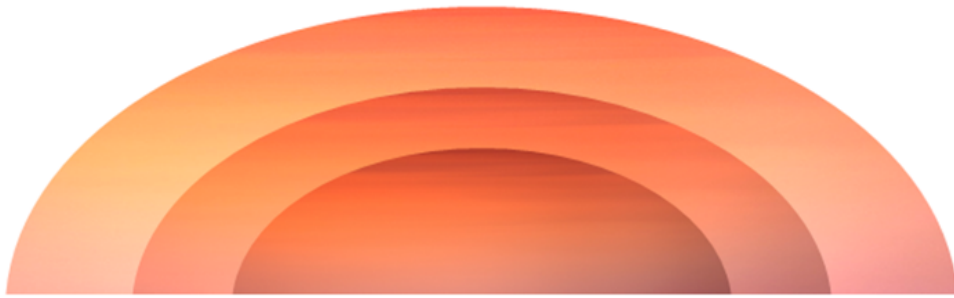Display problems? Open this email in your web browser.

5G EVE
5G Infrastructure News

Issue 5 - December 2020

Editorial

Dear reader,

The year 2020 has been quite special for 5G EVE in many ways, both negative and positive. Starting with the negative, the 5G EVE project and its consortium members had to deal with the ongoing COVID-19 crisis and the more or less strict lockdown conditions in the different countries. That meant getting the technical work done without in-person meetings on consortium and work package level. It also meant, disseminating the results online instead of doing it at in-person conferences and workshops. The positive aspect has been that despite all of these constraints, the project consortium has managed to produce excellent results in line with the work plan and to disseminate them at webinars which attracted considerable numbers of participants. In this fifth edition of 5G Infrastructure News, we will share some of the highlights, which the consortium achieved in the second half of 2020.

In the Results section, we present a major achievement at the Spanish 5G EVE site facility as well as summaries of our latest public deliverables, which are published on our website. In the Results section we also share news on our standardisation-related work at ETSI and on a new 5G PPP brochure, which features a 5G EVE contribution on the experiential tourism use case. In the Events section, we present a number of online

events, which we either organized ourselves or in which we participated as presenter. Finally, we give an outlook on two upcoming events in spring 2021. Please be also aware of our two ongoing calls (details below), which are closing soon – one call for papers and one call for experimentation specifically targeted towards SMEs.

If you would like to stay up-to-date with our activities and results, we recommend to follow us on Twitter, where we regularly post under @5G_EVE
We hope you find the information in our newsletter interesting and valuable, and we look forward to any questions or comments you may have.
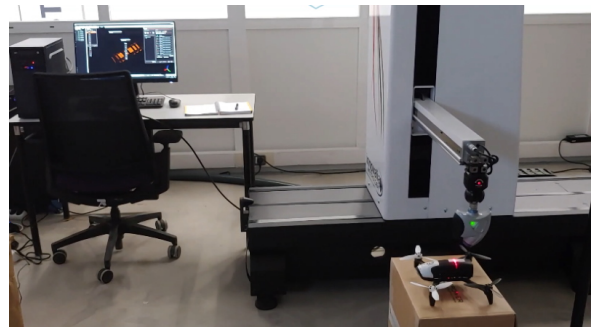
Kind regards,

The 5G EVE Team

RESULTS

The Spanish 5G EVE site facility of 5TONIC goes standalone with Ericsson

In December, the 5G standalone (SA) solution by Ericsson has been activated. It is now in use at 5TONIC, the Spanish site facility in Madrid supporting the 5G EVE project. This major achievement means that 5TONIC already has the capability to run 5G independent of the existing 4G infrastructure that is also deployed at the lab. The activation of the …

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Six Technical 5G EVE Deliverables Published

At the end of June 2020, 5G EVE finalised six deliverables which are documenting the technical progress of the 5G EVE platform and its capabilities: D2.4 Initial pilot test and validation Deliverable D2.4 is the initial report about the first functional tests and 5G end to end facility validation. It provides the overall situation of the E2E facility implementation status …

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5G EVE promotes new ETSI standards work items on validation of vertical apps for 5G and beyond networks

At the 46th plenary meeting of the ETSI Technical Committee (TC) on Core Network and Interoperability Testing (INT) on 2nd July 2020, the 5G EVE representatives successfully proposed to create two new Work Items. The 5G EVE proposal raised considerable interest and was approved. A substantial group of ETSI members – including 5G EVE partners Telecom Italia, Telefónica I+D, Orange …

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2nd 5G PPP Trials and Pilots Brochure includes 5G EVE contribution on Experiential Tourism

The recently published 2nd 5G PPP Infrastructure Trials and Pilots Brochure includes a contribution by 5G EVE on "Experiential tourism through 360° video and VR over 5G". The 5G EVE contribution describes the smart tourism trial performed via the 5G EVE Validation Platform and the Spanish 5G EVE site facility at 5TONIC. The trial involved streaming of a 360-degree live …

