

DISTRIBUTED MANAGEMENT OF NETWORK SLICES IN BEYOND 5G



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CONSORTIUM



Project Coordinator



France



Poland



Your RegTech & FinTech Partner



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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

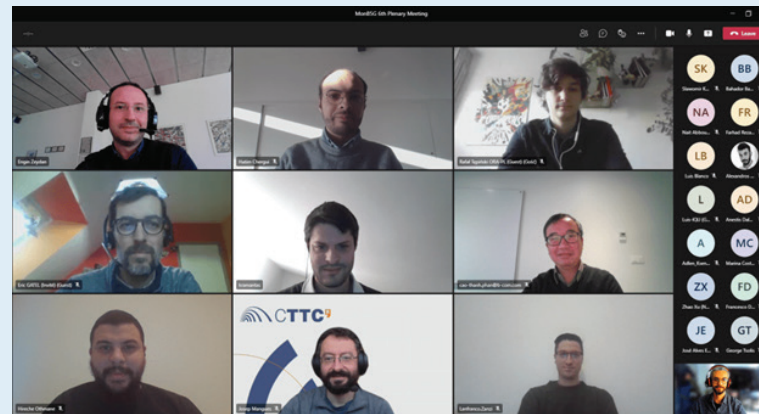
On 2-3 December 2021, MonB5G consortium held the sixth plenary meeting of the research and innovation action funded under the European Union’s Horizon2020 programme.

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.

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 remotely via teleconference.

MonB5G 6th Plenary Meeting 2-3 Dec 2021



NEWS & EVENTS



MonB5G presented at InfoCom World Conference 2021

On Friday 26th November 2021, MonB5G joined the InfoCom World 2021 Conference “Recharging Greece: Revolution for the Evolution” in Athens Greece.

On behalf of MonB5G, Dr. Ioannis Chochliouros of partner OTE organized and coordinated the scientific session “5G Innovations towards Long Term Evolution”.

Within this section, representing MonB5G: Dr. Chochliouros presented (in Greek language) “MonB5G: Proposing an Innovative Architecture Able to Support Scalable and Autonomic Network Slice Management in B5G” (click to download), while Mrs. Vasiliki Vlahodimitropoulou presented “Distributed Orchestration and Management with AI-Driven Techniques for the MonB5G MS/AE/DE”. (Click to download)

More about the session: <https://infocomworld.gr/en/day-3-en/>



MonB5G at IEEE Globecom 2021

MonB5G co-organized and supported the “Workshop on Artificial Intelligence for Sustainable B5G/6G Networks (ASNET)” at the IEEE Globecom 2021 Conference on 7-11 December 2021. It focused on the new challenges regarding the sustainability of next-generation networks, and in particular how Artificial intelligence (AI) techniques such as deep, federated and reinforcement learning pave the way to achieve cost-efficient and green B5G/6G networks.

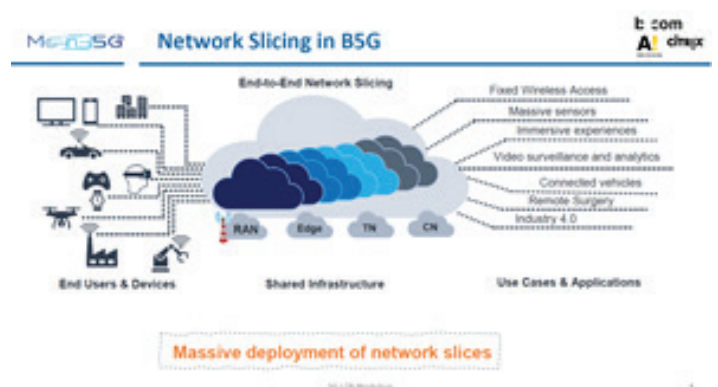
MonB5G Technical Manager Prof. Adlen Ksentini of Eurecom presented the keynote “Zero-touch Management and Orchestration of Network Slices in 5G and Beyond Networks.”

More about the conference: <https://globecom2021.ieee-globecom.org/workshop/ws-27-workshop-artificial-intelligence-sustainable-b5g6g-networks-asnet/program>



MonB5G at 5G-I Technology Board Workshop

MonB5G partners AALTO, BCOM and CITRIX join the 5G-I Technology Board Workshop virtually on 19th January 2022. The project partners presented MonB5G concept, and applications of network slicing security orchestration in Beyond 5G technologies.



DELIVERABLES

Bellow 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	Title	Author
D3.1	Initial Report on AI-Driven Techniques for the MonB5G AE/MS	NEC
D4.1	Initial Report on AI-Driven Techniques for the MonB5G Decision Engine	EUR
D5.1	Initial report on AI-driven MonB5G security and energy-efficiency techniques	EUR
D2.4	Final release of the MonB5G architecture	ORA-PL
D7.6	2nd Report on Dissemination, Standardization & Exploitation Plans	CTTC

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