



EVOLVED-5G

NEWSLETTER #4

(October – December 2021)



evolved-5g.eu

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ISSUE HIGHLIGHTS

The fourth issue of EVOLVED-5G Newsletter presents the project activities during the period October - December 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 Press Release
- 5 Presentations
- 2 Online Articles
- 1 Conference Paper
- 1 Conference Poster
- 1 Booth/Demonstration
- 1 Panel Discussion
- 1 5G-PPP Activity
- 3 Period Deliverables
- 1 Upcoming Deliverable
- 1 GA Plenary Meeting



Communication and Dissemination Activities

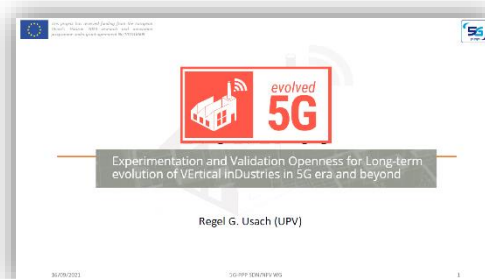
Press Release

- COSMOTE, EVOLVED-5G partner, released a press release sharing details and explaining the fundamental elements of EVOLVED-5G project. You may access the press release [here](#).

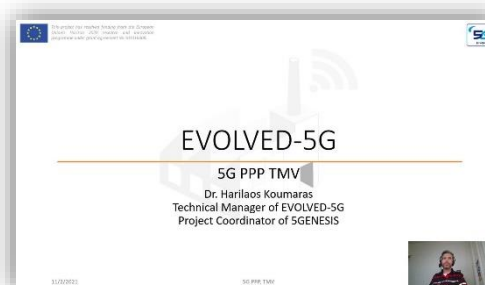


Presentations

- EVOLVED-5G partner, Régel González Usach (Universitat Politècnica de València UPV), presented EVOLVED-5G project and EVOLVED-5G NetApps in the 5G-PPP Software Networks WG on 16 September 2021.



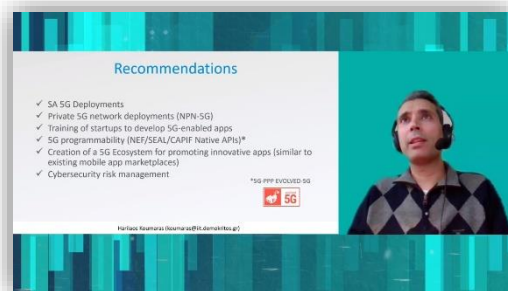
- EVOLVED-5G technical manager Harilaos Koumaras from NSCR DEMOKRITOS, presented the EVOLVED-5G project at 5G-PPP TMV WG on 2 November 2021. He shared information about the scope, the motivation, and the architecture of the EVOLVED-5G project.



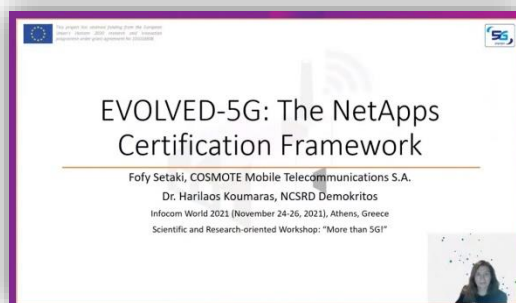
- EVOLVED-5G partner, Tanel Järvet (CAFA Tech), presented the EVOLVED-5G project and introduced the CAFA Worker Robot, during Nordic Pavilion session of the Smart City Expo World Congress (18 November 2021). More information regarding the Smart City Expo World Congress can be found [here](#).



➤ The Technical Manager of EVOLVED-5G Project, Harilaos Koumaras (NCSR "DEMOKRITOS"), presented the advantages and the flexibility of the 5G Ecosystem during his 5G Techritory presentation (22 November 2021) as they are described in the context of EVOLVED-5G project. You may learn more about the event [here](#).



➤ EVOLVED-5G partner, Fofy Sfetaki (COSMOTE), presented during Infocom World 2021, that took place in Athens on 24-25-26 of November, the concept of the “NetApps Certification Framework” as it is being introduced by the EVOLVED-5G Project. More information about Infocom World 2021 can be found [here](#).

