EUREKA Clusters Joint AI Call 2020

AI Business –ohjelman EU-rahoitusaamukahvit
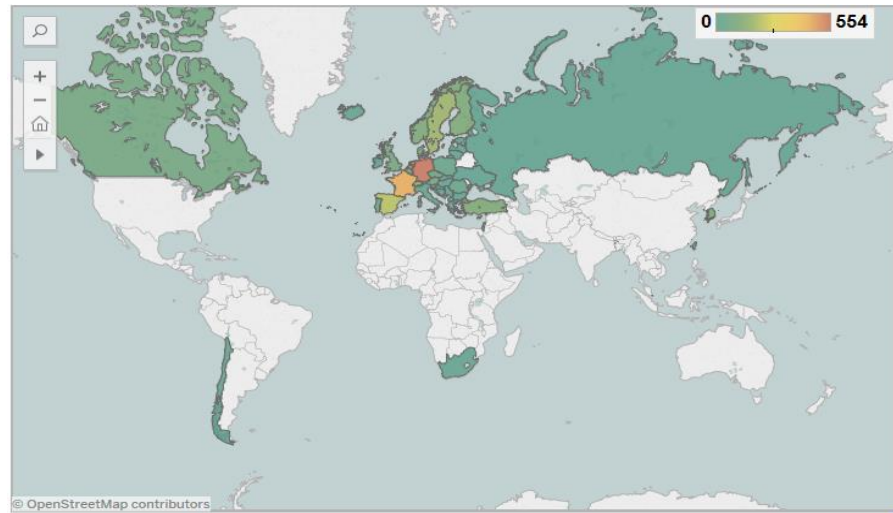
5.2.2020

Heikki Uusi-Honko

Head, International Networks

EUREKA -industry led R&D collaboration in EUROPE and Beyond

- EUREKA is an platform for cross-border industrial R&D collaboration
  - Founded 1985, today over 40 members in Europe and globally

- EUREKA enables flexible and agile funding of cross-border projects
  - Bottom-up, projects are born from the interest of companies
  - National funding organisations from all member countries involved

- www.eurekanetwork.org

EUREKA-Clusters

- Cross-Border Public-Private-Partnerships – Industry led, supported by National Funding Bodies like BF

- Involvement of key European industries (automotive, aviation, telecom, ECS, …). Canada and South Korea also actively participating

- 7 different clusters with different foci - <u>major</u> changes in 2021 !!!

- Clusters are a good fit for Finnish tech companies seeking long term RTI collaborations within European value chains

A typical Cluster project is...

2–14 participants

3–4 countries

average duration
30 months

average project cost
€1.5 - €15 million

EUREKA Clusters in AI Call

Celtic-Plus
Smart Connected World

Telecommunications

ΣURIPIDΣS²
European Smart Electronic Systems

Smart electronic
systems

eurogia 2020

Low carbon energy
technologies

ITEA3

Software intensive
systems and services

Penta

Micro and Nano
electronic technologies
and applications

More information: www.itea3.org ; www.celticnext.eu ; www.penta-eureka.eu ;
www.euripides.eureka.eu ; www.eurogia.com

BUSINESS
FINLAND

A EUREKA InterCluster Joint Call on Artificial Intelligence

An InterCluster thematic initiative

AI Call: Participating Countries & Thematic Areas

Austria
Belgium (Wallonia and Flanders)
Canada
Denmark
Finland
Germany (tbc)
Hungary
Luxemburg
Malta
Portugal
South Korea
Spain
Sweden
The Netherlands (tbc)
Turkey

………

- **AI for ICT**
- **AI for Cybersecurity**
- **AI for eHealth**
- **AI for Agriculture**
- **AI for Circular economy**
- **AI for Low Carbon Energy**
- **AI for Smart Cities**
- **AI for Industry 4.0**
- **AI for HMI – Digital Humanism**
- **AI for Electronic Components and Systems**
- ….......

Call Timeline

Call Opening
1st April 2020

Project Submission
15th June 2020

Evaluation, Labelling, National Funding Decision June 2020 to January 2021

Project Start earliest from December 2020

How to Submit a Project

➢ A shared submission portal for all applications

➢ Rules of participation/funding rates subject to national policy

➢ A single step evaluation process; it is essential for all participants to contact their public funding authority <u>well in advance</u> for eligibility check & advice

➢ Call guidance will be available on the website. Submission support will be provided

➢ **Call text will be available at cluster webpages soon**

Wish to get alerted? Send email to: heikki.uusi-honko@businessfinland.fi

EUREKA Cluster Contacts at Business Finland

➢Your account manager is always your prime contact at BF

➢Specific advice concerning the EUREKA Clusters Joint AI call is supplied by:

- **Software (ITEA3): Erkki Hietanen and Hannu Nurmi**

- **ECS development (Penta, Euripides2): Kari Leino**

- **Telecom (Celtic-Next): Erkki Hietanen**

- **General : Heikki Uusi-Honko and Tom Warras**

Email: firstname.lastname@businessfinland.fi

FINLAND 2017/18
EUREKA CHAIR +

Thank you for yor attention !

BUSINESS
FINLAND

EUREKA-Clusters

ITEA3

Celtic-Plus
Smart Connected World

Penta

EURIPIDES²
European Smart Electronic Systems

Picture: Pixabay

ITEA3

- Wide scope for activities, "software intensive systems and services". Well-established administrative support

- Largest national funding: DE, NL, FR, BE, FI, TR, SE, and ES.

- Finland; in 2008-2017 50 M€ funding from Tekes and 280 project participations

- Board: Airbus, Barco, Bosch, Bull, Daimler, Ericsson, Indra, KocSistem, Nokia, Philips, Siemens, Technicolor, Telefonica, Thales, Turkcell

PENTA

- A new cluster, 3rd call just started (2018) together with Euripides

- Micro and Nanoelectronics based systems, involving the whole value chain from components to end users

- Main industries: European ECS, medical instruments, health case, automotive, etc.

- Key Influencers include Airbus, Audi, Bosch, Gemalto, Infineon, Philips, NXP, ST, and VTT

- Will merge with Euripides2 in 2021

CELTIC+

- More that 10 years' joint development of telecom based ICT

- Focus on security of telecom and ICT

- Involvement of European manufacturers, operators, service providers, software companies, and research institutions

- **Board:** ATOS Research, British Telecom, Deutsche Telekom, Ericsson, Eurescom, Orange-Labs, Gemalto, INDRIA, Italtel, NETAS, Nokia, RAD Data Communications, Siemens, Telefonica, Telenor, Thales, Turkcell, Turk telecom

Management of EUREKA Clusters

**Board /
Core group**

—

Industry

**Technical
evaluation**

—

Experts from
industry and
academia

**Public
authorities
committee**

—

Funding
agencies and
Ministries