

## **Press release: key findings from IDATE roundtable “5G Indoor digitalization.”**

On 28<sup>th</sup> February 2023, IDATE hosted its first roundtable discussing 5G indoor digitalization in Barcelona Porta Fira Hotel.

We are excited to gather regulators, world-class telecommunication operators, industry experts and leaders from mobile industry, who shared and discussed the latest practices and trends on how 5G indoor key challenges.

5G great capabilities, such as ultra-high speed, very low latency and possibility of network slicing, will be great assets for the development of consumers usages and industries use cases. 5G is expected to drive the mobile data growth over the next decade. While both 5G and global mobile data traffic will strongly increase, data traffic will continue to be generated indoor for more than 75%.

The challenges for 5G connectivity remain indoor because of technical and non-technical issues.

Indeed, some of 5G frequencies are higher but also have a poorer penetration, which is made worse by the standards of new buildings and renovation and by the topography of some busy areas.

Also, the complex approval process to deploy 5G in Europe from a regulatory point of view are barriers to a favourable 5G indoor development.

Leverage could be used to address these challenges, such as the allocation of EU subsidies to 5G indoor, regulations to reduce the operators ‘burden and measures to accelerate the approval process to allow the efficient development of 5G indoor.

Here are some key-learning points from our speakers:

Mr Kostantinos Masselos reminded the key objectives set by the European Union and the role that 5G can play on our continent. The need for a good 5G indoor coverage is clear.

Mr Jean-Luc Lemmens from IDATE explained how most of mobile data would be consumed indoor in the coming years. The challenges of good indoor coverage may inhibit the positive economic impact of 5G.

Mr. Jeremy Blanchemain from HubOne insisted on the various models allowing a better 5G indoor coverage in business and industrial buildings. He explained why indoor 5G is mandatory in many industries.

Mr Sheldon Lau from HKT explained how they manage to deploy successfully 5G indoor equipment at their clients and create value.

Mr Eric Bao from Huawei explained how 5G indoor could be significantly improved. He also demonstrated how and why digital indoor systems were the ideal next step to build a fruitful eco system that would fully leverage the new services made possible thanks to 5G networks.

IDATE has also announced the publication of its last research paper on Indoor 5G Insights and trends. The report can be downloaded following this link: <https://en.idate.org/5g-indoor-trends-and-challenges-white-paper/>

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IDATE is one of Europe's foremost ICT experts, specializing in telecom, media and Internet markets, and in digital regional development.

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Today, we have more than **200 clients** – large international groups, international organizations, start-ups, local authorities, and senior advisors.

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