



EuroCPS

Cyber-Physical Systems

A network of design centers boosting and initiating synergies between Innovative companies, major CPS-platforms and CPS-competency providers

Smart Anything Everywhere launch event



EuroCPS in a nutshell

- Call: ICT-01-2014
- Launched: Feb 1st, 2015
- Duration: 3 years

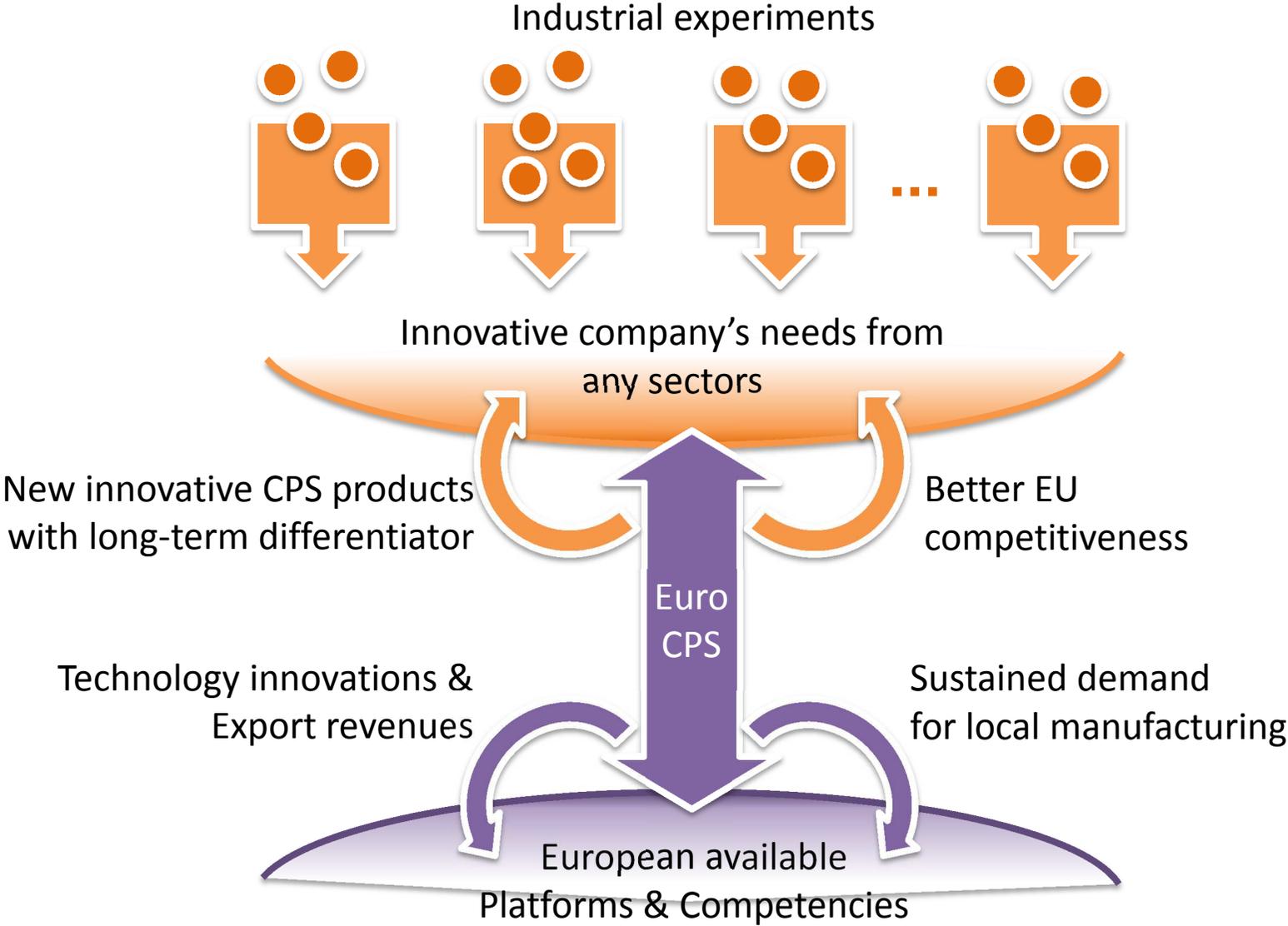
- 9 Countries
- 15 Partners
- 8 Technology Platforms

