



MÖKKI

by start north[^]

Lifestyle of a New Generation.

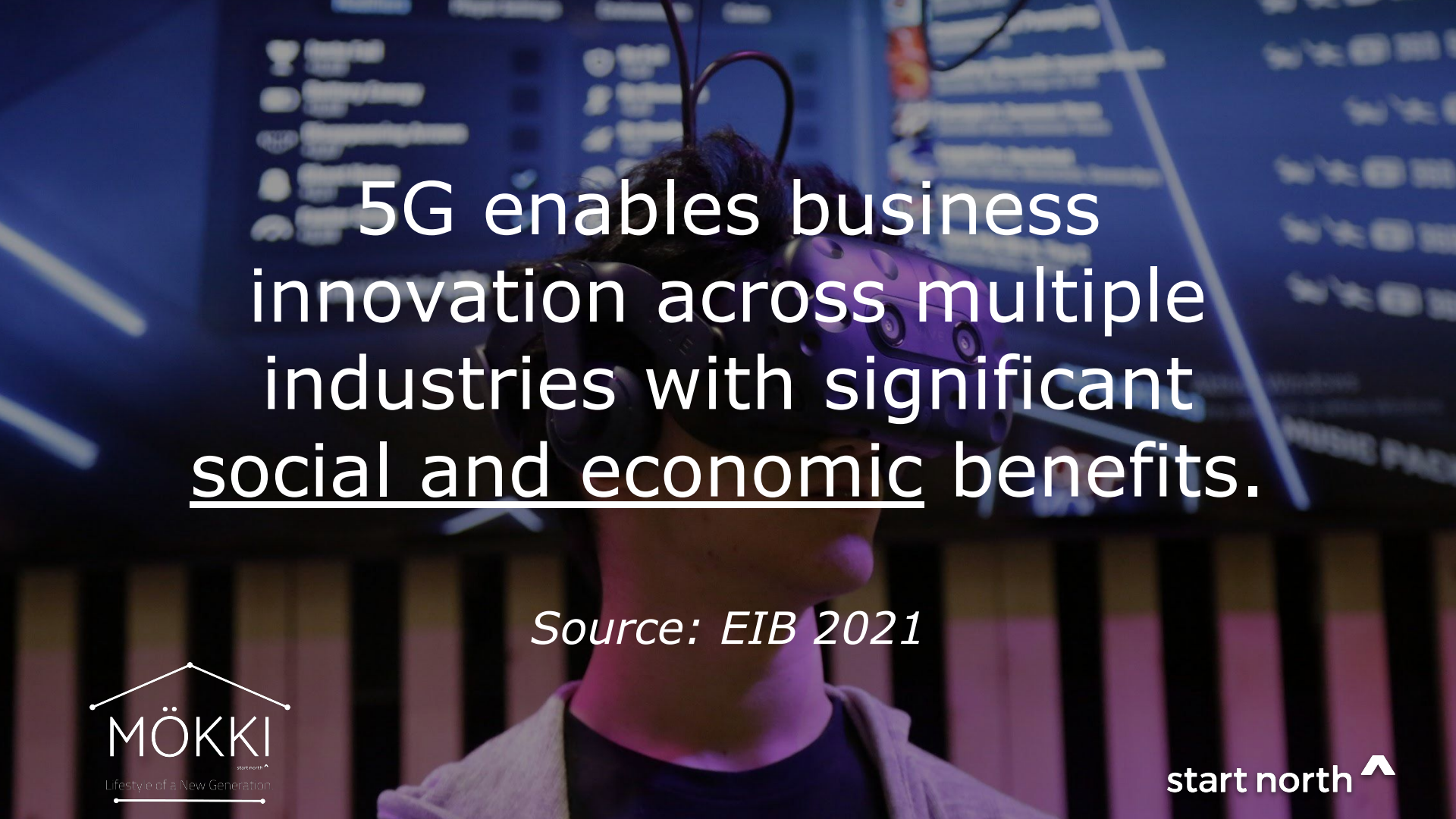
5G Mökki

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Back to the Mall 5.0, Aalto University, 2019.

A person wearing a VR headset is shown in profile, looking towards the right. The background is a dark, blue-toned environment with glowing lines and data-like patterns, suggesting a virtual or digital space. The text is overlaid on this background.

