

# CONSORTIUM

**Fundación IMDEA Networks**  
PROJECT COORDINATOR

**NEC Laboratories Europe GmbH**  
TECHNICAL MANAGER

**Telefónica Investigación  
y Desarrollo SA**

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tis Ellados OTE ae**

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**Interuniversitair  
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**Universidad de Málaga**

**Universidad Carlos III de Madrid**

**Technische Universiteit Delft**



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

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



# GET IN TOUCH

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