- Budget: 9,178,641€
- EC funding: 8,186,835€

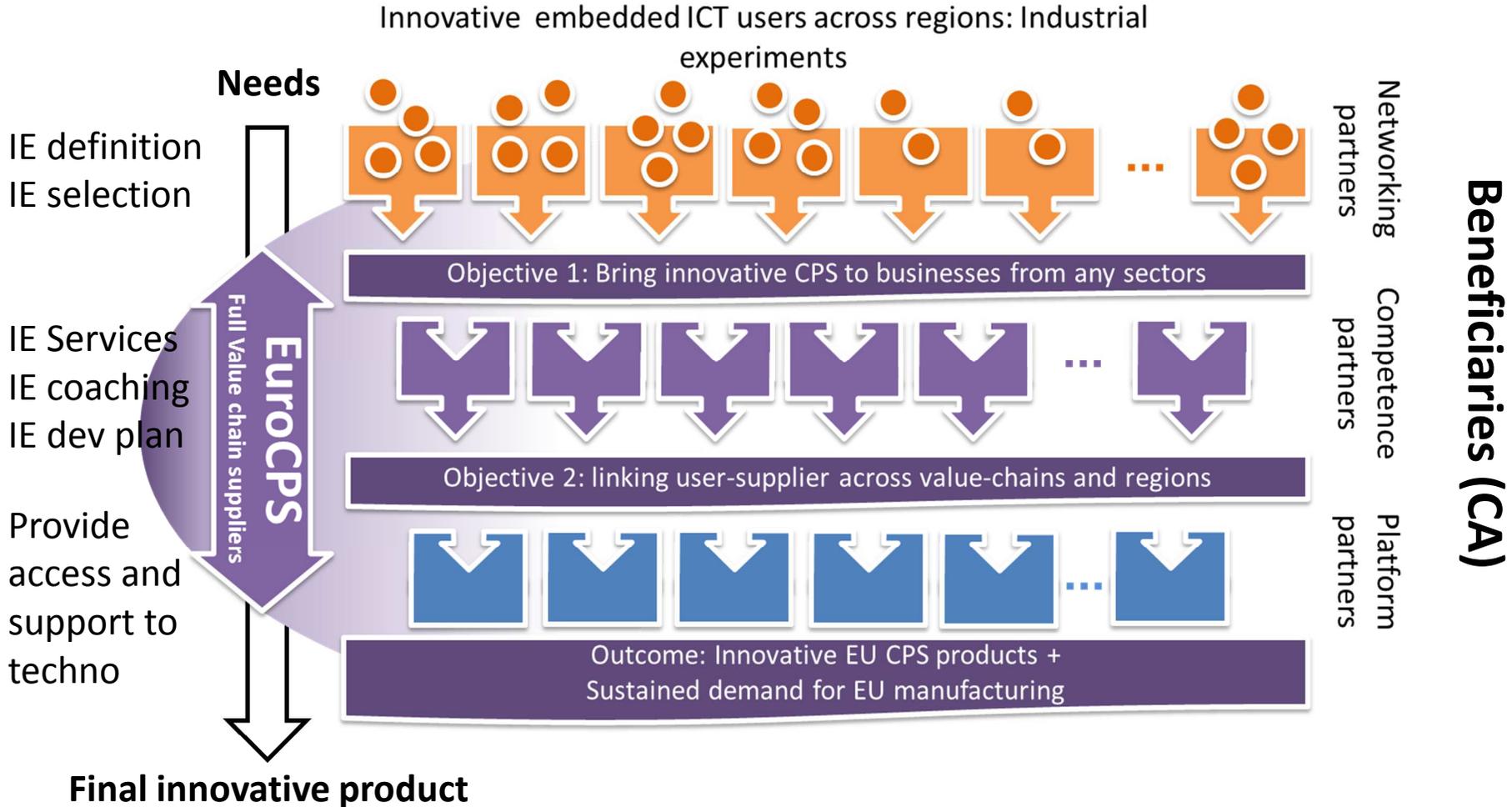


➔ **Industrial Experiment support: 76% of the EuroCPS funding**

Motivations



