



5G EVE

5G Infrastructure News

Issue 6 - June 2021

Editorial

Dear reader,

The 5G EVE project is now close to the finishing line, after three years of productive collaboration. Despite the pandemic-related restrictions in Europe, the 5G EVE consortium has succeeded in producing its final results at high quality, in line with the work plan. And although major events have only taken place online, the consortium successfully managed to disseminate its results to a considerable number of participants. In this sixth and final edition of 5G Infrastructure News, we will share some of the highlights, which the consortium achieved in the first half of 2021.

In the Results section, we present summaries of our latest public deliverables – D3.5, D4.6, D5.8, and D5.9. Please note that we have some final public deliverables still in the pipeline, which will be available in July, namely D2.5, D6.5, and D6.5. In addition, we share a short report about the remote operation use case by 5Growth, which is running on the 5G EVE platform. In our latest explainer video, we present in about two minutes the 5G EVE multi-site gaming use case. Under Results we also address the important topic of 5G EVE site continuity beyond the end of the project on 30 June 2021. This is particularly important to the ongoing 5G PPP use case projects

performing tests and experiments on our platform.

In the Events section, we present a number of online events, which we either organized ourselves or in which we participated as presenter. Highlights among those events are 5G EVE's first virtual booth at an online exhibition and our final webinar, which showcased our major project achievements.

We hope you find the information in our newsletter interesting and valuable, and we would like to thank all our readers for their interest in the activities and results of our project over the past three years.

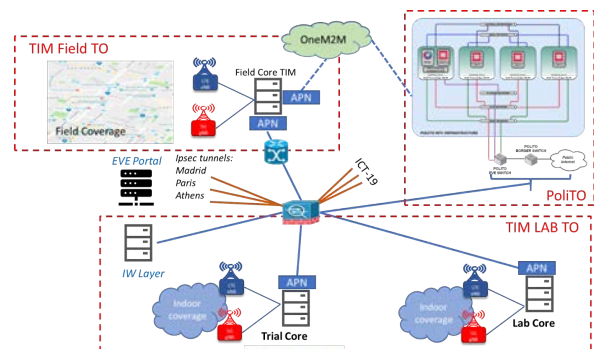
Kind regards,

The 5G EVE Team

RESULTS

5G EVE platform maintenance after project completion

The 5G EVE project is about to be completed by the end of June 2021. This three-year project, driven by the commitment of its 28 partners, has provided Europe with a large-scale experimental platform for testing and validating vertical product and service innovations for Europe-wide 5G deployment. The testing and validation activities will continue, and there is a clear need ...



[Read more](#)

5G EVE multi-site gaming use case video



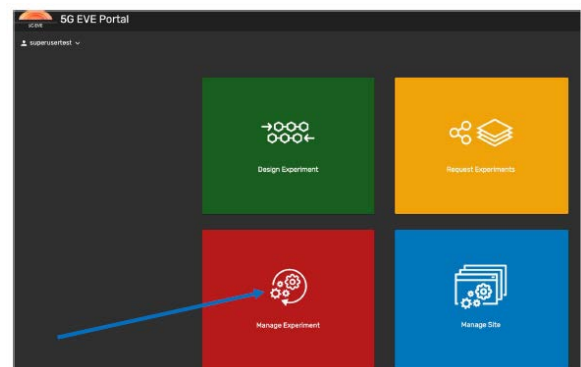
The video explains how the 5G EVE platform supports developers from different vertical sectors in validating their 5G-enabled products and services in a structured, swift and efficient way. Thanks to the platform's multi-site capabilities, testing and experimentation can be performed across borders involving different site, as the gaming use case shows. In this way, the 5G EVE validation platform helps ...

[Read more](#)

Testing, validation, and performance diagnosis methodologies user manual - 5G EVE Deliverable D5.9

Deliverable D5.9 presents the user manual of the final 5G EVE testing and validation methodology and framework. This user manual provides details on the step-by-step procedure to design, prepare, instantiate, execute and validate an experiment and further collect insights from the performance diagnosis process. Download link: <https://doi.org/10.5281/zenodo.4965241>

[Read more](#)



Testing and validation methodologies final report with the final version of testing and validation suite - 5G EVE Deliverable D5.8



Deliverable D5.8 presents the final version of the 5G EVE testing and validation platform, focusing on the components of the platform which are related to the execution of the experiment, the analysis of the collected metrics, the validation of the generated KPIs, and finally the generation of the final reports provided to the experimenters for the use case data analysis. ...