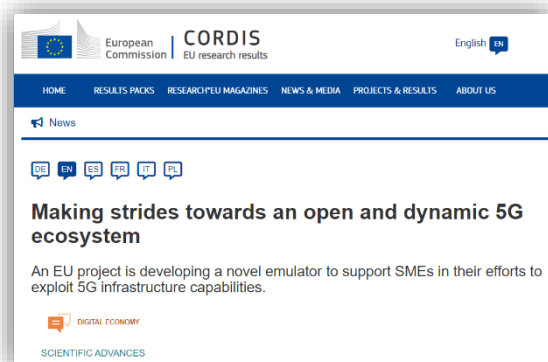


Online Articles

➤ An article called “EVOLVED-5G builds the first 3GPP NEF Emulator to support SMEs on 5G programmability Online Article” by NCSR “DEMOKRITOS” partner is published in the 5GPPP News section. Read the article [here](#).

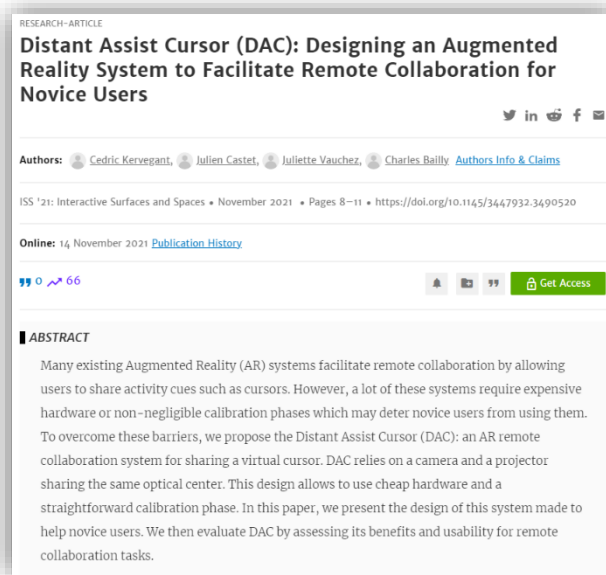


➤ The EVOLVED-5G NEF emulator has been communicated by CORDIS EU research results platform, as a tool to support SMEs and boost the development of 5G-aware services and applications, the so-called NetApps. In specific, EVOLVED-5G project partner National Centre for Scientific Research “Demokritos” (NCSR Demokritos), in Greece, is currently in the process of developing the first 3rd Generation Partnership Project (3GPP) Network Exposure Function (NEF) Emulator to support SMEs on 5G programmability. You may access the article online [here](#).

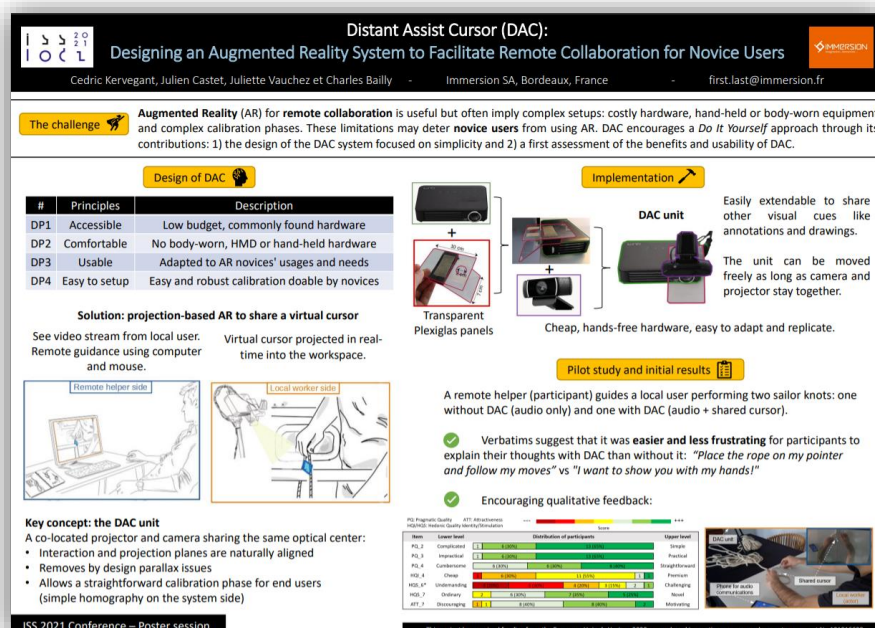


Conference Paper and Poster

- Immersion, EVOLVED-5G partner, has released a research paper entitled "Distant Assist Cursor (DAC): Designing an Augmented Reality System to Facilitate Remote Collaboration for Novice Users" in the context of ACM ISS 2021, on 14 November 2021. The paper comes from IMM research efforts regarding the IMM vApp domain: "Remote Assistance in Augmented Reality". You may access the conference paper [here](#).