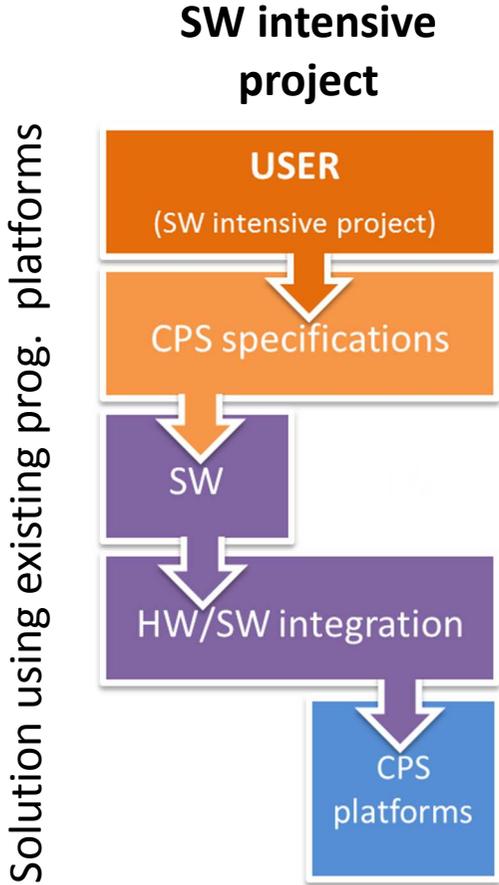
Goal & Outcome



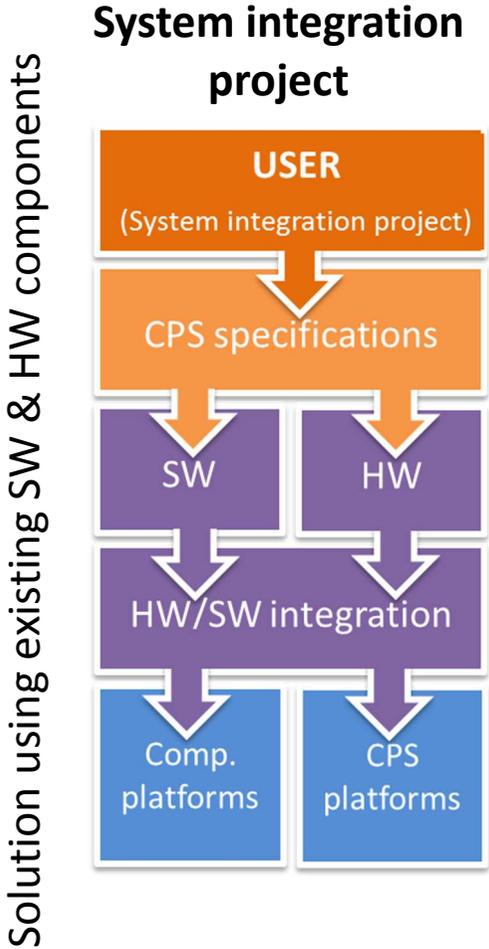
➔ **Supported, manage and monitor by cascade funding partners**



