

Shaping a 6G future

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Beyond 5G Promotion Consortium Meeting

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Agenda

1. 6G Vision and Key Technology areas
2. Shaping a 6G future

Nokia 6G vision

...to liberate human potential



Six Key Technology Areas



Agenda

1. 6G Vision and Key Technology areas
2. Shaping a 6G future

We are leading the way to make 6G a reality

Ecosystem engagement



Creating the future through research collaborations

Partnering with CSPs and industry peers

North America

Distributed massive MIMO

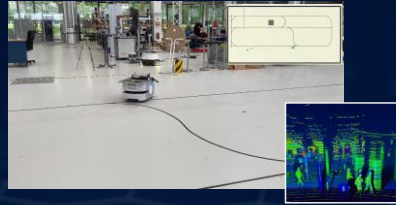


From DmMIMO to cell-free access <20 GHz



EU

Near-THz communication and sensing



Use of ubiquitous radio access points as RADAR sensors

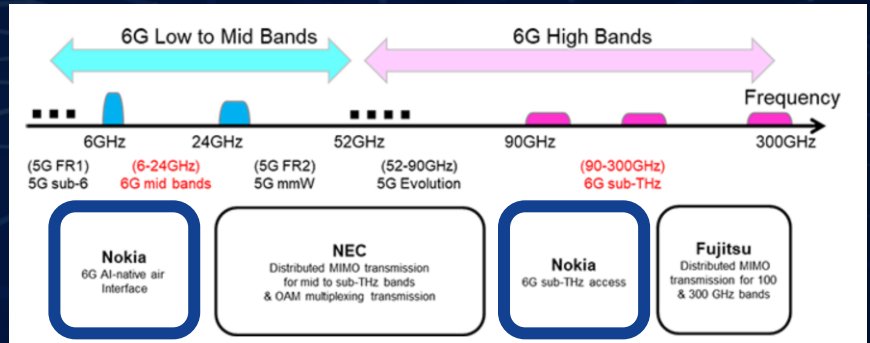


Japan

AI native air interface and THz access



Joint 6G collaboration agreement signed



Source: Docomo

Creating the future through research collaborations

Working with academia and research institutions

6G research



E.g., Nokia is an external advisor within NICT's B5G R&D Funded projects

Brooklyn 6G Summit

Communications Beyond 5G and into the 6G Era



A landmark industry event created by Nokia and the NYU WIRELESS research center to charter the technical future of the wireless industry.



Nokia is a member of 6G@UT, a funded collaboration between industry and University of Texas at Austin.

Nokia & Japan 6G Collaborative Research

- Nokia is leading multiple organizations in the B5G/6G Ecosystem globally
- Some Nokia-Japan collaborations already exist, both within private sector, and via engagements in publicly funded initiatives
- Nokia is open to investigate further opportunities for further cross regional (EU-Japan) collaboration
 - E.g., Nokia can help bridge links between EU region activities with initiatives in Japan
- Nokia is also open to investigate other possibilities with interested partners in Japan

NOKIA