

 CELTIC-NEXT
Σeureka Cluster

SUSTAINET Public Event
Berlin 6G Conference
8th September 2026



Christiane Reinsch,
CELTIC-NEXT Programme Coordinator

Introduction to the EUREKA ICT cluster for a secure digital society



The **ICT** **eureka** cluster
for **next-generation communications**
with over **23** years of **successful innovative projects!**



Christiane Reinsch, CELTIC-NEXT Programme Coordinator
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Who is CELTIC-NEXT?



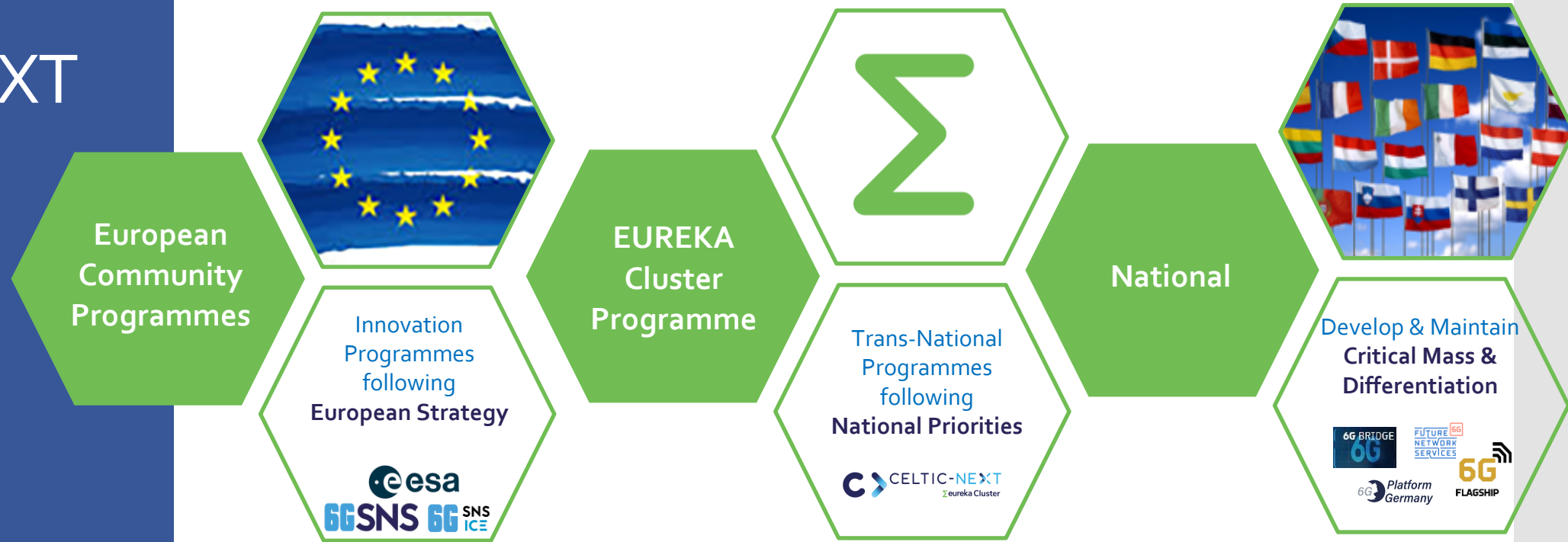
www.celticnext.eu



CELTIC-NEXT is an industry-driven not for profit cluster involving all the major ICT industry players, service providers, many SMEs, and research institutions & academia to enable a secured, trusted, and sustainable digital society.

Eureka Clusters Program: renewal of clusters licences for another 7 years for CELTIC-NEXT in 2025

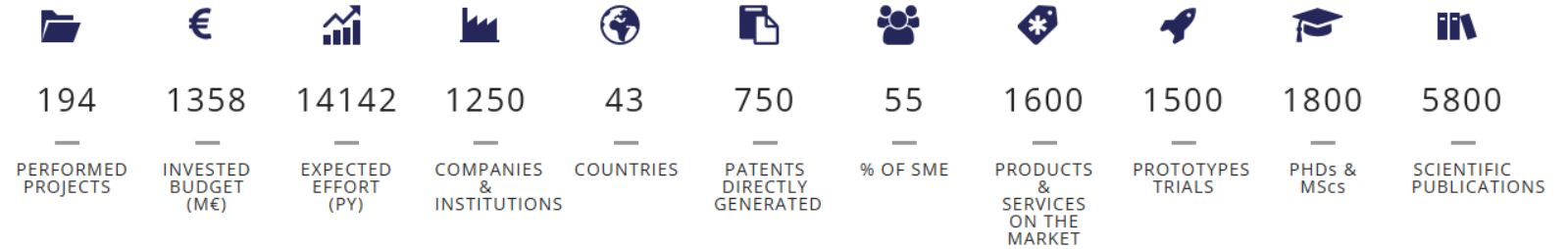
CELTIC-NEXT in the European Funding Landscape



