

CELTIC-NEXT Σ eureka Cluster

CELTIC-NEXT Success Story Clusters Online Workshop, 16th Nov 2023

Xavier Priem, CELTIC-NEXT Director



CELTIC-NEXT AI-NET (06/2020 - 12/2024)

High Impact Project



ANTILLAS
subproject
NOKIA
AI-NET-ANTILLAS

PROTECT
subproject
ADVA
AI-NET-PROTECT

ANIARA
subproject
ERICSSON
AI-NET-ANIARA

Germany	X	X	X
France	X		
Sweden		X	X
Finland	X		
UK			X
Netherlands		X	
Poland		X	

Mid-Term Results

- 7 Countries, 98 Partners, 68.3M€ , 507PY
- > 48 IPR, Open Source & Standards Contributions
- > 60 Proof of Concepts
- > 36 Hirings
- > 194 Publications
- > 46 Keynotes & Public Communications

CELTIC-NEXT AI-NET umbrella project

ANTILLAS
subproject



Optical networks for
latency critical and
highly available
services

PROTECT
subproject



Secure enterprise
connectivity

ANIARA
subproject



5G / 6G Edge and
Industry 4.0

Automation of services and applications on the edge (Nokia)

Carrier-grade AI/ML for automation (Ericsson)

Edge platform and infrastructure (RISE)

Safety and security solutions (ADVA)

Subprojects

- Coordination and management by Telekom system manufacturer
- Rapid development of prototypes and early market access

Horizontal working groups

- bi- and multi-lateral cooperation across sub-projects
- Standardization and open platforms
- Joint field tests and demos

MANY THANKS FOR YOUR ATTENTION.

If you have any questions
please do not hesitate!



CelticNextEurekaCluster



@CelticNext



CELTIC-NEXT Video
Channel

Xavier PRIEM
CELTIC-NEXT - Director

c/o Eurescom GmbH
Wieblinger Weg 19/4
69123 Heidelberg, Germany

Mobile: +49 1515 796 2180
Fax: +49 6221 989 209

Email: <mailto:priem@celticnext.eu>

Web: <https://www.celticnext.eu/>

CELTIC-NEXT is a division of Eurescom GmbH/ Heidelberg

CELTIC-NEXT is a division of Eurescom GmbH/ Heidelberg