- In the context of ACM ISS 2021 (14 November 2021), Immersion has also published a poster explaining the "Distance Assist Sensor (DAC): Designing an Augmented Reality System to Facilitate Remote Collaboration for Novice Users". The poster is available for downloading in the following [link](#).



Booth/Demonstration & Panel Discussion

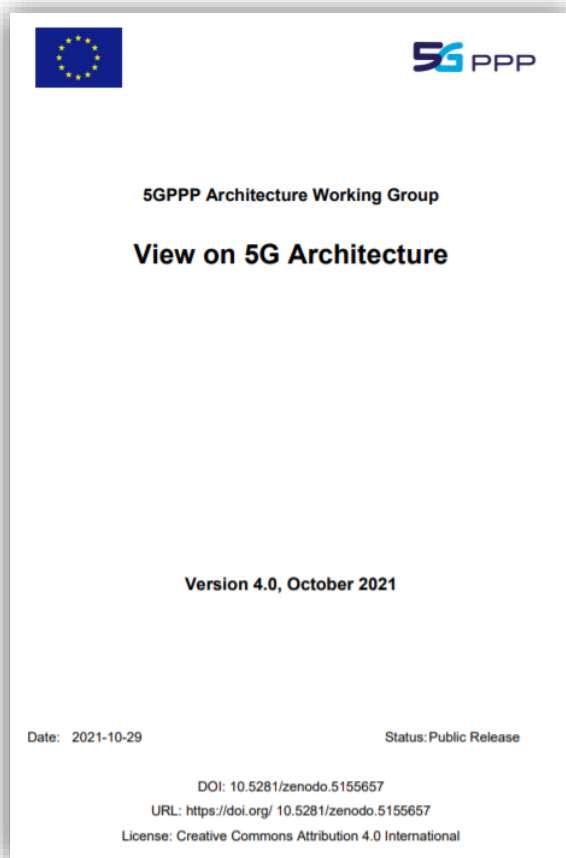
- CAFA Tech, EVOLVED-5G partner, participated in the Estonian Joint Stand, at the Smart City Expo World Congress in Barcelona, which took place on 16th-18th November 2021. More than 400 companies were represented at the fair, introducing innovative solutions to create a better urban life for people and enable more efficient and inclusive urban services. On behalf of EVOLVED-TG Project, Tanel Järvet presented the CAFA Worker robot and the 5G cellular drone, introducing the EVOLVED-5G Project and its results.
- Tanel Järvet (CAFA Tech) also participated in a panel discussion, Moderated by the TalTech – Tallinn University of Technology Smart City Centre of Excellence and featuring CAFA Tech, Fyma and Envelope, during the Smart City Expo World Congress where aspects and results of the EVOLVED-5G project and its use cases were also discussed and presented.



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

5G-PPP Activities

- Lenovo, Fogus Innovations and ATOS, EVOLVED-5G partners, have contributed in the 5GPPP “View on 5G Architecture” #4 white paper. Remarkable is the contribution made to chapter 2.6.7 “NetApp principles and implementation aspects” where the EVOLVED-5G definition of a NetApp is adopted. You may find the white paper [here](#).



Period Deliverables

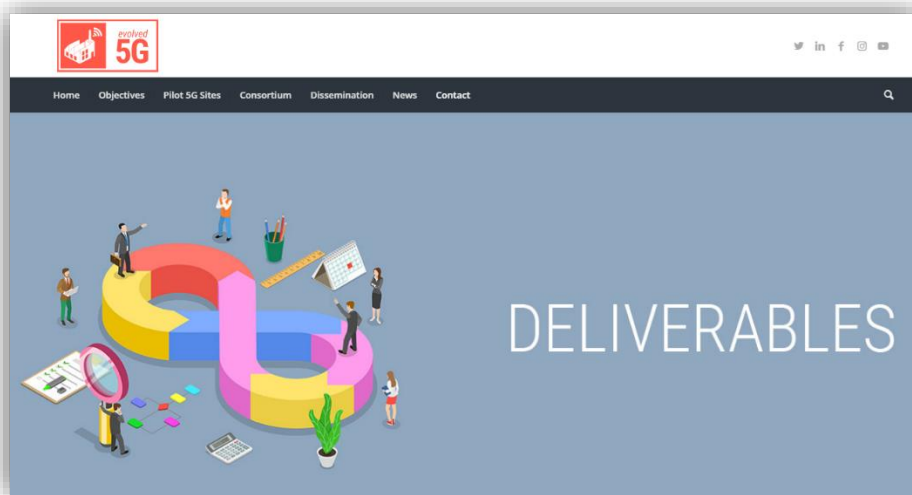
D2.2 Design of the NetApps development and evaluation environments [M10]: This deliverable provides a description for the workspace for NetApps development and for the validation and certification process.