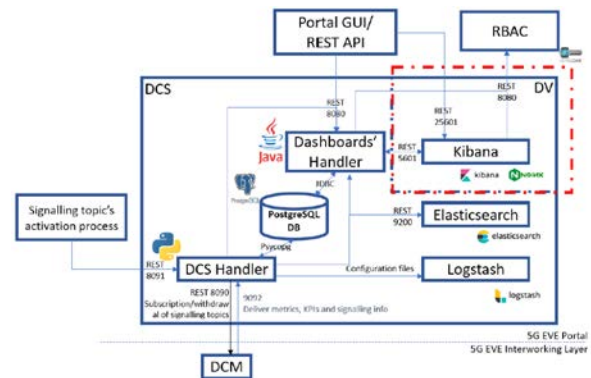
[Read more](#)

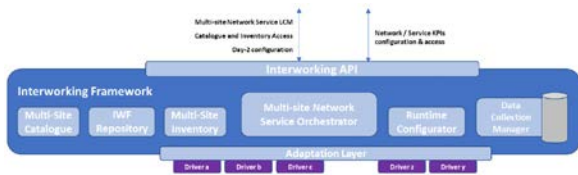
Final version of the experimentation portal - 5G EVE Deliverable D4.6

Deliverable D4.6 presents the final version of the 5G EVE experimental portal. It describes all services originally included in the 5G EVE project proposal, and some services requested during the project lifetime by other work packages in 5G EVE as well as other European projects like the 5G-SOLUTIONS, which will use the 5G EVE platform. This deliverable is useful for ...

[Read more](#)

Final implementation of the interworking reference model - 5G EVE Deliverable D3.5





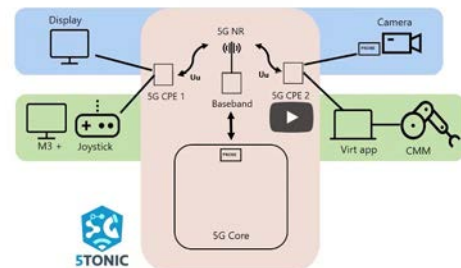
Deliverable D3.5 describes the implementation and testing of the Interworking Layer (IWL). It contains the description of all IWL components, including design and features reported previously in D3.4 and the new features developed in the last part of the 5G EVE project. In this way, D3.5 offers a fully detailed description of the Interworking Layer. Download link: <https://doi.org/10.5281/zenodo.4964933>

[Read more](#)

Remote operation use case by 5Growth running on 5G EVE platform

5G EVE is supporting a vertical industry use case by 5G PPP project 5Growth (5G-enabled Growth in Vertical Industries). The 5Growth use case on remote operation of quality equipment, which is led by Innovalia, has been successfully implemented on the 5G EVE platform and is currently being validated through experimental trials. Remote operation of quality equipment The 5Growth use case ...

Experiment setup



5G GROWTH

[Read more](#)

EVENTS JANUARY - JUNE 2021

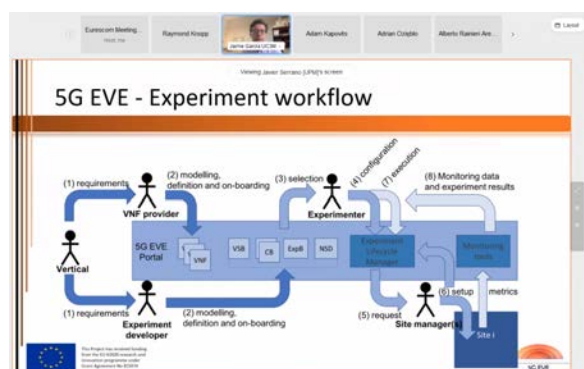
Successful 5G EVE participation at EuCNC and 6G Summit 2021

5G EVE participated in this year's fully virtual EuCNC & 6G Summit on 8-11 June 2021 mainly with a booth in the virtual exhibition. The virtual booth titled "5G EVE Validation-Platform and Multi-Site Use-Case Deployment" attracted around 120 visitors. The booth offered information via video and brochure as well as live access to a 5G EVE expert team consisting of ...



[Read more](#)

Major project results demonstrated at final 5G EVE webinar



In the final 5G EVE webinar on 26th May 2021, the project consortium presented the major achievements in the development and use of the 5G EVE validation platform to an audience of 60 participants. As a highlight, the 5G EVE team demonstrated live the multi-site capabilities of the platform. In addition, experts from the consortium presented new platform features like, ...

[Read more](#)

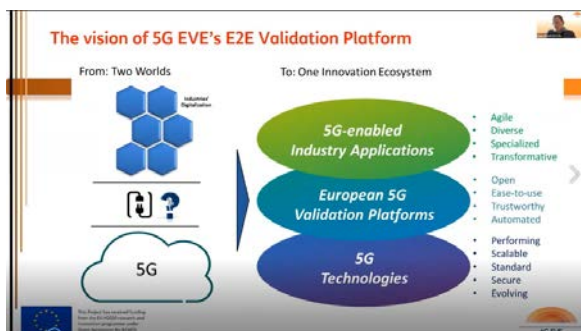
Productive meeting with the Municipality of Turin

On 5th May, partners from the Italian 5G EVE site met online with decision makers from the Municipality of Turin to present relevant project results and discuss further collaboration opportunities. The municipality was represented, among others, by the councillor in charge of mobility, Maria Lapietra, and delegates from the office of the councillor for innovation. The representatives from the municipality ...



