

DISTRIBUTED MANAGEMENT OF NETWORK SLICES IN BEYOND 5G



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CONSORTIUM



Project Coordinator



France



Poland



Engineered for Excellence
Driven by Passion for Innovation



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@monb5g



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www.monb5g.eu

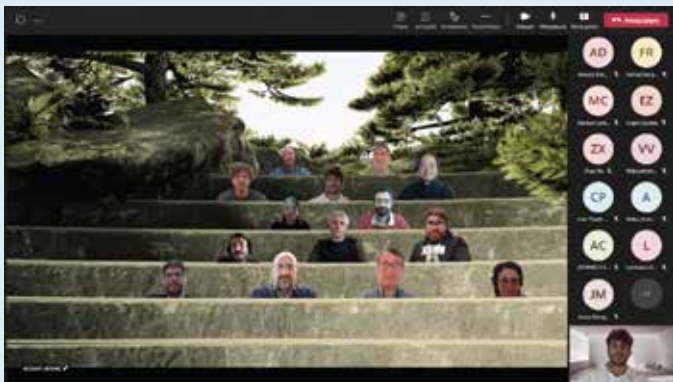
PROGRESS UPDATES

The last period marked significant progress in the project, as it concluded the design phases and started the implementation phase. This current period is focused on implementation and deployment of the various components of the MonB5G solution, and preparations for integration towards the pilot use cases.

Additionally, this last period also included several public deliverables releases, conference participations and other public engagement events that shall be outlined below.



MEETINGS



19-20 April 2022

MONB5G 7TH PLENARY MEETING HELD 19-20 APRIL 2022

On 19-20 April 2022, MonB5G consortium held the 7th plenary meeting of the research and innovation action funded under the European Union’s Horizon2020 programme.

The 2-day meeting was hosted by the project coordinator, Dr. Engin Zeydan of the Telecommunications Technological Centre of Catalonia’s (CTTC) Communication Networks Division, to review the project’s progress by work package leaders, and outline the roadmap to the upcoming project phases.

All 12 partners joined remotely via teleconference.

22-23 September 2022

MONB5G 8TH PLENARY MEETING HELD 22-23 SEPTEMBER 2022

On 22-23 September 2022, MonB5G consortium held the 8th plenary meeting of the research and innovation action funded under the European Union’s Horizon2020 programme.

The 2-day meeting was hosted at the Telecommunications Technological Centre of Catalonia’s (CTTC) premises in Barcelona by the project coordinator, Dr. Engin Zeydan of the Communication Networks Division, to review the project’s progress by work package leaders, and outline the roadmap to the upcoming project phases.

This past period included a lot of progress in technical implementation, with the big milestone ahead of solution integration and then testing.

All 12 partners joined face to face and remotely via teleconference.



NEWS & EVENTS

MONB5G BOOTH AT EUCNC & 6G SUMMIT 2022

7-10 June 2022



Engin, Luis, Bahador and Sabra at the EUCNC booth.



Adlen, Engin and Sabra at the EUCNC booth



Bahador, Engin and Sabra at the EUCNC booth

The MonB5G Project Coordinator Dr Engin Zeydan, Dr Luis Blanco and Dr Bahador Bakshi from CTTC as well as the Project's Technical Manager Prof. Adlen Ksentini and Miss Sabra Ben Saad from EUR presented the project at a booth at EUCNC 2022, 7-10 June 2022.

MONB5G SECOND VIDEO PUBLISHED!

The second MonB5G video presents an interview of the Project Coordinator Dr. Engin Zeydan from CTTC who gives an overview of the project's innovations in 5G and beyond management and delivery. The video highlights the two use cases in CTTC and EURECOM platforms as well as the MonB5G architecture which provides management and orchestration scalability by distribution of management functions and explicit separation of runtime management of network slices'.

The video can be found in the project's YouTube Channel: <https://youtu.be/MbOVirzqZig>

MONB5G SUCCESSFULLY PARTICIPATED IN HORIZON RESULTS BOOSTER – MODULE C

Three partners from the MonB5G consortium participated in the Horizon Results Booster – Module C service and workshop "Assisting projects to improve their existing exploitation strategy", namely CITRIX, OTE and EBOS.

The aim of this service was to strengthen the capacity of projects in using their research results enhancing partners' capacity to improve their exploitation strategy.

Project activities and the research work done were considered in terms of Key Exploitable Results (KERs). KERs are results which have commercial and/or societal significance. The results selected for the discussion during the service were analysed from a viewpoint which is exploitation only and considering how they will be used to generate, after the end of the project, impact. This is the market/customer demand or societal needs/user point of view.

The service and the virtual Exploitation Strategy Seminar (ESS) provided the participants with the opportunity to work on:

- 1) the identification/grouping of key exploitable results;
- 2) the first definition of the related use mode;
- 3) the identification and mapping of risks related to the exploitation;
- 4) follow-up actions.

The ESS for MonB5G was conducted remotely, online.

MONB5G AT THE 13TH INTERNATIONAL CONFERENCE ON NETWORK OF THE FUTURE (NOF 2022)

5 October 2022



CTTC presented a tutorial at the NoF2022 conference, with title: Recent Advances in Data Engineering for Networking

Speakers: Engin Zeydan & Josep Mangués-Bafalluy (CTTC, Spain)

Chair: Jeroen Famaey (University of Antwerp, Belgium)

For more info visit: <https://nof2022.dnac.org/program/>

POC 7 ZERO-TOUCH CLOSED-CONTROL SECURITY MANAGEMENT OF ATTACKS DETECTION AND MITIGATION

Our partners from ETSI created the PoC#7 page in the ZSM Wiki where it discusses the demonstration of closed loop automation for mitigating against DDoS attacks from MTC devices on 5G Core Network components.

For more info visit: shorturl.at/crcNO

ITU-T FOCUS GROUP ON AUTONOMOUS NETWORKS (FG-AN)

13 October 2022

CTTC presented in ITU-T Focus Group on Autonomous Networks (FG-AN) the following presentation: Cloud-Native driven Stochastic Policy for Scalable Analytics Engine.



EC INNOVATION RADAR ANNOUNCES MONB5G

The European Commission's innovation radar has announced the AI-Based Distributed Architecture for Automatic Management and Orchestration of Massive Network Slicing in Beyond 5G innovation!

For more info visit: <https://www.innoradar.eu/innovation/41978>

CTTC/MONB5G BOOTH IN SMART CITY EXPO

15-17 November 2022

We were honored to receive a visit of Catalan president at CTTC/MonB5G booth in Smart City Expo.



MONB5G IN INFOCOM WORLD 2022 ATHENS

29-30 November 2022

At the 24th InfoCom World Conference at session 8 of the Workshop on European Research Orientation “Research Projects for Creating the Future and Innovative Telecoms Market,” you may learn more about the MonB5G project. More information about the event can be found on the website.

DELIVERABLES

Below are the latest publicly available deliverables with links to download.

For a list of all public deliverables please visit: <https://www.monb5g.eu/deliverables/>

Deliverable	Author
D3.2 Final Report on AI-driven Techniques for the MonB5G AE/MS	NEC
D4.2 Final Report on AI-driven Techniques for the MonB5G Decision Engine	ORA-FR
D5.2 Final report on AI-driven security techniques	EUR
D5.3 Final report on AI-driven MonB5G energy efficiency techniques	CTTC
D3.3 Final Report on Platform Integration for the MonB5G AE/MS	LMI

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