CELTIC-NEXT

**The flexible industry-driven programme
for innovation in
Communications technology
and its applications**

CELTIC AI Proposers Webinar

**Valérie Blavette
CELTIC-NEXT Chairperson**

Webinar agenda

- 14:00-14:15: *Welcome by Valérie Blavette* CELTIC Chairperson
and Riccardo Pascotto, Deutsche Telekom, Celtic Core-Group Member

  Introduction to CELTIC-NEXT, by Valérie Blavette,

- 14:15-14:40: *Keynote presentation: "AI and Quantum Optimization at DT",*
by Oliver Holschke, Strategic R&D Projects at Deutsche Telekom

- 14:40- 15:10: *Introduction to Eureka clusters AI call,*
by Valérie Blavette, Intercluster Chairperson and CELTIC Chairperson

- 15:10-15:45: **Practical information for CELTIC AI Proposals**
by Peter Herrmann, CELTIC Director

- 15.45- 16:45: *AI Project ideas presented by Proposers,*
moderated by Maria Barros Weiss, CELTIC Programme Coordinator

- 16:45-17:00: *Q&A and closing remarks,* by Peter Herrmann, CELTIC Director

INNOVATI @
ON T-LABS

Riccardo Pascotto, VP & Head of Infrastructure & University Cooperation

Telekom **Innovation Laboratories**
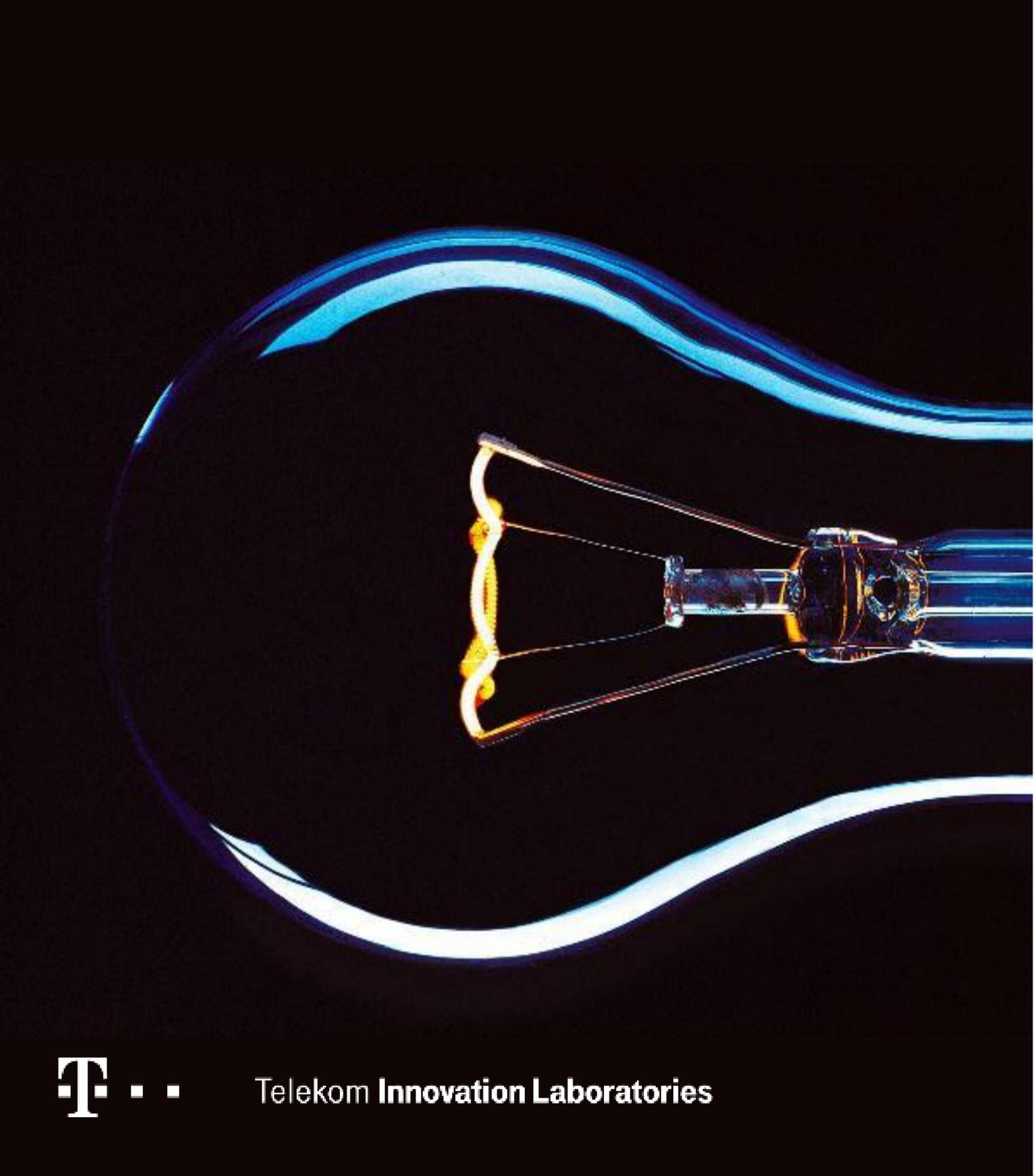
#BLOCKCHAIN
#INTELLIGENCE
#EXPERIENCE

CELTIC-NEXT is...