[Read more](#)

Highlights from the 2nd 5G EVE Learn and Drive event



The 5G EVE consortium successfully organised the second Learn and Drive online event on 8th April 2021. The event hosted around 50 participants who discussed about challenges and opportunities related to the deployment of the 5G infrastructure. Following a first session dedicated to the presentation of the project, its technical features and related opportunities, the event opened a lively discussion ...

[Read more](#)

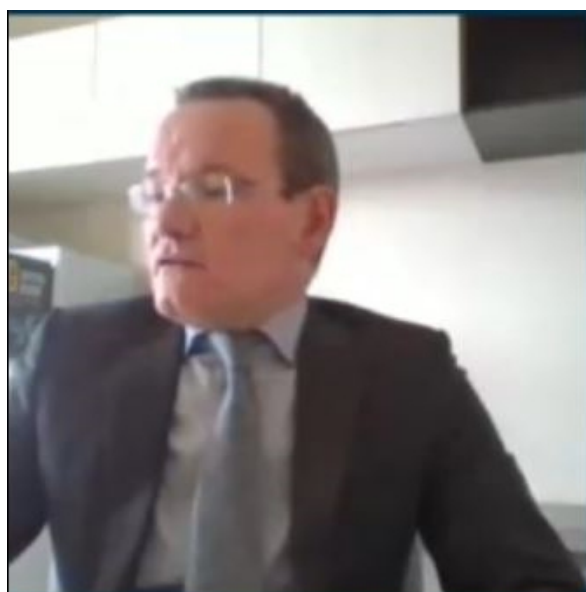
5G EVE Demo at Annual Orange Research Event

At this year's annual Orange research exhibition event called "Salon de la Recherche", 5G EVE was represented by the "5G Deployment Automation Service" demonstration. The 5G EVE demo, presented by Rodolphe Legouable from Orange, was one of the 30 innovative results - selected from more than 100 proposals - to be shown at the event. The 5G EVE project was ...



[Read more](#)

Keynote by 5G EVE coordinator at 5G Blitz Week



On the final day of the 5G Blitz Week - Spring Edition (22-25 March 2021), Mauro Boldi, 5G EVE coordinator from TIM, gave a keynote on the future evolution of wireless network technologies. He talked about trials performed via the 5G EVE platform, which have helped pave the way towards the introduction of a Beyond 5G/6G system in the coming ...

[Read more](#)

5G EVE Presentation at SDOs Brainstorming Workshop on Testbeds Federations for 5G and Beyond

5G EVE contributed to a workshop jointly organized by the standards developing organizations (SDOs) ITU, ETSI, and IEEE on 15-16 March 2021. On the first day of the 'ITU ETSI IEEE Joint SDOs Brainstorming Workshop on Testbeds Federations for 5G & Beyond: Interoperability, Standardization, Reference Model & APIs', Veronica Sanchez Vega from 5G EVE partner Ericsson presented a contribution by ...



[Read more](#)

Successful first 5G EVE Learn and Drive online event for SMEs



The 5G EVE consortium successfully held its first Learn and Drive online event on 26th January 2021. The event aimed to help SMEs and startups to better understand the 5G EVE validation platform. The participants were able to learn first-hand how to use the 5G EVE platform for developing and validating innovative 5G services and applications. At the event, the ...

[Read more](#)

About 5G EVE

5G EVE, the '5G European Validation platform for Extensive trials', is a European infrastructure research project within phase 3 of the 5G Infrastructure Public-Private Partnership (5G PPP). The project ambition is to be instrumental towards the pervasive roll-out of 5G end-to-end networks in Europe. 5G EVE started on 1st July 2018 and runs for 36 months. The 15.7 million euro project is coordinated by Telecom Italia.

Acknowledgment

The 5G EVE project is co-funded by the European Commission under the European

Union's Horizon 2020 programme – grant agreement number 815074. This publication solely reflects the views of the 5G EVE project consortium. The Commission is not responsible for the contents of this publication or any use made thereof.

[Unsubscribe](#) | [Manage your subscription](#)

© 2021 5G EVE Project Consortium. All rights reserved.

[Data Protection Declaration](#)

Editor and responsible according to German law: Milon Gupta, Eurescom GmbH, Wieblinger Weg 19/4, 69123 Heidelberg, Germany, e-mail: contact@5g-eve.eu