We managed the METIS project, collaborating with universities and research institutes to address the challenges of 5G mobile and wireless communications. We initiated discussions among the top four mobile infrastructure vendors to ponder 4G's successor. Use cases delivered:

- We won an early 5G award: 2016–2017
- We proved several tech concepts, including:
  - Test peak rates of 15Gbps per user, and a latency below 3 milliseconds (with Telia)
  - 25Gbps downlink throughput (with NTT DOCOMO and Korea Telecom)
- 5G network tested at the Indianapolis Motor Speedway (with Verizon)
- Connected a smartphone prototype to a live 5G network (with Swisscom and Qualcomm)
- We performed the world's first federated end-to-end network slicing live demo, providing end-to-end network service between Korea and Germany (with SK Telecom and Deutsche Telekom)

Beyond

We will use 5G base on a platform for innovation. We will also continue to carry on with the biggest contribution to 5G standards – the LTE and 5G World Awards.

- 5G-LTE dual connectivity
- 5G data rates exceeding 5Gbps