Achievements since 2003

Key Numbers (2025):

CELTIC-NEXT IN FEW FIGURES



Key events:

Berlin, 2/07/2024:
CELTIC-NEXT Awards
Ceremony at the
Berlin 6G Conference



Berlin, 2/07/2024:
CELTIC-NEXT 21st
Anniversary Celebration
the Berlin 6G Conference
2024



Berlin, 2/07/2025:
SUSTAINET Kick-Off Event
Berlin 6G Conference



Vienna, 30/01/2026:
CELTIC-NEXT Proposers' Brokerage Day
at FFG, Austria

What CELTIC-NEXT does ...

CELTIC-NEXT manages an international Quality Label that enables international consortia to apply more successfully to National Funding schemes and assemble them to fund international cooperative innovation.

- CELTIC Bottom-up calls
- CELTIC Flagship projects & open calls
- EUREKA ECP Joint Calls



CELTIC-NEXT
Σeureka Cluster

Next-generation Communications for a secured, trusted, and sustainable digital society

Beyond 5G & 6G, Connectivity, Networks & Telco Cloud, AI and more...

Personal Services, FinTech, eHealth, Smart Home, Smart Cities, Automotive Telecom, Public Safety, Smart Enterprise & Factory, IoT

SUBMIT YOUR PROPOSAL
www.celticnext.eu



CELTIC-NEXT
Autumn Call 2026 Σeureka

Proposers' Brokerage Day

Join us in-person to share innovative proposal ideas and build a consortium!

25 September 2026 in Leuven, Belgium

Hosted by **umec**

Save-The-Date
www.celticnext.eu



CELTIC-NEXT
Σeureka

AUTUMN CALL 2026

Opening: 1 July 2026 - Deadline: 26 October 2026

Connectivity, Networks & Telco Cloud 5G & 6G ICT

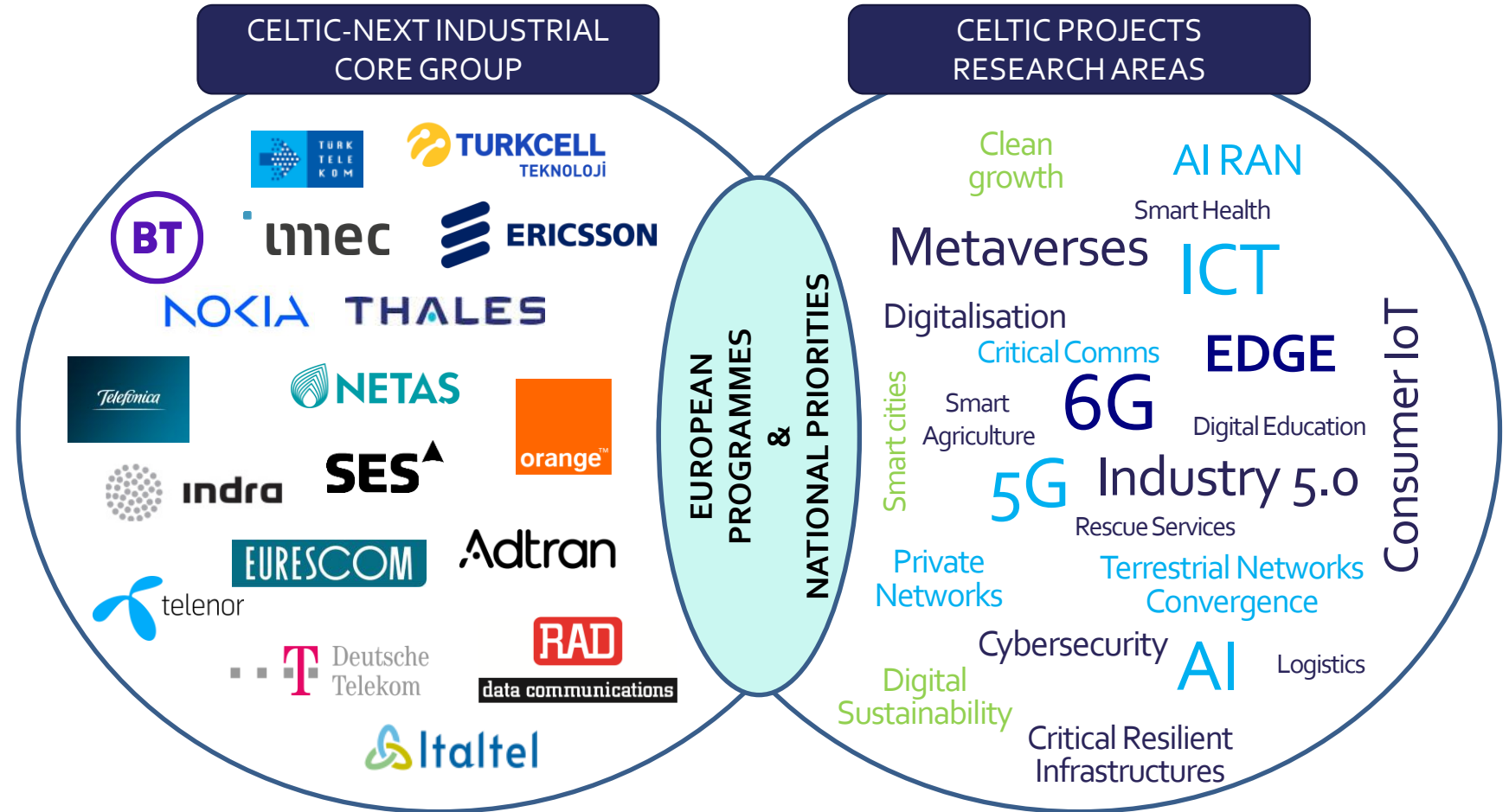
Quantum Internet, eHealth, IoT, Automotive Telecom, Smart Enterprise & Factory, Smart Cities, 5G-4G, AI, Personal Services, Public Safety, Smart Home

