The 2020 EURIPIDES² / PENTA Joint Call

EF ECS 2019
Are You?

A Large Enterprise, SME, RTO or University?

Enabling the Digital Economy?

Ready to Work with International Partners?

Looking to Grow?

Part of the ECS Value Chain Ecosystem?
Then EURIPIDES-PENTA is for YOU!!

DEADLINE for your Project Outline Submission is February 28th 2020

And the 2020 Call is launched TODAY!!
What does “Joint” Mean?

- More countries involved
- Shared infrastructure & increased support levels
- A larger Community base
- 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

Trans-National Programmes
National Priorities
National contract

CROSS BORDER COOPERATION

EURIPIDES²

ECSEL-JU

ECS Programmes
National & European Priorities
EC contract & National contract

H2020

Innovation & Infrastructure
European Priorities
EC contract

NATIONAL FUNDING

EUROPEAN FUNDING
EURIPIDES² / PENTA - Two EUREKA Clusters

Two EUREKA Clusters supporting
RD&I in micro and nano-electronics 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 Association, benefiting from:
- Complementary activities within the ECSEL Joint Undertaking
- Direct experience from the CATRENE Cluster

Societal & economic impact
Supporting the ECS value chain

Source: ECS-SRA
2020 EURIPIDES² / PENTA Synchronised Call

addresses all ECS-SRA domains

KEY APPLICATION AREAS >

Transport & Smart Mobility

Health & Well-Being

Energy

Digital Industry

Digital Life

ESSENTIAL CAPABILITIES

Systems and Components: Architecture, Design & Integration

Connectivity & Interoperability

Safety, Security & Reliability

Computing & Storage

ECS Process Technology, Equipment, Materials & Manufacturing
EURIPIDES² / PENTA typical project

A unique, flexible and agile funding instrument

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

2 to 4 EUREKA members countries
  (minimum 2 countries)

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

ECS Value chain
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

PENTA & EURIPIDES²

EURIPIDES²

PENTA

NEW FOR 2020
2019 synchronised Call key figures

Project Outlines phase key figures

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

- **14/05/2019**: EUREKA GLOBAL INNOVATION SUMMIT
- **14/01/2020**: ECS BROKERAGE EVENT
- **20/05/2020**: FPP SUBMISSION
- **19/11/2019**: EF ECS PRE-BROKERAGE
- **28/02/2020**: PO SUBMISSION
- **9/09/2020**: FUNDING & LABELLING

**PROJECT IDEAS GENERATION**

**CONSORTIUM BUILDING**

**PROJECT SUBMISSION**
... 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
2020 EURIPIDES² / PENTA synchronised call

ECS VALUE CHAIN