- **Public Private Partnership** with Eureka Countries and some regions

- **Open** to any organization willing to contribute to industry-driven ICT research and innovation collaborative projects

- **1000 private and public organisations:**
  - large industry players
  - small & medium-sized enterprises (40% of programme participation)
  - academic/research institutions

- **Several Calls per year, including joint calls with other clusters**

Benefits of CELTIC

- **Bottom-up**
  Proposers are free to define their project proposal according to their own research interests.

- **Close to the market**
  So far projects have led to more than 1050 new or improved products and services.

- **High Success Rate**
  High-quality proposals have a good chance of receiving funding.
  Average success rate 60 %.

- **Flexibility**
  Project focus can be adjusted to new technological developments in the field.

Key performance indicators:	
New or improved products	1050
Number of directly generated patents	515
Prototypes/Field Trials	1020
Contributions to standards	1360
Journal publications/Conference publ.	3200
PhD and Mater thesis	1000

Organisation

Industry
18 CELTIC-NEXT Core Group

National Authorities
CELTIC Authorities Committee

Management Team

Chairperson:
Valérie Blavette, Orange

Vice-Chair:
Jari Lehmusvuori, Nokia

Vice-Chair:
Riza Durucasugil, NETAS

CELTIC Office Director
Peter Herrmann

CELTIC OFFICE

Office admin support team

Technical IT support team

Programme support team

PR & Marketing support team

Finance support team
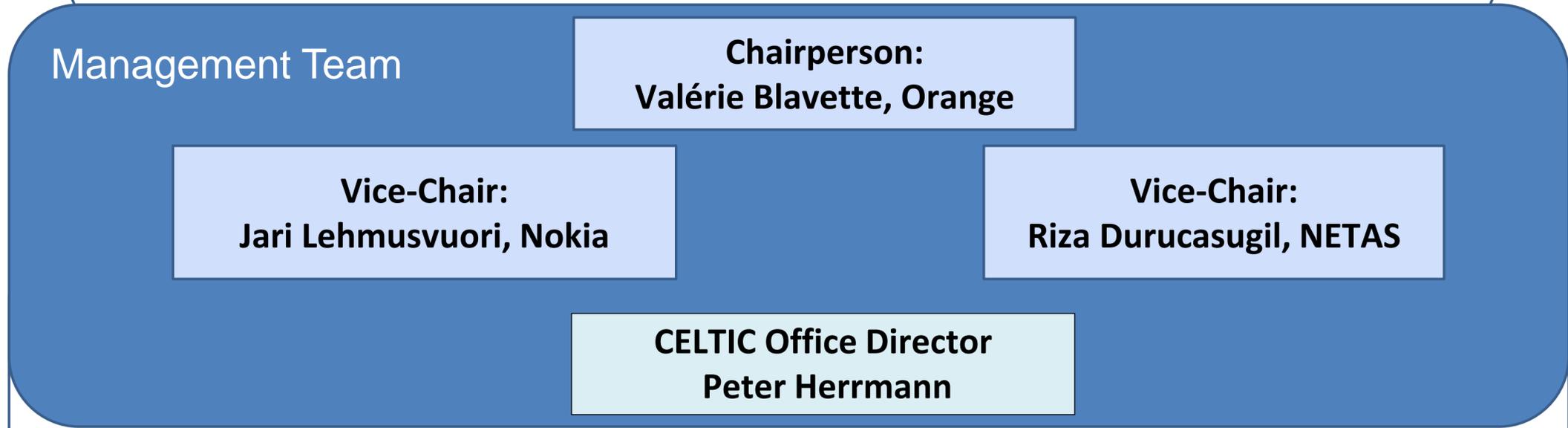
2019-2020 : Great achievements !