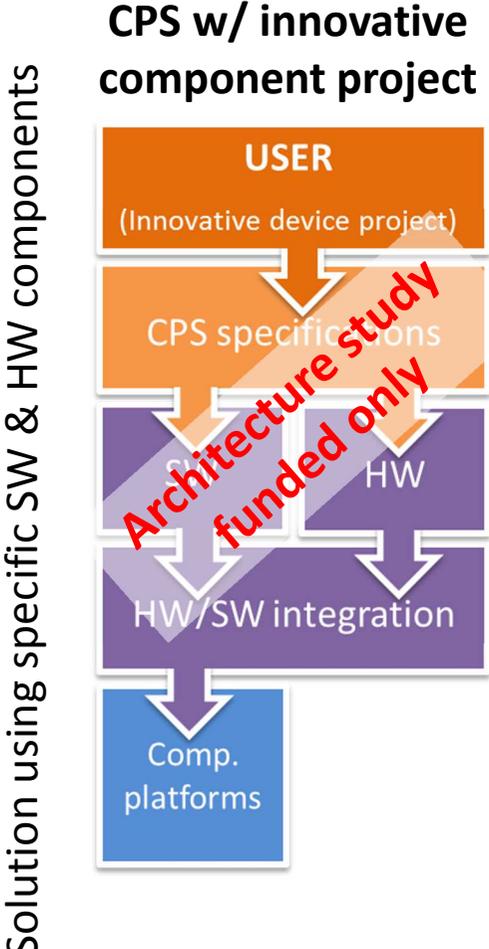
EuroCPS Industrial Experiments



➤ SW prototype demonstrator



➤ Integrated system prototype demonstrator



➤ System architecture virtual prototype demonstrator



The 9 EuroCPS platforms

Software



Avionics Platform

Processing board & real time SW solutions provided by Thales



Integrated and Open Development Platform

Simulation methods and tools for development provided by AVL

Integration system



Connectivity Platform

Solution for digitalization application provided by Schneider



STM32 Microcontroller Platform

32-bit product range provided by STMicroelectronics



iNEMO Inertial Platform

A sensor platform provided by STMicroelectronics



Quark System on Chip Platform

Low-power platform provided by Intel

Hardware



Power management Platform

Component platform provided by Infineon



Silicon Process and Package Technology

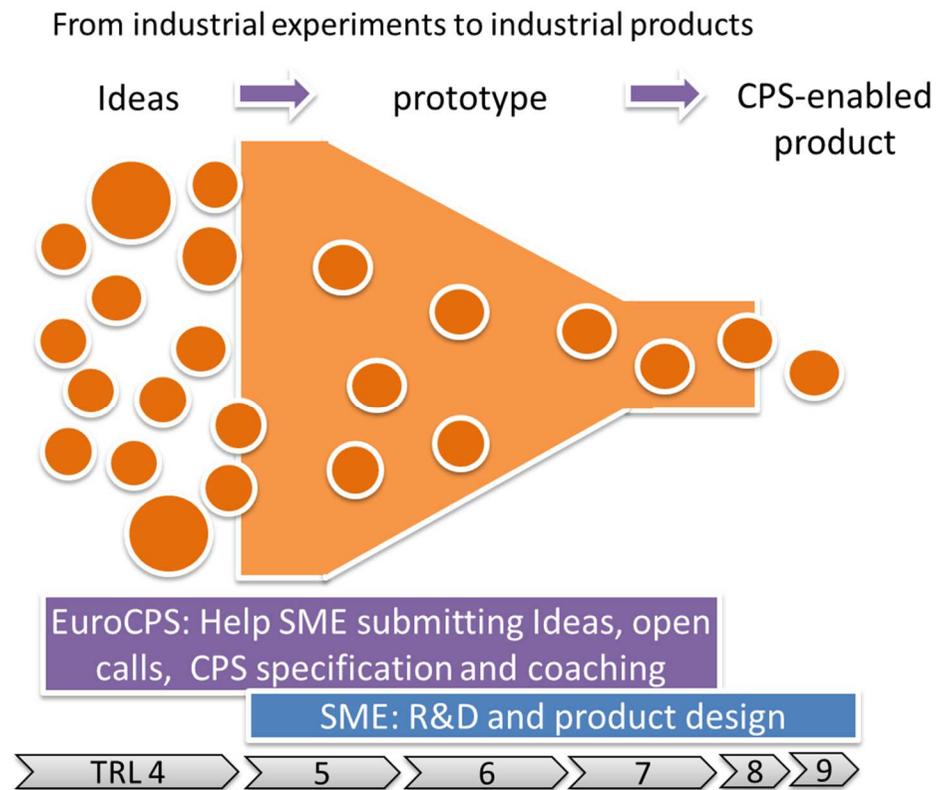
Leading-edge silicon processes and package technologies provided by STMicroelectronics