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OPEN CALLS

[Call for Papers: 5G IoT Trials Workshop / ICIN 2021](#)- Deadline: **21 December 2020**

[5G EVE Call for Experimentation](#) - Deadline: **31 December 2020**

EVENTS JULY-DECEMBER 2020

Joint 5G EVE – 5G-TOURS Demo Webinar

The purpose of the joint 5G EVE – 5G-TOURS Demo Webinar on 3rd December 2020 was to explain and demonstrate how 5G EVE and 5G-TOURS as vertical use case project using the 5G EVE platform are collaborating. The webinar addressed the challenges and achievements, and what other use case projects and SMEs can learn from the experiences gained. In the …

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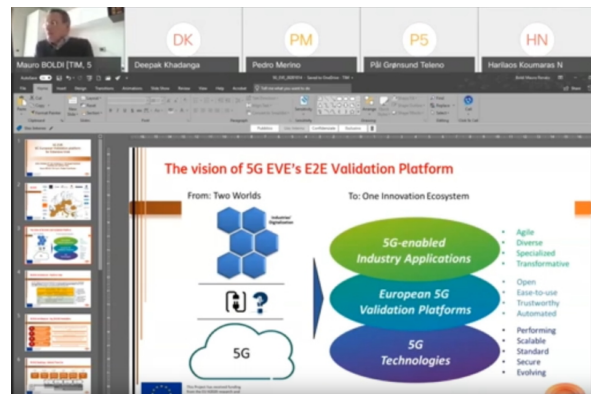
Italian 5G EVE Site Webinar

In the Italian 5G EVE Site Webinar on 18 November 2020, the Italian 5G EVE partners demonstrated three vertical use cases deployed in Turin: Smart Transport, Smart City, and Smart Tourism. Further information is available on the Italian 5G EVE Site Webinar page
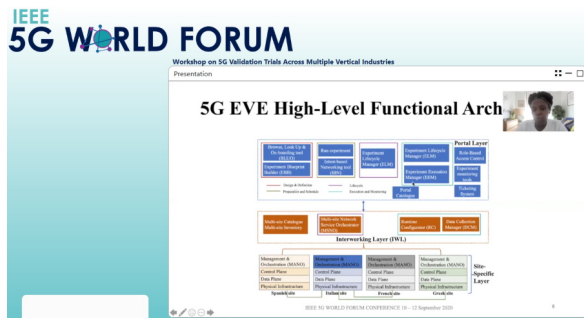
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5G EVE at Online Workshop on 5G Trials in Europe

On 14 October, 5G EVE coordinator Mauro Boldi from TIM presented the 5G EVE project at an online workshop on "5G Experimentation Facilities and Vertical Trials: Current Status and Future Perspectives". The workshop attracted almost 100 participants. It was organised by the Institute of Informatics & Telecommunications of the Greek National Centre of Scientific Research "Demokritos" in the framework of …

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5G EVE Paper Presented in Validation Trials Workshop at 5G World Forum 2020

5G EVE contributed a paper to the workshop on "5G Validation Trials across Multiple Vertical Industries" (WS2) at the virtual IEEE 5G World Forum 2020. The online workshop on 11th September aimed at providing a forum for industry and academia to disseminate new results on 5G trials in vertical industries as well as share knowledge on related new 5G business …

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French 5G EVE Demo Webinar

In the French 5G EVE site demo webinar on 9th July 2020, 5G EVE demonstrated the automated end-to-end 360-degree video use-case deployment in the French facility and its experiment. Topics presented at the demo webinar include: General 5G EVE French architecture overview Video service portal experiment definition Network infrastructure availability Video 360° service & infrastructure deployment: ONAP and automated VNFs …

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Greek 5G EVE Demo Webinar

The 1.5-hour video of the Greek 5G EVE Demo Webinar on 7th July 2020 presents 5G EVE's Greek site and demonstrates the vertical use cases deployed in the Greek site. It also presents and demonstrates innovative functionalities supported by the 5G EVE framework including the intent-based portal, orchestration and performance diagnosis.

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UPCOMING EVENTS

5G IoT Trials Workshop at ICIN 2021

Validation Trials for 5G-based IoT Solutions Workshop - ICIN 2021 Call for Papers Submission Deadline: 21st December 2021 5G rollout has started in many parts of the world and is imminent in others. At the same time, IoT services and applications in vertical areas like industry 4.0, smart grids, eHealth and smart cities which utilize the full capabilities of 5G …

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1st 5G EVE Learn and Drive

A unique chance for SMEs and startups to boost 5G applications Overview The 5G EVE Learn and Drive represents a valuable opportunity for SMEs and startups to get to know 5G EVE and to understand how to profit from testing and training opportunities as well as leverage 5G EVE's physical resources and technical materials. The two-hour Learn and Drive event …

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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

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