CELTIC in 2019

Call 2019 : Increase number of Proposals, Budget: 129 Mio €

16 countries involved. Increased participation of UK, DE, CA

Project Status	#
Running	18
Set-Up	16
Finished	131
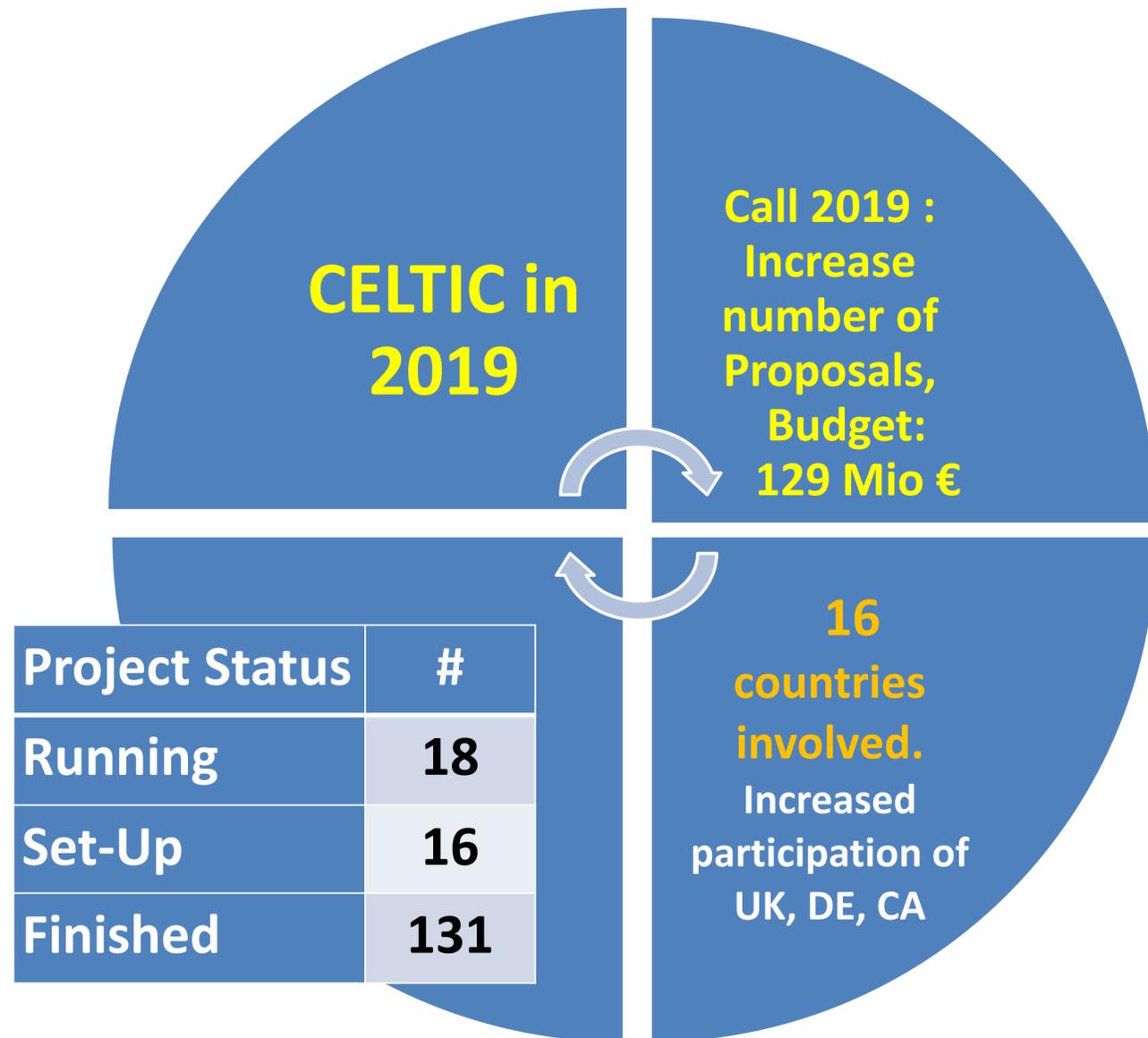
3 Calls for Proposals in 2020

- Joint CELTIC Eurogia Call in Spring (30th March)
- AI Joint Intercluster Call (15 June)
- CELTIC Autumn Call

Active role as Intercluster Spokeperson in the definition and set-up of the Eureka clusters AI call

www.celticnext.eu

CELTIC-NEXT end to end perspective including verticals

The evolution of ICT services will be achieved via a partnership model where the vertical sectors collaborate in determining their ICT solutions.

Thus CELTIC-NEXT will put emphasis on

Core technologies, Applications and Services serving Vertical sectors :

content (video, gaming),

e-health,

smart industry/ manufacturing

smart agriculture,

smart energy

smart mobility (including connected cars)

smart cities

e-commerce, fintech,….

Interne Orange

https://www.celticnext.eu/celtic-next-scope-and-research

Opportunities to collaborate globally

- Europe
- Canada
- South Korea

- And in the future
  also with other countries
  (Japan, Singapore...)

Let's invent a smarter world together !