CELTIC-NEXT

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

**CELTIC Day
2nd December 2020**

**Valérie Blavette
CELTIC-NEXT Chairperson**

CELTIC Day - morning agenda

	Morning Sessions
09:30 – 09:45	**Welcome** Valérie Blavette, CELTIC Chairperson, Orange
09:45 – 10.20	**Keynote: Sustainable ICT systems for a Green World** Dr. Klaus Grobe, Director Global Sustainability, ADVA
10.20 – 11.05	**CELTIC Awards Session** Moderator: Milon Gupta, CELTIC Office Award Ceremony: CELTIC Excellence Award Winners CELTIC Innovation Award Winner
11.05 - 11.20	**CELTIC Brokerage Tool** Peter Herrmann, CELTIC Office Director
11.20 - 11.30	**Break**
11:30 – 12:20	**CELTIC-NEXT Proposal Presentations – Present your project ideas** Moderator: Maria Barros Weiss, CELTIC Programme Coordinator • Information about the proposal (vision, motivation, research domains, impact, planned schedule, expertise needed)
12:20 – 12:30	**Schedule of pitch follow-up web-meetings** Maria Barros Weiss, CELTIC Programme Coordinator
12:30 – 13:30	**Lunch Break**

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**

www.celticnext.eu

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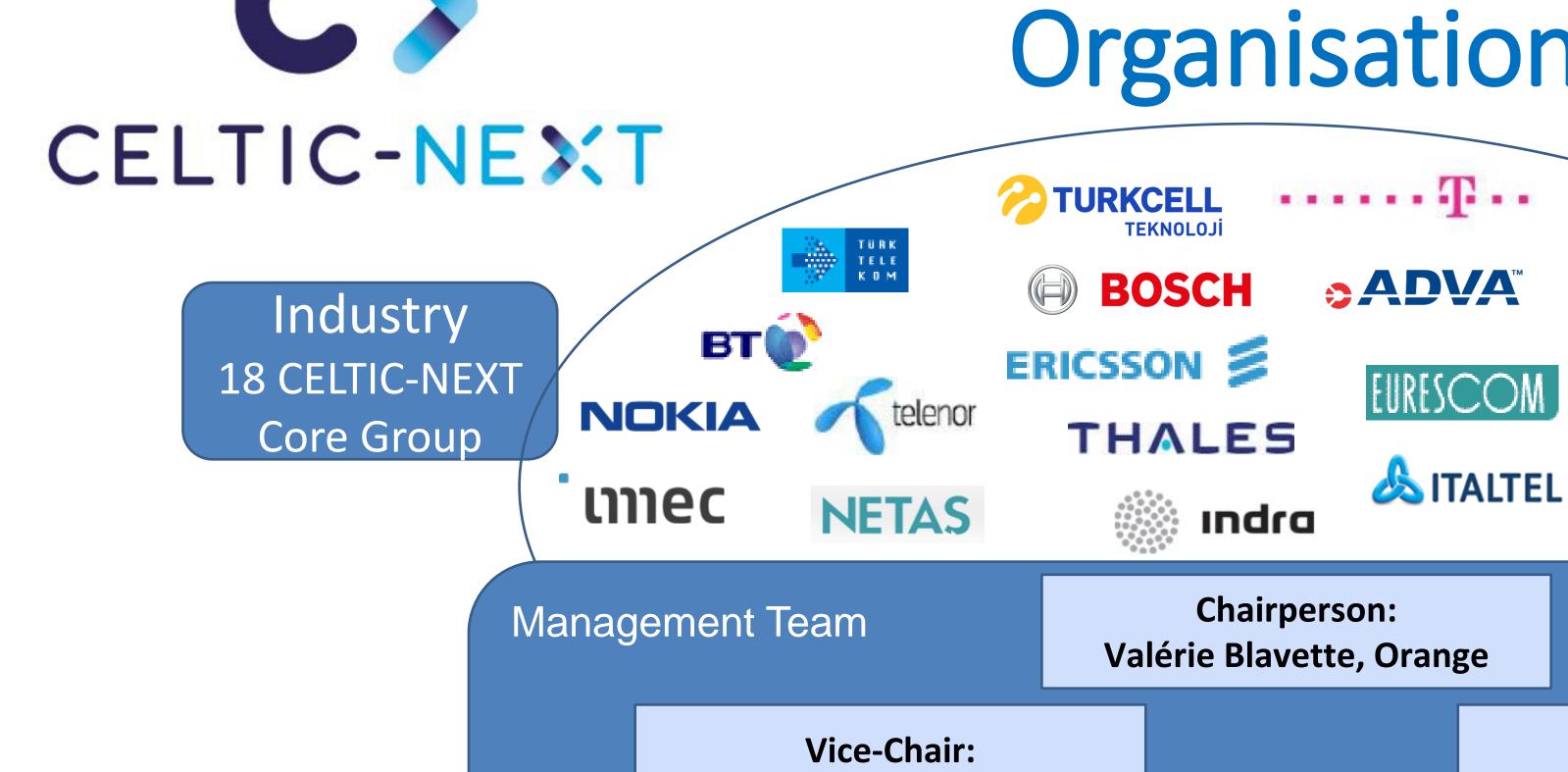 High-quality proposals have a good chance of receiving funding. Average success rate 60 %.

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

Key performance indicators:	
New or improved products	1500
Number of directly generated patents	650
Prototypes/Field Trials	1340
Contributions to standards	2140
Journal publications/Conference publ.	4600
PhD and Mater thesis	1480

2019-2020 : Great CELTIC achievements

CELTIC NEXT

3 joint calls in 2020

Since Oct 2019: 15 projects labelled with total Budget 143.5 M€

Project Status	
Running	20
Set-Up	15
Finished	133

Recent Calls & Flagship

- AI-NET Flagship on automation of telecom networks has started in June 2020
- Eureka clusters AI call
- Joint CELTIC-Eurogia Autumn Call (19th October)

CELTIC Proposers Days and Events
- Celtic presence at 5GTNF event, 28th August 2020
- Online Proposers Days, 15-16 September 2020

InterCluster Spokepersonship

- Full engagement in the new cluster governance
- Cluster Call Tool set for the AI call and re-used for the joint CELTIC-Eurogia Call

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 puts 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,….

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

Opportunities to collaborate globally

- Europe
- Canada
- South Korea
- South Africa
- Singapore

And potentially more countries in the future

Upcoming Celtic calls and Thematic calls

- **12th of April**: Submission deadline for CELTIC Spring Call CELTIC scope : ICT and its applications to verticals

- **1st of June** : Submission Deadline for the "Technology driven green Transition" call

- **28th of June** : Submission Deadline for the second AI Call

**Let's invent a smarter
and sustainable world together !**