

CONSORTIUM

Fundación IMDEA Networks

PROJECT COORDINATOR

NEC Laboratories Europe GmbH

TECHNICAL MANAGER

**Telefónica Investigación
y Desarrollo SA**

**Organismos Tilepikoinonion
tis Ellados OTE ae**

NOKIA Bell NV

Software Radio Systems Limited

ADLINK Technology SARL

**WINGS ICT Solutions Information
Communication Technologies IKE**

**Interuniversitair
Micro-Electronica Centrum**

Universidad de Málaga

Universidad Carlos III de Madrid

Technische Universiteit Delft

**Internet i Innovació digital a
Catalunya**

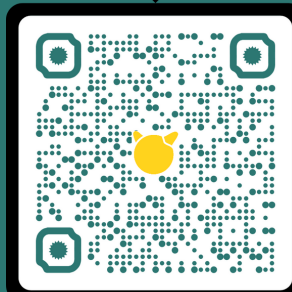


EU H2020 Research and Innovation
Programme grant 101017109



DAEMON

SCAN ME



**Network intelligence
for aDAptive and
sElf-Learning MObile
Networks**

THE H2020 EUROPEAN PROJECT

DAEMON

[HTTPS://H2020DAEMON.EU/](https://h2020daemon.eu/)

ABOUT

The DAEMON H2020 European project develops and implements innovative and pragmatic approaches to Network Intelligence design that enable high performance, sustainable and extremely reliable zero-touch network systems. To this end, DAEMON relies on end-to-end coordination of Network Intelligence-assisted functionalities deployed in both control and user planes.

METHODOLOGY

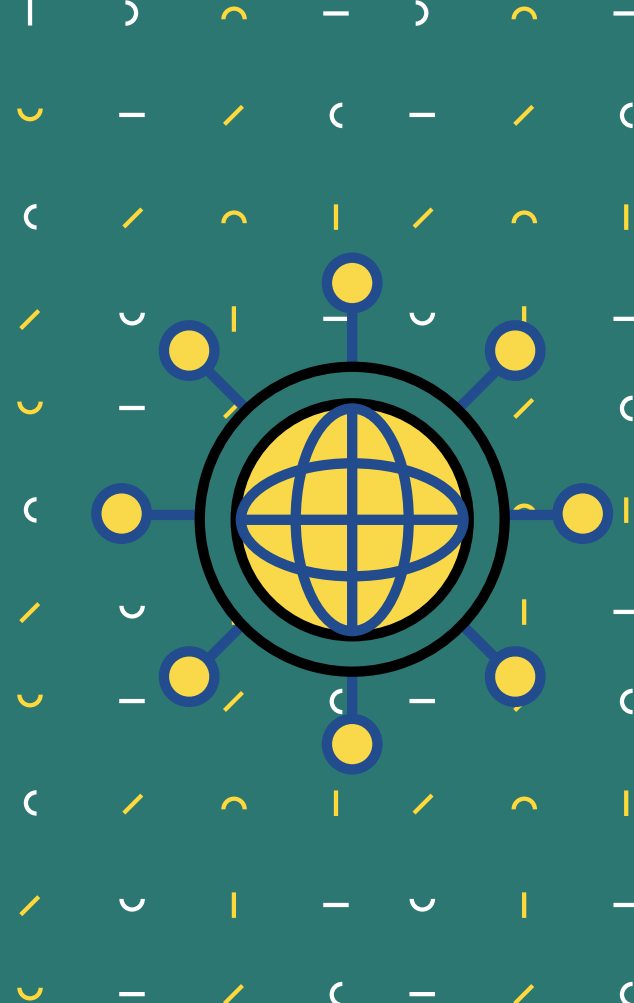
- A) Lay the foundations for a Network Intelligence-native Beyond 5G architecture
- B) Bring innovative approaches for the design of Network Intelligence that respond to the needs of specific networking tasks
- C) Develop new Network Intelligence algorithms for innovative Beyond 5G functionalities
- D) Carry out extensive validation and demonstration of Network Intelligence in real-world scenarios

OBJECTIVES

- 1) Designing a “Network Intelligence-native architecture” for Beyond 5G systems
- 2) Developing specialized Network Intelligence-assisted network functionalities for Beyond 5G systems
- 3) Establishing fundamental guidelines for a pragmatic design of Network Intelligence
- 4) Demonstrating the viability and performance of Network Intelligence-native Beyond 5G networks
- 5) Achieving substantial industrial and scientific impact

IN NUMBERS

	Start date	01 January 2021
	Duration	36 months
	Researchers	68+
	Countries	8
	Budget	€ 4.997.020



GET IN TOUCH

Website: <https://h2020daemon.eu>
Email: DAEMON-Contact@5g-ppp.eu
Social Networks: @h2020daemon
GitHub: @h2020daemon