



EVOLVED-5G

NEWSLETTER #5

(January – March 2022)



evolved-5g.eu

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ISSUE HIGHLIGHTS

The fifth issue of EVOLVED-5G Newsletter presents the project activities during the period January-March 2022. This issue focuses on the communication and dissemination activities performed within this period, presents an upcoming event, while also lists the upcoming deliverables.

In numbers, the EVOLVED-5G activities are:

- 1 Presentation
- 1 Online Article
- 1 Press Release
- 1 Training Workshop
- Upcoming EuCNC Event
- 6G IA information
- 3 Upcoming Deliverables
- 1 GA Meeting

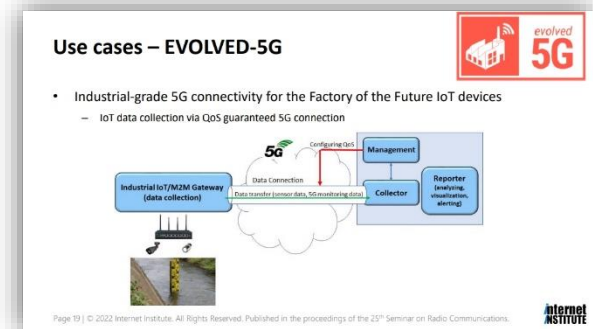


Communication and Dissemination Activities

Presentation

- EVOLVED-5G partners, Rudolf Susnik, Janez Sterle and Luka Korsic presented the ININ's NetApp **"Industrial grade 5G connectivity for the Factory of the Future IoT devices"** developed in the context of EVOLVED-5G project.

The presentation has been published in the proceedings of the **25th Seminar on Radio Communication, SRK 2022**, which held from 2nd to 4th of February 2022, at the Faculty of Electrical Engineering in Ljubljana, Slovenia. You may learn more information about the event here: <http://srk.fe.uni-lj.si/2022/main.php>



Online Article

- An article entitled **'EVOLVED-5G builds the first 3GPP NEF Emulator to support SMEs on 5G programmability'**, was communicated by 6GSNS, as an open source project, that implements the standardized NEF APIs in a configurable emulated environment. You may access the article online [here](#)



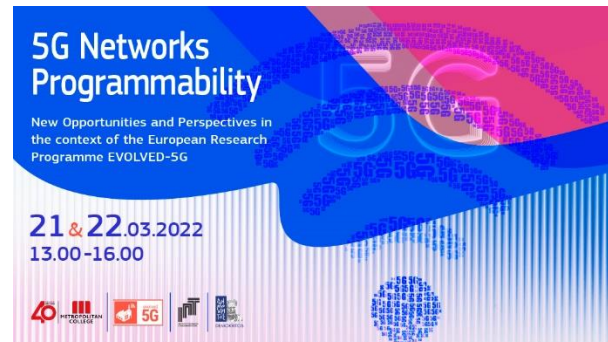
Press Release

- 5GPPP website communicated the EVOLVED-5G's 3GPP CAPIF Core Function, developed by project partners: Telefonica I+D and Fogus Innovations & Services P.C! Read and find all them related documentation [here](#)



Training Workshop

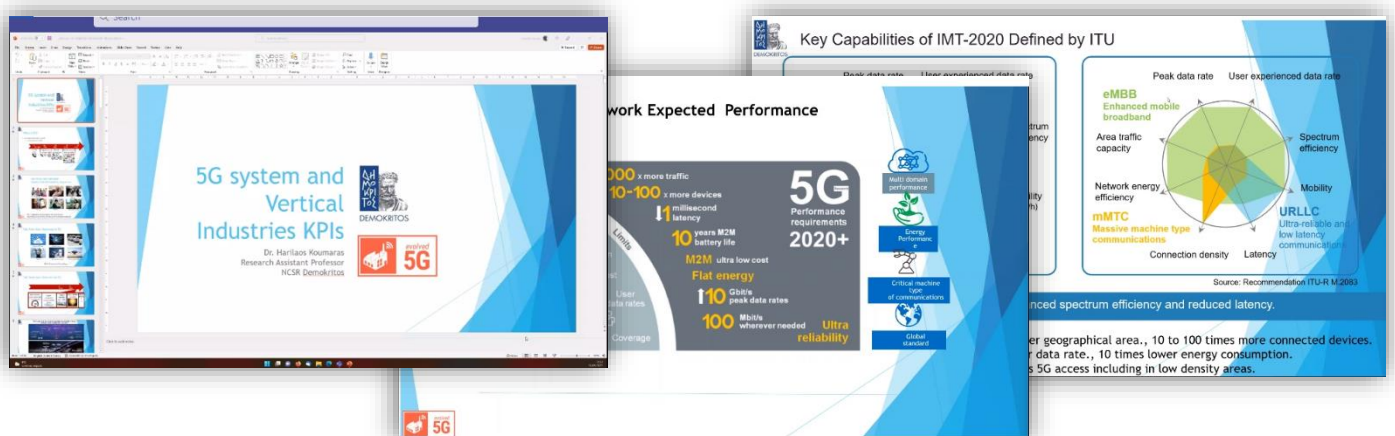
EVOLVED-5G organized a two-day training workshop in collaboration with the Computer Science department of Athens Metropolitan College entitled “5G Networks Programmability”. The event took place on the 21st - 22nd of March and new opportunities and perspectives were presented in the context of the EVOLED-5G European Research programme. The event was attended the first day by 100 people and the second day by 80, mainly undergraduate and postgraduate students at the Athens Metropolitan College.



