities
EC contract

NATIONAL FUNDING

EUROPEAN FUNDING
Supporting the ECS value chain

Source: ECS-SRA
2020 EURIPIDES² / PENTA Synchronised Call

addresses all ECS-SRA domains

KEY APPLICATION AREAS

- Systems and Components: Architecture, Design & Integration
- Connectivity & Interoperability
- Safety, Security & Reliability
- Computing & Storage
- ECS Process Technology, Equipment, Materials & Manufacturing

ESSENTIAL CAPABILITIES

- Transport & Smart Mobility
- Health & Well-Being
- Energy
- Digital Industry
- Digital Life
EURIPIDES² / PENTA typical project

A unique, flexible and agile funding instrument

01

4 to 30 participants
SMEs
Large companies
Research Institutes
Academia
(Minimum 2 companies)

02

2 to 4 EUREKA members countries
(minimum 2 countries)

03

€2m to €30m (up to €80m)
average project costs
Duration: 36 months

04

ECS Value chain
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  
Belgium*  
Canada  
Croatia  
Czech Republic  
Denmark  
Finland  
France  
Germany  
Hungary  
Ireland  
Israel  
Luxembourg

Malta  
Monaco  
Norway  
Poland  
Portugal  
Slovenia  
South Korea  
Spain  
Sweden  
Switzerland  
The Netherlands  
Turkey  
United Kingdom

* Now including Wallonia

NEW FOR 2020
2019 synchronised Call key figures

Project Outlines phase key figures

- 25 Project Outlines submitted
- €232m eligible costs
- 16 countries involved
- 8 projects led by an SME
- 42% SME participation
- 42% SME participation
2020 EURIPIDES² / PENTA Joint Call timing

- Project Ideas Generation
- Consortium Building
- Project Submission
- EF ECS Pre-Brokerage
- ECS Brokerage Event
- FPP Submission
- Funding & Labelling

Dates:
- 14/05/2019
- 14/01/2020
- 20/05/2020
- 9/09/2020
... and the outcome must be IMPACT

01. A new State-of-the-Art
02. Competitive products and services
03. Growth and opportunity for all partners
04. Economic and “Societal” impact in the country’s involved
05. A sustainable economy & lifestyle