SUBMIT YOUR PROPOSAL
www.celticnext.eu

CLUSTER LICENSE RENEWED!

7+ years to go!
31 countries supporting us!

Strategic Roadmap & Key research Areas



Opportunities to collaborate globally



Europe (large)



UK



Canada



Chile



South-Korea



South-Africa

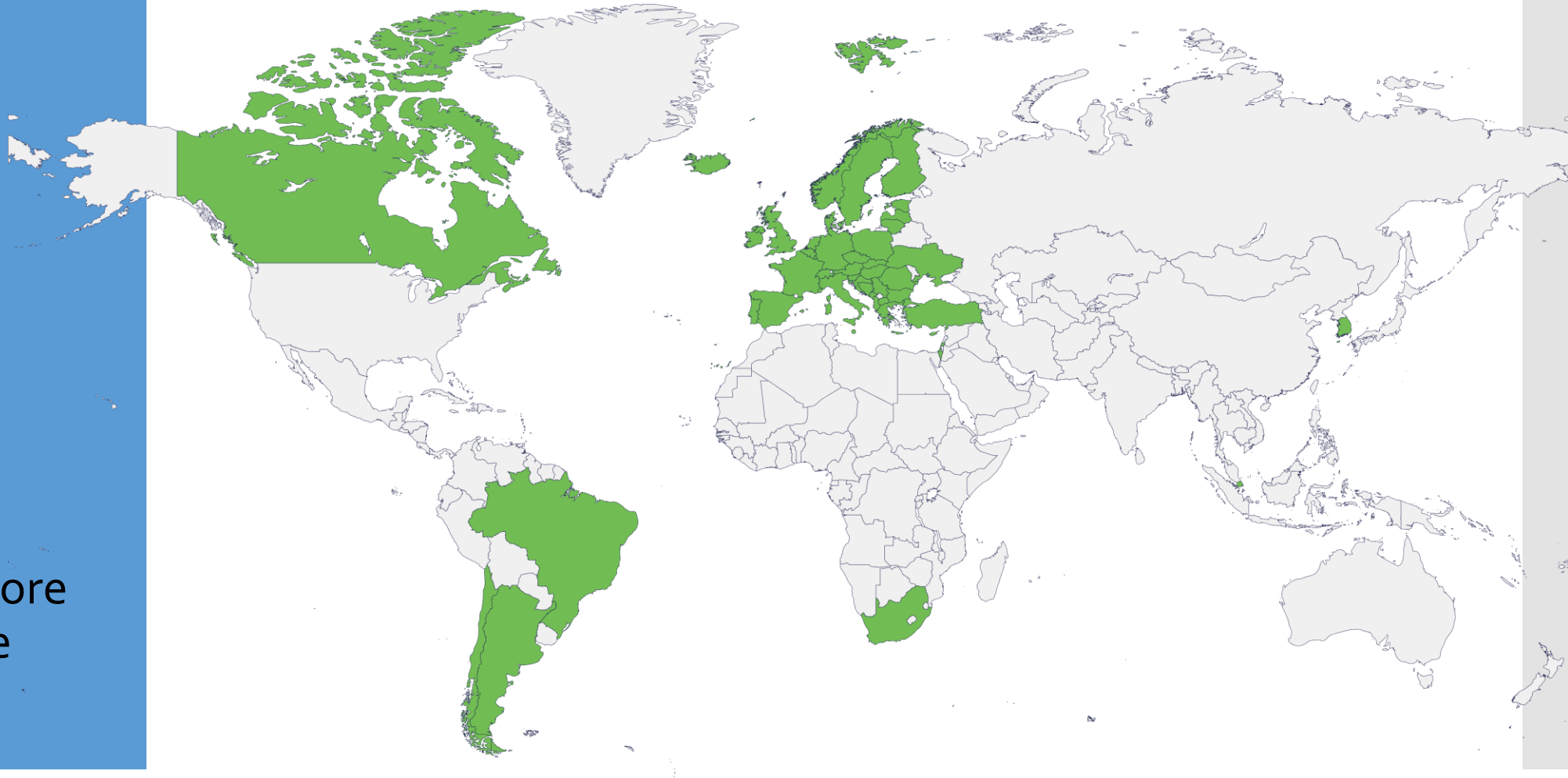


Singapore



Brazil

and potentially more countries in the future...



CELTIC Flagship impacting the Business



**80
Partners
70M€**

SENDATE
Secure Networking for a Data Center cloud in Europe

- *The world's first* 100G quantum safe transport over 2,800 km
- *The world's first* 400G link with single-photodiode for DC Interconnect
- Edge Computing shifts high traffic loads away from Core DC
- Secure cloud close to the customer allows low latency applications



SENDATE Closing Event in Ericsson's HQ in Kista, March 2019



**112
Partners
66 M€**

AI-NET

Accelerating digital transformation in Europe by Intelligent NETwork automation

72 IPRs, 84 PhD and Master Thesis, 43 hirings, 77 proof of concepts

Highly competitive solutions in the area of energy efficient edge data centers reached with 1-1.2 PUE



AI-NET Closing Event at 6G Platform Event in Berlin 2/7/2

CELTIC Flagship impacting the Business



SUSTAINET

Sustainable Technologies for Advanced Resilient and Energy-Efficient Networks

A novel path towards a digitally sovereign and climate-neutral future with focus on network resiliency and energy efficiency.

Sustainable 6G ecosystem enabling technologies on resilient compute platforms powering advanced and trustworthy AI.

**103
Partners
68,1 M€**



SUSTAINET Kick-Off Event at 6G Platform Event in Berlin 2/7/25