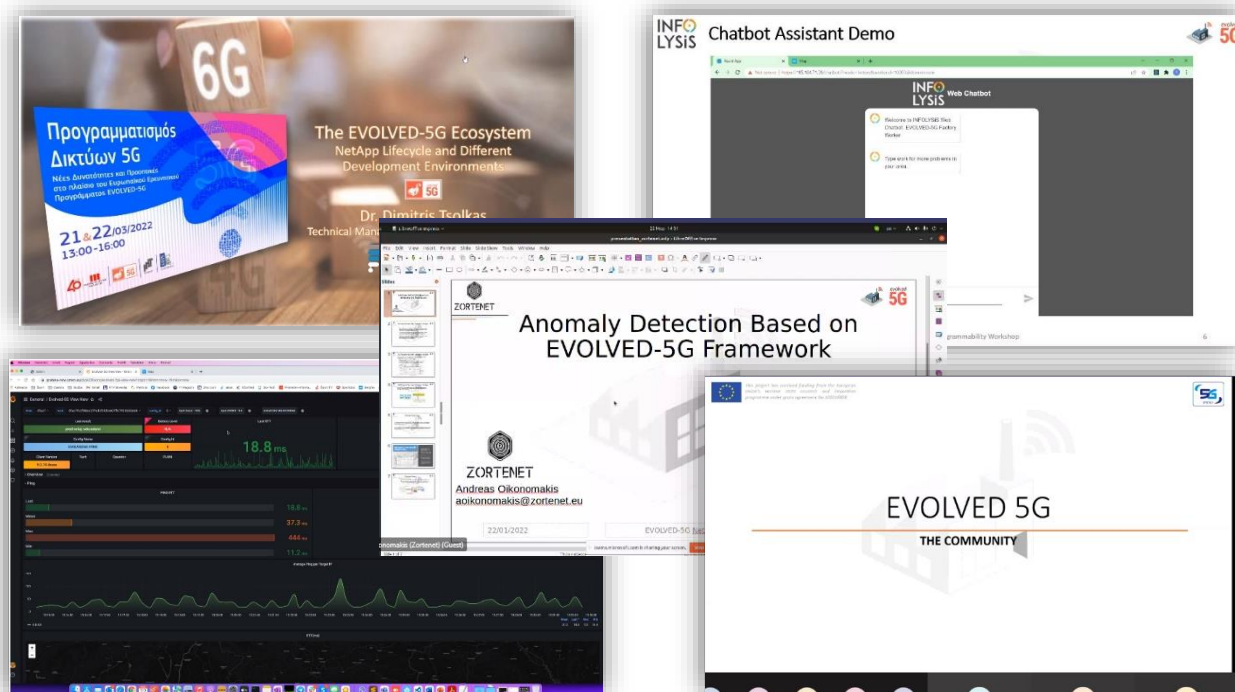
In this context, 3 SMEs, partners of EVOLVED-5G, (INFOLYSiS, Internet Institute L.t.d and ZorteNet) were invited in order to showcase during the special Demo Session. Finally, Smart5Grid (ICT-41 project) partners were invited to attend this workshop, enhancing the synergy between the two projects and presenting a different perspective and the NetApps development for the Energy sector.

Dr. Ioannis Manolopoulos, Research Associate in NCSR Demokritos and Programme Leader of Campus Metropolitan College, chaired the workshop both days.

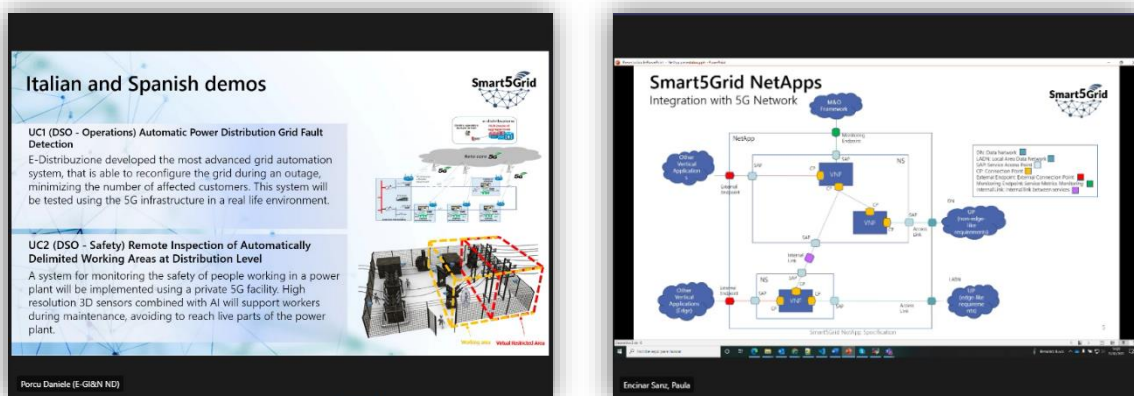
The first day opened with the presentation of Dr. Harilaos Koumaras (NCSR) ‘Introduction to 5G System’, followed by the presentation of Mr. Dimitris Fragkos and Mr. Anastasios Gogos (NCSR) about ‘5G Programmability and APIs Exposure’ and the presentation of Mr. George Makropoulos (NCSR), about ‘The NetApp Concept Design Principles Implementation Principles’. The day 1 closed with questions from the audience.



