2019 EURIPIDES² / PENTA Synchronised Call

EF ECS 2018
Our Synchronised Call is Launched!!

DEADLINE for your Project Outline Submission is March 1st 2019
What is EUREKA?

Trans-National Funding across Europe and the World

Intergovernmental organisation for market-driven industrial R&D

A transnational network facilitating the coordination of national funding on innovation aiming to boost the productivity & competitiveness of European industries

The network integrates over 40 countries: mainly European, but also including Canada, Chile, Israel, South Africa and South Korea
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**
Current EUREKA Call Activity

- Germany-Israel Call on developing innovative products and applications in all technological and application areas
  - Deadline: November 29th 2018
- EUROGIA2020-SET joint call to accelerate the development and deployment of low-carbon technologies
  - Deadlines: December 7th 2018 & March 1st 2019
- Germany-Spain Call on developing innovative products and applications in all technological and application areas
  - Deadline: January 11th 2019
- ITEA 3 R&D&I projects in the area of Software Innovation
  - Call 5 FPP deadline: 14th February 2019
- Eurostars 2 international collaborative research and innovation projects for small organisations that can be rapidly commercialized
  - Deadline: February 28th 2019
- Euripides2-PENTA Synchronised Call
  - PO Deadline: March 1st 2019
- Smart Advanced Manufacturing
  - Second call FPP Deadline: March 15th 2019
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

Societal & economic impact

PENTA is managed and operated by the AENEAS Association, benefiting from:
- Complementary activities within the ECSEL Joint Undertaking
- Direct experience from the CATRENE Cluster
EURIPIDES² and PENTA 2017 & 2018*

Building momentum

Participants
- +130
- +80

Person-years
- 1000+
- 450+

SME participation
- 40%
- 48%

Labelled projects
- 10
- 18

Countries involved
- 11
- 11

Funding success rate
- 40%
- 40%

RTO/Academia participation
- 40%
- 27%

* EURIPIDES²: 2017 & 2018 calls
* PENTA: Call 1 and 2
Supporting the ECS value chain

Source: ECS-SRA, Jan 2018
2019 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

4 to 15 participants
- SMEs
- Large companies
- Research Institutes
- Academia
(Minimum 2 companies)

2 to 4 EUREKA members countries
(minimum 2 countries)

2 to 15M€ average project costs
Duration: 36 months

ECS Value chain
Involved countries so far

24 Countries active in EURIPIDES² PENTA project submissions

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

PENTA & EURIPIDES²  EURIPIDES²  PENTA  NEW FOR 2019
How to choose the programme for your project?

**EURIPIDES²**
Focuses on electronic systems, integration, packaging and reliability

**Penta**
Addresses the whole electronics value chain from design, through device manufacture to applications

**Co-labelled EURIPIDES²/PENTA**
Dedicated to mixed funding approach (involving countries supporting only EURIPIDES² and not PENTA, or vice versa) and/or to fairly ambitious projects
2019 EURIPIDES² / PENTA Synchronised Call timing

- **PROJECT IDEAS GENERATION**
- **CONSORTIUM BUILDING**
- **PROJECT SUBMISSION**

- **20/05 2018**
  - EUREKA INNOVATION DAYS 2018

- **20/11 2018**
  - Pre-brokerage event

- **01/03 2019**
  - PO Submission

- **15/01 2019**
  - ECS Consortium Building

- **21/05 2019**
  - FPP Submission

- **18/09 2019**
  - FUNDING & LABELLING
Benefits to participate

1. Access to leading-edge technology
2. Access to skills you do not have
3. Creation of new partnerships
4. Efficient networking
5. Direct access to European large companies, research institutes and academia
EURIPIDES² and PENTA impact

Ensuring Return on Investment

- Ecosystem impact
- Innovation impact
- Societal impact
- Economic impact
- Cycle time and risk reduction
EURIPIDES$^2$ and PENTA enabling the future

01. Focussed on the Digital economy
02. Unique Position in the Funding Landscape
03. Effective & Efficient Programme
04. Community Building
05. Societal and Economic Impact
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synchronised call