



EVOLVED-5G

NEWSLETTER #3

(July - September 2021)



evolved-5g.eu

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ISSUE HIGHLIGHTS

The third issue of EVOLVED-5G Newsletter presents the project activities during the period July - September 2021. This issue focuses on the communication and dissemination activities performed within this period, while also lists the respective deliverables and the conducted meetings.

In numbers, the EVOLVED-5G activities are:

- 1 Articles
- 3 Presentations
- 2 Conference Papers
- 2 5G-PPP White Papers
- 4 references in European SME Expertise in 5G and Beyond Brochure
- 5 5G-PPP Activities
- 1 Period Deliverables
- 2 Upcoming Deliverables
- 1 GA Plenary Meeting



Communication and Dissemination Activities

Articles

- An interesting article, entitled *“Unmanned Life Hits The Factories Of The Future (FoF) Market”*, has been published by the EVOLED-5G Partner Unmanned Life.

The article showcases the impact of EVOLVED-5G project on industrial environments while it also explains the role of Unmanned Life in the project.

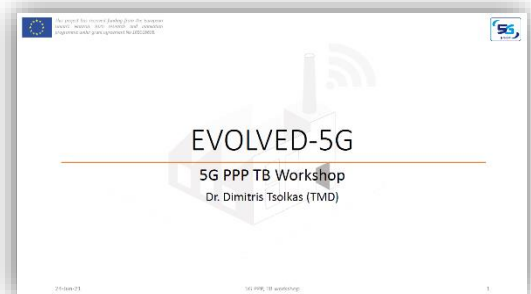
You may find the article, online, [here](#).



Presentations

- EVOLVED-5G partner, Dimitris Tsolkas from FOGUS, participated in the 5GPPP TB meeting on July 24.

During the meeting he presented the EVOLVED-5G project by sharing a project overview along with details about the architecture and the members of the consortium.



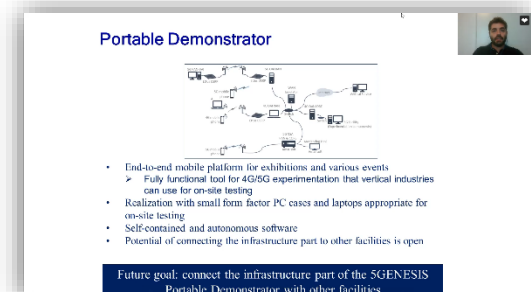
- EVOLVED-5G partner, Dimitris Fragkos (NCSRDI), presented the conference paper entitled *“5G Vertical Application Enablers Implementation Challenges and Perspectives”* on the context of IEEE MeditCom 2021 which took place in Athens on 7-10 September 2021.

You can find more information about the respective special session, during which the presentation took place, [here](#).



- EVOLVED-5G partner presented the conference paper entitled *“An open source 5G experimentation testbed”* on the context of IEEE MeditCom 2021 which took place in Athens on 7-10 September 2021.

You can find more information about the respective demo session, during which the presentation took place, [here](#).



Conference Papers

- EVOLVED-5G partners are among the authors - Dimitrios Fragkos and Georgios Makropoulos (NCSR Demokritos, Greece); Panteleimon Sarantos (National Centre of Scientific Research, Greece); Harilaos Koumaras (NCSR Demokritos, Greece); Anastasios-Stavros Charismiadis (National and Kapodistrian University of Athens, Greece); Dimitris Tsoikas (Fogus Innovations and Services, Greece) - who published the paper *"5G Vertical Application Enablers Implementation Challenges and Perspectives"*.

You can access the paper online on the EVOLVED 5G website [here](#).



- EVOLVED-5G partners are among the authors - Panos Matzakos (EURECOM, France); Harilaos Koumaras (NCSR Demokritos, Greece); Dimitris Tsoikas (Fogus Innovations and Services, Greece); Maria Christopoulou and George K Xilouris (NCSR Demokritos, Greece); Florian Kaltenberger (Eurecom, France) - who published the paper *"An open source 5G experimentation testbed"*.