EuroCPS

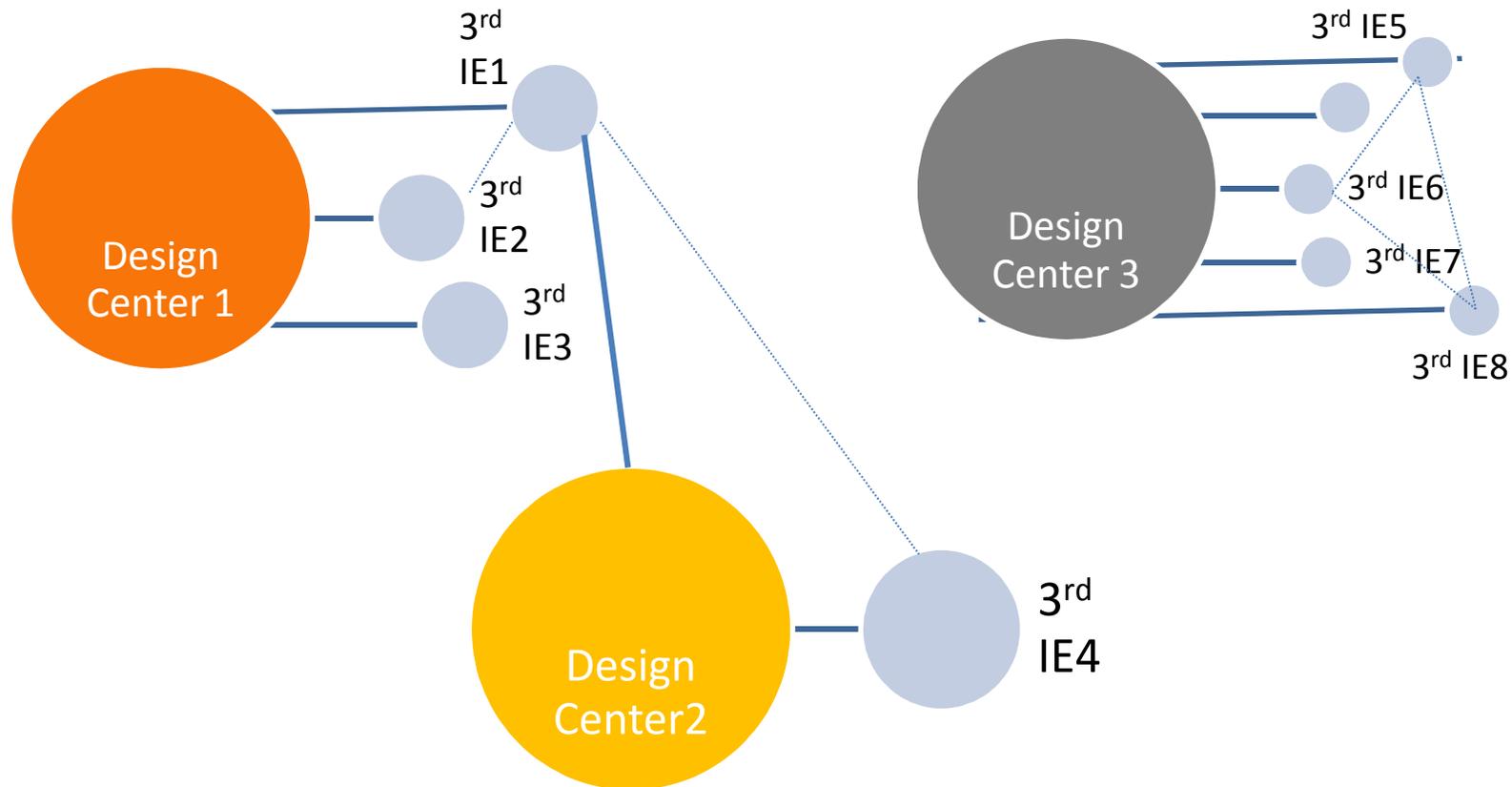
Cyber-Physical Systems

IE criteria for award of support



- ⇒ Open calls to select 30 Industrial Experiments
- ⇒ Excellence, Impact and Product implementation
- ⇒ Maximum IE duration: 18 months