		ADVANCE (Adtran)	GUARDIAN (DFKI)	INNOVATE (Nokia)
Germany		✗	✗	✗
Canada		✗	✗	✗
Sweden		✗		
Finland			✗	✗
Poland		✗		
Switzerland		✗		
Great Britain			✗	✗
Belgium			(X)	✗
Ireland		✗		



SUSTAINET
advance



SUSTAINET
guardian

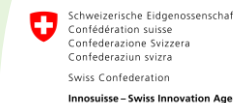


SUSTAINET
innovate

With funding from the:



Innovation project
supported by



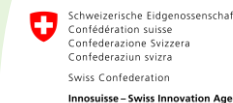


Time slot	Slot	Presenter(s)
16:00-16:05	Opening by Eurescom	Anastasius Gavras, Director Eurescom
16:05 – 16:15	Opening by BMFTR	Dr. Mikael Gast, Federal Ministry of Research, Technology and Space (BMFTR)
20 min.	National Funding authorities:	- Lars Gustafsson, Sweden's Innovation Agency Vinnova, Sweden - Vance Pan, Canadian Program Lead, Eureka CELTIC-NEXT, National Research Council, Canada
10 min	CELTIC-NEXT representative	Christiane Reinsch, CELTIC-NEXT Programme Coordinator
Presentation of SUSTAINET Umbrella project and Sub-projects		
10 min	SUSTAINET Umbrella overview	Achim Autenrieth, Senior Director Advanced Technology, Adtran
12 min	SUSTAINET-Advance	Christoph Glingener, CTO, Adtran
12 min	SUSTAINET-Innovate	René Bonk, Lead Technology Strategist, CTO Office, Nokia, (Status: confirmed)
12 min	SUSTAINET-Guardian	Petr Ledl, Head of T-Labs (Deutsche Telekom) (Status: confirmed)
17:25 – 18:00	Panel on Agentic AI impact on society and sustainability	Moderated by Anastasius Gavras, Director Eurescom with Panelists
35 minutes		

With funding from the:



Innovation project
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Thank you!

Christiane Reinsch

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CelticNextEurekaCluster



CELTIC-NEXT Video Channel