You can access the paper online on the EVOLVED 5G website [here](#).



PUBLICATIONS

CONFERENCE PAPERS

1. Dimitrios Fragkos and Georgios Makropoulos (NCSR Demokritos, Greece); Panteleimon Sarantos (National Centre of Scientific Research, Greece); Harilaos Koumaras (NCSR Demokritos, Greece); Anastasios-Stavros Charismiadis (National And Kapodistrian University of Athens, Greece); Dimitris Tsoikas (Fogus Innovations and Services, Greece), *5G Vertical Application Enablers Implementation Challenges and Perspectives*, IEEE MeditCom, September 2021.
2. Panos Matzakos (EURECOM, France); Harilaos Koumaras (NCSR Demokritos, Greece); Dimitris Tsoikas (Fogus Innovations and Services, Greece); Maria Christopoulou and George K Xilouris (NCSR Demokritos, Greece); Florian Kaltenberger (Eurecom, France), *An open source 5G experimentation testbed*, IEEE MeditCom, September 2021.

5G-PPP White Papers

- EVOLVED-5G partner, Fofy Setaki (COSMOTE) has contributed to the 5GPPP white paper entitled *"5G Ecosystems"* by Infrastructure Association Vision and Societal Challenges Working Group Business Validation, Models, and Ecosystems Sub-Group.

You may read more and access the white paper in the 5g-ppp page, [here](#).



- EVOLVED-5G partner, Apostolis Salkintzis (from Lenovo) has contributed to the 5GPPP white paper entitled *"View on 5G Architecture"* by 5GPPP Architecture Working Group. This is the fourth release of the white paper, which continuously captures the technology trends developed in the different phases of the 5GPPP.

You may read more and access the white paper in the 5g-ppp page, [here](#).



More information about the EVOLVED-5G related news can also be found in the dedicated dissemination page at: <https://evolved-5g.eu/dissemination/>

European SME Expertise in 5G and Beyond Brochure

- One of the key goals and objective for the EVOLVED-5G Project is for the engaged SMEs to design, develop, validate, and publish innovative NetApps and multiple applications on top of them, that will cover major business use cases for the Factory of the Future (FoF).

The European SME Expertise in 5G and Beyond Brochure introduces 8Bells, Fogus, INFOLYSiS, and Internet Institute, 4 EVOLVED-5G SMEs, describing their background, achievements, and FoF cooperation.

The latest #Network SME brochure, where you can find the SMEs related to EVOLVED-5G project, among others, is now available! Access it and find more information, online, [here](#).



5G-PPP Activities

- INFOLYSiS, EVOLVED-5G partner and SME WG member, attended the NetworkEurope SME Working Group and the SME WG-European Digital SME Alliance workshop on 5G, Edge Computing and IoT topics, on 16th of September.



➤ 5G-PPP Newsletter Issue 24

The latest Newsletter issue (July - August 2021) of 5G-PPP is available online at the 5G-PPP website: <https://5g-ppp.eu/newsletter-25-july-august-2021/>

➤ 5G-PPP Newsflash Issues

The latest newsflash issues of 5G-PPP are available online and can be found at the 5G-PPP website from the following links:

- Newsflash Issue 61 (June 2021):
<https://5g-ppp.eu/newsflash-june-2021/>
- Newsflash Issue 62 (July 2021):
<https://5g-ppp.eu/newsflash-july-2021/>
- Newsflash Issue 63 (August 2021):
<https://5g-ppp.eu/newsflash-august-2021/>