D3.1 Implementations and integrations towards EVOLVED-5G framework realisation (intermediate) [M12]: This deliverable is the first version of the EVOLVED-5G framework encompassing the results of the Tasks T3.1-T3.3, i.e., the open workspace together with the validation tools and open repository integrated with the infrastructure testbeds. This version considers the early prototypes released until M12.

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

Upcoming Deliverables

D4.1 5G Exposure Capabilities for Vertical Applications (Intermediate) [M14]: Intermediate report on the use of the EVOLVED-5G tools to develop and test the NetApps supporting the vertical applications.



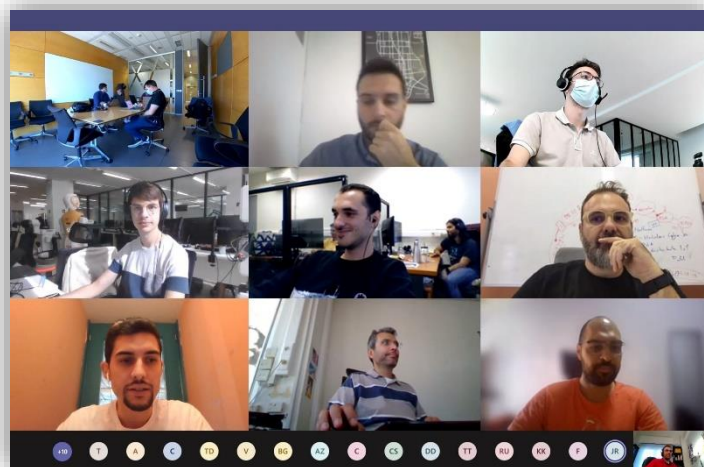
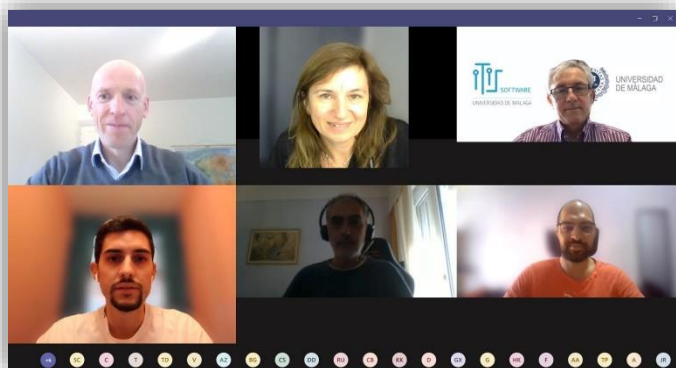
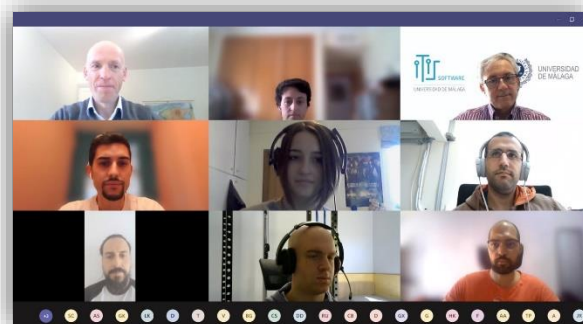
All the public EVOLVED-5G deliverables are available for downloading at the EVOLVED-5G website in the deliverables page: <https://evolved-5g.eu/dissemination/deliverables/>

3rd GA Plenary Meeting

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

This virtual GA meeting ran for 3 days, 5-7 October 2021, continuing the discussions about the project's progress within the respective period of 9-months on which the project runs.

Among several detailed discussions, the latest 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, a detailed 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

