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5GENESIS Newsletter
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5GENESIS website: www.5genesis.eu/

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5GENESIS Project Overview

The fifth generation of mobile technology (5G) is positioned to address the demands and business contexts of IMT 2020 and beyond. The “Genesis of 5G” has entered the crucial phase of experimentation, and currently faces the challenge to validate the 5G network KPIs and verify the 5G technologies with an end to end approach. In this context, **the 5GENESIS project will validate 5G KPIs for various 5G use cases, in both controlled set ups and largescale events.** This will be achieved by bringing together results from a considerable number of EU projects as well as the partners’ internal R&D activities in order to realise an integrated End to end 5G Facility. The 5GENESIS consortium is comprised by **29 partners from 12 countries**, i.e., Germany, France, UK, Spain, Italy, Ireland, Israel, Greece, Cyprus, Norway, Sweden, and Portugal. As a result of this partnership, five platforms have been created in order to support the project’s needs. **Athens, Málaga, Limassol, Surrey and Berlin are the five platforms of the 5GENESIS Facility.**

The **5GENESIS Facility** will:

- Implement and verify all evolutions of the 5G standard, via an iterative integration and testing procedure;
- Engage a wide diversity of technologies and chain innovations that span over all domains, achieving fullstack coverage of the 5G landscape;
- Unify heterogeneous physical and virtual network elements under a common coordination and openness framework exposed to experimenters from the vertical industries and enabling end to end slicing and experiment automation; and
- Support further experimentation projects, in particular those focused on vertical markets.

Dissemination and Communication Channels

In order to effectively communicate information about the 5GENESIS project and the events which will be held, communication channels have been created in order to promote 5GENESIS to the broad public.

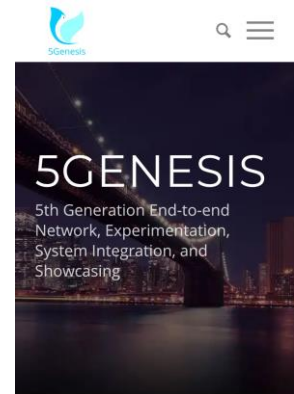
An **official 5GENESIS website** has been developed in order to promote the concept of 5GENESIS with related material, past and upcoming events, deliverables and a newsletter. The link to the official 5GENESIS project website is:

<http://www.5genesis.eu>

In addition to the official website, **5GENESIS social media channels** are running in order to inform current, and attract new, users of the 5GENESIS project and events. During July and August, the focus of the social media channels was to promote general 5G topics and events. Starting from September, a different concept of the social media platforms is used with main focus to inform the followers about 5GENESIS specific activities by “publishing” information and activities closely related to the project (new series of posts entitled “Learn About 5GENESIS” have been inaugurated).

The following 5GENESIS social media channels are active and running since end of June:

- **Facebook** (@5genesis_h2020): www.facebook.com/5genesis
- **Twitter** (@5genesis-h2020): www.twitter.com/5genesis_h2020
- **Linkedin** (@5genesis-h2020): www.linkedin.com/in/5genesis-h2020/
- **Instagram** (@5genesis_h2020): www.instagram.com/5genesis_h2020
- **YouTube** (@5GENESIS): www.youtube.com/channel/UCrT3GgwTi3nGiHLWmKUKxug



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Dissemination and Communication Channels

5GENESIS core dissemination activities, will deal mainly with the diffusion of scientific knowledge generated within the context of the project, while core communication activities, will deal mainly with raising awareness about the project through electronic and non-electronic means, through interactive and non-interactive activities. 5GENESIS since its kickoff has already participated to the following dissemination events and activities: EuCNC 2018, 5G-PPP ICT-19 INFO Day and IEEE CAMAD 2018 workshop.



European Conference on Networks and Communications (EuCNC 2018)

The first conference which introduced the 5GENESIS project, took place from 18th to 21st of June 2018 in Ljubljana, Slovenia. Dr. Harilaos Koumaras (NCSR Demokritos), was among the conference's speakers and had the chance to present 5GENESIS project and discussed opportunities for experimentation by vertical industries.



*Dr. Harilaos Koumaras
at EuCNC, Ljubljana*

5G PPP ICT-19 INFO Day

The 5GENESIS project was presented in the 5G PPP ICT-19 INFO Day which took place in the 14th of September in Brussels. Dr. Harilaos Koumaras, from NCSR Demokritos (Athens, Greece), was the project's representative and explained the opportunities for ICT-19 proposers in using the five 5GENESIS Platforms.



*Dr. Harilaos Koumaras
at 5G-PPP ICT-19 INFO Day, Brussels*

IEEE CAMAD 2018

The 5GENESIS paper with title "5GENESIS: The Genesis of a flexible 5G Facility" was presented by Dr. Harilaos Koumaras (NCSR Demokritos) in IEEE CAMAD 2018 International workshop, on Tuesday 17 September 2018, in Barcelona, Spain.



*Dr. Harilaos Koumaras
at IEEE CAMAD 2018, Barcelona*



General Assembly Meetings

Two plenary meetings have been organized during the first quarter in order to promptly manage and plan the 5GENESIS project. The 5GENESIS kickoff meeting took place in Athens, Greece in the 10th and 11th of July 2018 and a second plenary meeting in Munich, Germany from the 29th to 31st of August 2018.

Kickoff Meeting in Athens

The kickoff meeting was successfully organized in the Municipality of Aegaleo in Athens, Greece in the 10th and 11th of July 2018. All 29 partners participated and worked together to set the initial plans and actions. The main scope of this meeting was to discuss about the first phase of the project, its objectives and the upcoming actions that have to be taken.

Second Plenary Meeting in Munich

The second plenary meeting took place at Intel/Infineon Campeon headquarters in Munich, Germany, from 29th to 31st of August 2018. In this 3-day meeting, the progress of the first months was evaluated, action plans were revised and additional targets were set. First deliverables are under editing and the first milestones are met.



Communication Channels



<http://www.5genesis.eu>

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Platforms Contact Information

- 5GENESIS Athens Platform: athens@5genesis.eu
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