5G enables business
innovation across multiple
industries with significant
social and economic benefits.

Source: EIB 2021




As 5G technology becomes more widespread, it will also offer completely new opportunities for education to implement it. Education and learning are perhaps more closely integrated with other services and people's lives.



Need

- 5G technology is a new technology with global interest, which enables entirely new types of services, applications and user experiences. It is part of a megatrend in which work, services and learning is carried out/managed/achieved remotely. The covid pandemic has further accelerated the transition to fifth-generation network technology.
- 5G technology has been proven to improve, for example, the productivity of a production plant by 30 percent.
- Many educational institutes and companies are interested in initiating 5G technology pilots and learning, as well as the utilisation of the technology in their services and operations, but the threshold seems too high and susceptible to risk.



The technology industries in Finland will need 130 000 new professionals in 10 years.

Technology studies were the least applied field of studies overall per study place in Finnish universities.

*Source: Technology Industries of Finland,
Finnish National Agency for Education 2021*

Solution



Innovativity

Societal impact

Future-centric

Global mindset

Accessibility

MÖKKI

Solution-oriented

Flexibility

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Effectiveness

Responsibility

Enthusiasm

- network
- NOKIA
- VIVE
- Telia
- EY
- VTT
- A2
- 123

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2019

- **27.5.-7.6.** 5G Hack the Mall 2019 summer course in cooperation with Aalto University
- **14.10.-26.10.** A market research trip to Los Angeles and San Francisco, USA
- **6.11.** Global launch event of 5G Mökki at Nokia HQ, Espoo
- **11.11.2019-22.11.2020** 5G Mökki Road Tour, visiting shopping centers around Finland and collecting data from customers/visitors

2020

- **1.6.-12.6.** Hack the Mall 2020 and 5G Mökki as an livestream studio

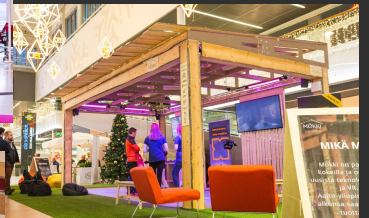
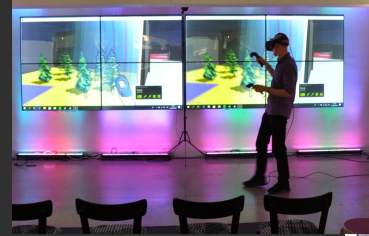
2021

- **19.11.** 5G Mökki as a part of LUTES's new co-working space Parvi by LUTES
- **1.-2.12.** We hosted Slush Side Event: How 5G/6G technology

2022

- will change our lives in post covid technology and market conditions

Timeline of 5G Mökki





What is 5G Mökki?

- 5G Mökki is a visible and physical part of Mökki network and it can be used as a streaming studio or event space
- Mökki provides an environment to test and pilot 5G, VR etc. projects and applications
- Mökki allows the quick and easy implementation of e.g. identical piloting and learning/research/application environments at several locations of the Mökki network
- The structure enables an environment, necessary for any given need and premises, to be created in an impressive and compact manner
- Everyday usage of 5G Mökki is hosted by local students because it's the best possible way to learn not only about 5G but also important skills needed in the future

Benefits

- The 5G Mökki helps universities, companies and other organizations to be at the forefront of development for the new digital products and services using 5G technology.
- Companies and other organizations gain a competitive advantage and enhance their productivity through the latest technology. This, in turn, encourages the employment of new experts and successful career and entrepreneurship paths.
- The main idea of Mökki network is to connect like minded students from all around the world and give them the access to learn 5G



Operations of Mökki

- The World's leading 5G training and application network Start North community (consisting of the universities, companies and other organizations involved in the activities) is responsible for the operations of Mökki.
- The aim of the community is to accelerate the learning and application of 5G technology by producing interdisciplinary (educational institutes, companies, regions) events, programmes and methods by means of cooperation.
- The students design and implement practical projects by supplementing the operations of universities and companies.
- The community also maintains regular communications with the students within the scope of the operations.



5G Mökki in action at Nokia HQ Garage 2020.

Thank you!

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Market research and development for 5G Mökki, California, 2019.

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