The second day, Dr. Dimitris Tsolkas from FOGUS, delivered a presentation entitled ‘NetApp Lifecycle and Different Development Environments: The EVOLVED-5G Ecosystem’. Then, 3 three Demos took place, INFOLYSis NetApp Demo (Ms. Theoni Dounia), Internet Institute NetApp Demo (Mr. Luca Korsic) and the ZorteNet NetApp Demo (Mr. Andreas Oikonomakis). Ms. Christina Skoumbridou closed the presentations in the EVOLVED-5G context with a presentation about ‘EVOLVED-5G, The Community’.



The second day of the training workshop closed with two presentations from Smart5Grid project. Mr. Daniele Porcu, presented an ‘Overview of Smart5Grid and the 4 Use Cases’, while Ms. Paula Encinar delivered a presentation entitled ‘Smart5Grid NetApp Specification’.



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

Upcoming EVENT

On the 7th-10th of June, EuCNC and 6G Summit will take place in Grenoble, France. This event *'brings together cutting-edge research and world-renown industries and businesses, globally attracting in the last years more than 1 300 delegates from more than 40 countries all over the world.'* **EVOLVED-**

5G aspires to join the event with several dissemination activities (5 paper submissions and several presentations in workshop slots). You can find more about the event [here](#).



Learn more about...



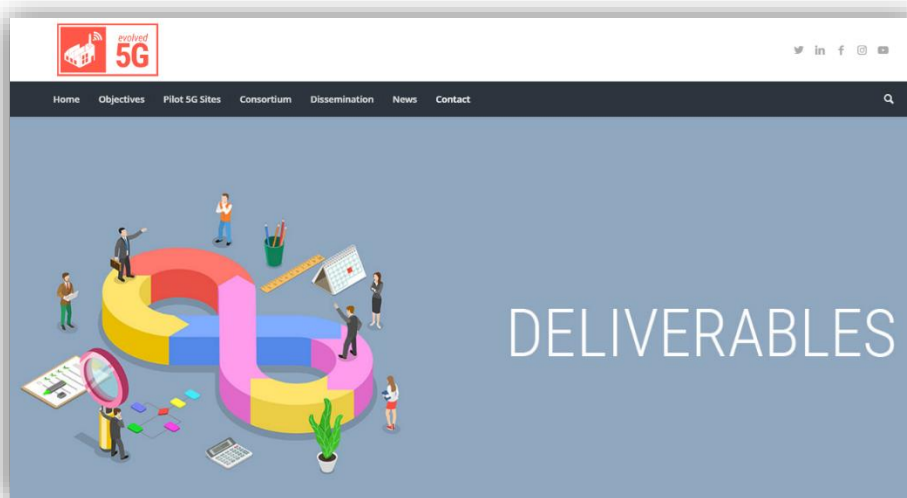
The 6G-IA stands for *6G Smart Networks and Services Industry Association*, and its primary objective is to contribute to Europe's leadership on 5G, beyond 5G and SNS/6G research. It represents the private side in both the 5G Public Private Partnership (5G-PPP) and the Smart Networks and Services Joint Undertaking (SNS JU), and the European Commission represents the public side. The Association brings together a global industry community of telecoms & digital actors, such as operators, manufacturers, research institutes, universities, verticals, SMEs and ICT associations. To learn more about 6G-IA click [here](#)

Upcoming Deliverables

D4.2 EVOLVED-5G FoF NetApps (Public, M17): Initial release of NetApps based on the early prototypes provided by SMEs partners for the four pillars.

D1.4 Report on Ethics, Legal Aspects and Data Management (Confidential - M18): Updated report on the data management plan and ethics, legal aspects considering requirements and specifications for the Industry 4.0 NetApps to be developed and tested in the context of the project.

D3.2 NetApp Certification Tools and Marketplace development (Intermediate, Public - M18): This deliverable reports on the intermediate version of the Task 3.4 results with respect to the certification tools and marketplace development.



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/>.

The 4th GA meeting (virtual) of EVOLVED-5G took place on the 10th -12th of January. The first days' discussions were about the technical overview of the project and WP2 and WP3 status, planning and upcoming activities. The second day continued with WP3 and WP4 status, certification mechanisms and NetApps developments. The last day was about work package activities, communication and dissemination actions and activities related to EVOLVED-5G's involvement in the upcoming EUCNC.



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