Financial support to 3rd parties

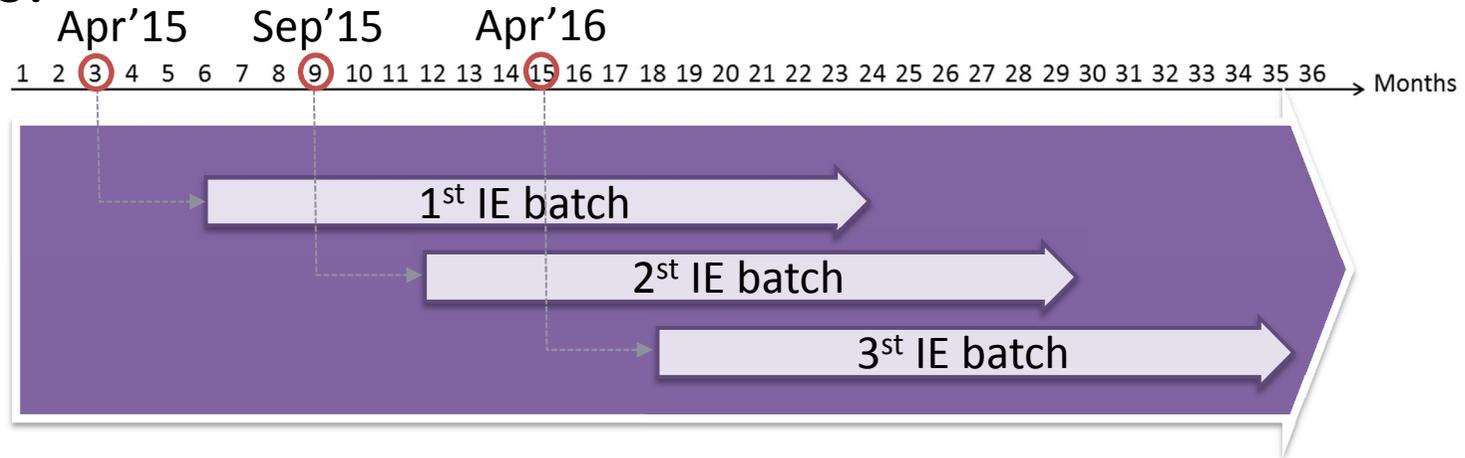


- ➔ Support R&D work of 3rd parties involved in IE
- ➔ Funding 70% of cost up to 150k€ per 3rd party

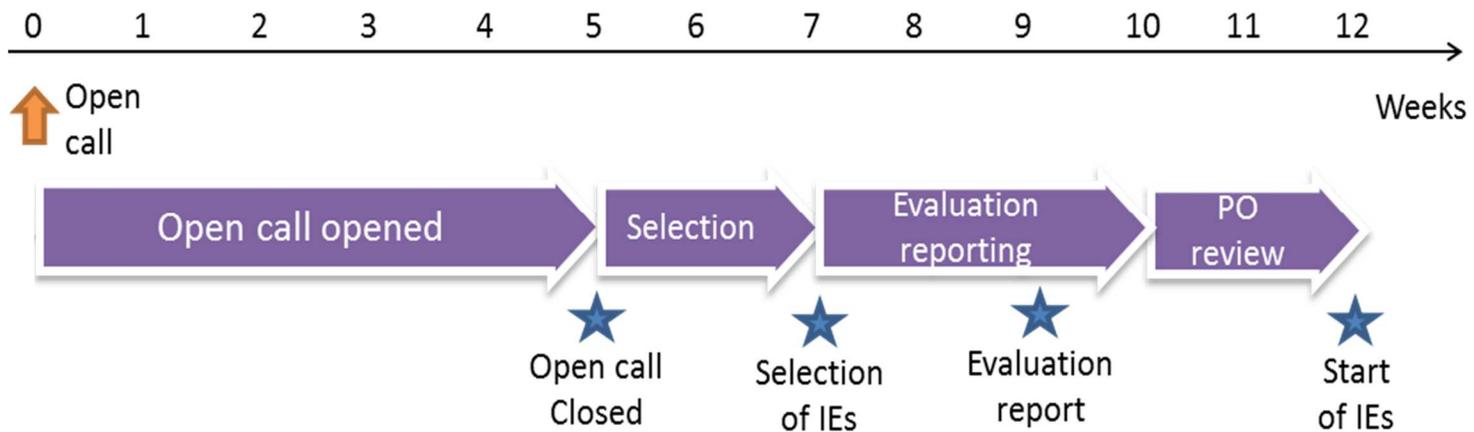


Open calls

Dates:



Basic principal:



Thank you

www.eurocps.org

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