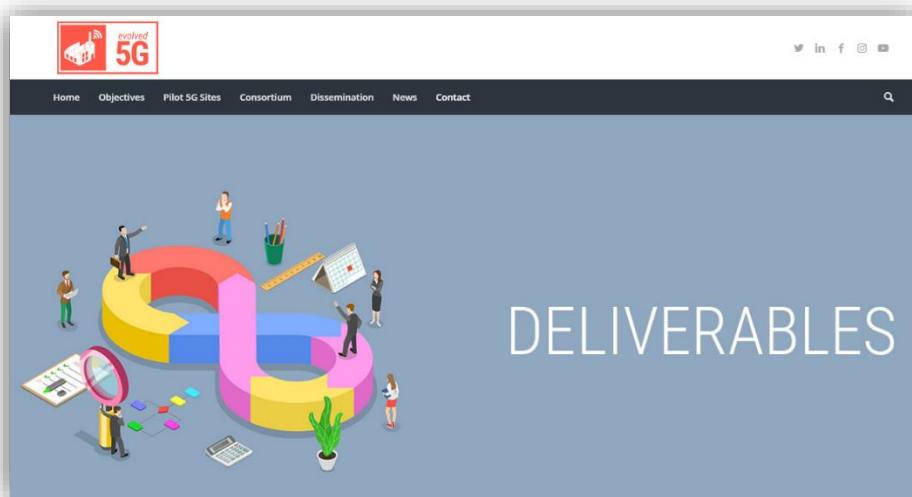
Period Deliverables

D2.1 Overall Framework Design and Industry 4.0 requirements [M9]: This deliverable will report the overall design of the whole system, including the first version of the functional and non-functional requirements, and the monitoring methodology followed in the development phase.

Upcoming Deliverables

D2.2 Design of the NetApps development and evaluation environments [M10]: This deliverable will provide a description for the workspace for NetApps development and for the validation and certification process.

D7.2 Standardisation, Innovation, Exploitation and Technology Transfer plan [M10]: Plan on the innovation, exploitation as well as standardization activities of the project.



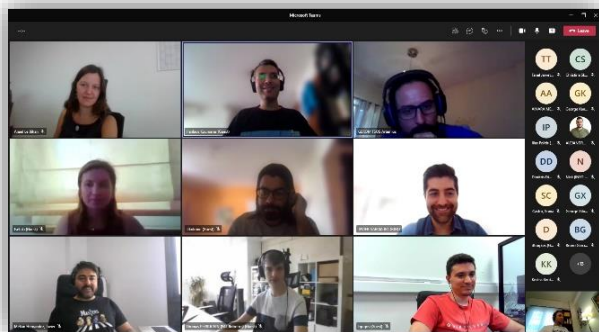
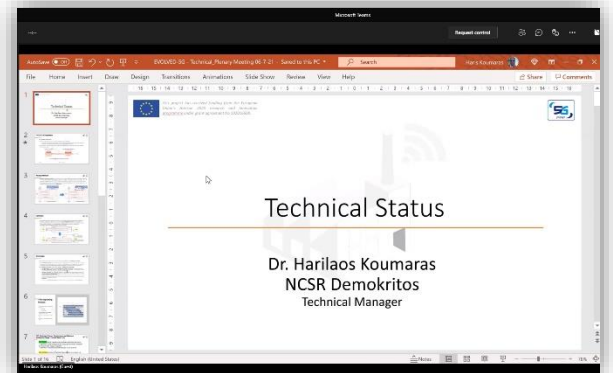
All the public EVOLVED-5G deliverables are available for downloading at the EVOLVED-5G website in the deliverables page: <https://evolved-5g.eu/dissemination/deliverables/>.

2nd GA Plenary Meeting

The EVOLVED-5G second GA plenary meeting took place virtually, due to the COVID-19 impact and safety restrictions that apply worldwide!

This virtual GA meeting ran for 2 days, 6 – 7 July 2021, continuing the discussion about the project's progress within the respective period of the second 3-moths.

Among several detailed discussions, WPs' and tasks' activities, NetApp functions, and the new goals to be met over the next period, were also discussed. Besides the technical progress and goals, the communication and dissemination activities were also analyzed, setting the path for the upcoming period. Last but not least, for the better coordination of the project, the discussion about the submitted and upcoming deliverables was also part of the agenda.



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Call: H2020-ICT2018-2020
Topic: ICT-41-2020
Type of Action: Innovation Action
Duration: 36 Months
Start Date: 1 January 2021

