ENABLING THE DIGITAL ECONOMY

Peter Connock
IoT Week, Bilbao
June 2018
Why PENTA?

The future of the World is digital

Opportunity for the European ECS Community to reinvigorate our economy and help solve societal challenges

We are here to help!!!

- Community stimulation
  LE/SME/RTO/Academia
- RD&I Funding
- Guidance & Support
Supporting the ECS value chain

PENTA is Effective, Highly Supportive & Flexible

Enabling the IoT through micro and nanoelectronics enabled systems & applications
PENTA so far*

Building momentum

- 130+ participants
- 1000+ Person-years
- 11 Countries involved
- 40% funding success rate
- 40% SME participation
- 40% RTO/Academia participants
- 10 Labelled projects

* Call 1 and 2
Funding instrument landscape
Positioning PENTA in the European Funding Landscape

NATIONAL
Develop & Maintain Critical Mass
National contract

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
PENTA Call 3 addresses all ECS SRA domains

WITH A FOCUS ON

ESSENTIAL CAPABILITIES

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

KEY APPLICATION AREAS

- Transport & Smart Mobility
- Health & Well-Being
- Energy
- Digital Industry
- Digital Life
Involved countries so far

10 Countries active in PENTA project submissions

PENTA Calls 1-3 by Eligible Cost in Spain

€7.1m in running, labelled or under review in projects for Spanish Organisations
PENTA & CDTI

Breadth, Flexibility & Partnership

01 SOFT LOANS:
Open Call throughout the year
International Innovative R&D Projects
Minimum total budget by each Spanish company 175k€

Financing conditions for Innovative projects: Credits with an interest fee (Euribor) and long-term amortization (10 years) that covers up to 75% of the total budget. Besides, 33% of the credit is not reimbursable.

02 Inno Global Innovation Calls by CDTI – 2018
Aid for international R&D Projects
The maximum amount of subsidy per application and per project is 400,000 Euros with the following limits

First Call Deadline: June 5, 2018
Second Call Deadline: November 27, 2018

50% Budget Increase in 2018
AENEAS/PENTA members are key industrial players ...

Gathering 220 influential organisations (Large companies, SMEs, RTOs)
PENTA 2018/2019 Call Timing

- **PROJECT IDEAS GENERATION**
  - Brokerage event: 20/11/2018

- **CONSORTIUM BUILDING**
  - Consortium Building: 15/01/2019

- **PROJECT SUBMISSION**
  - FPP Submission: 28/05/2019

- **FUNDING & LABELLING**
  - FFP Submission: 01/03/2019
  - Funding & Labelling: 18/09/2019
PENTA enabling the future

Focussed on the Digital economy

Unique Position in the Funding Landscape

Effective & Efficient Programme

Community Building

Societal and Economic Impact
Eskerrik Asko!!

For more information
www.penta-eureka.eu