
AMSTERDAM
Delivering a
5G Services Trial City

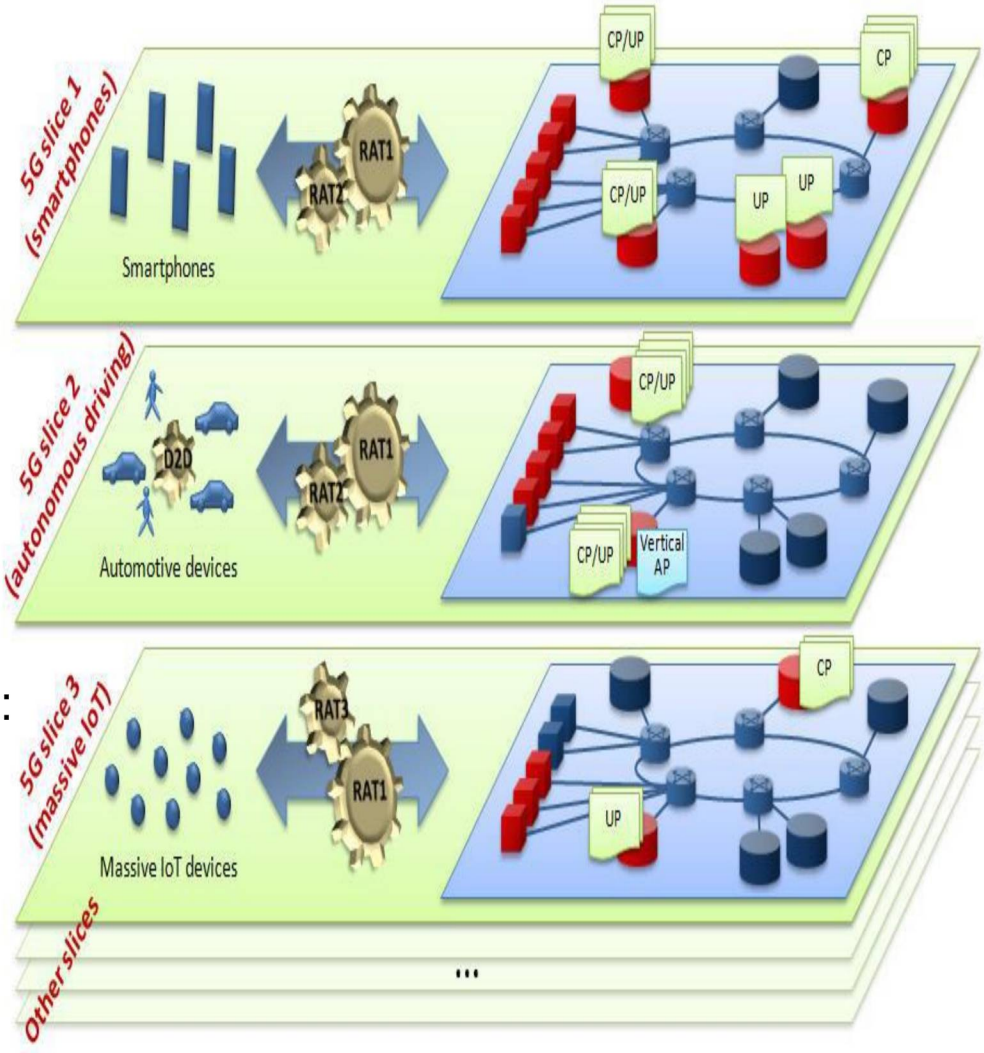

amsterdam
smart
city
The City is
changing


WiFi
Public lighting
Video surveillance
Access control
Traffic information
City Hall information
Parking meter
Parking
Traffic control

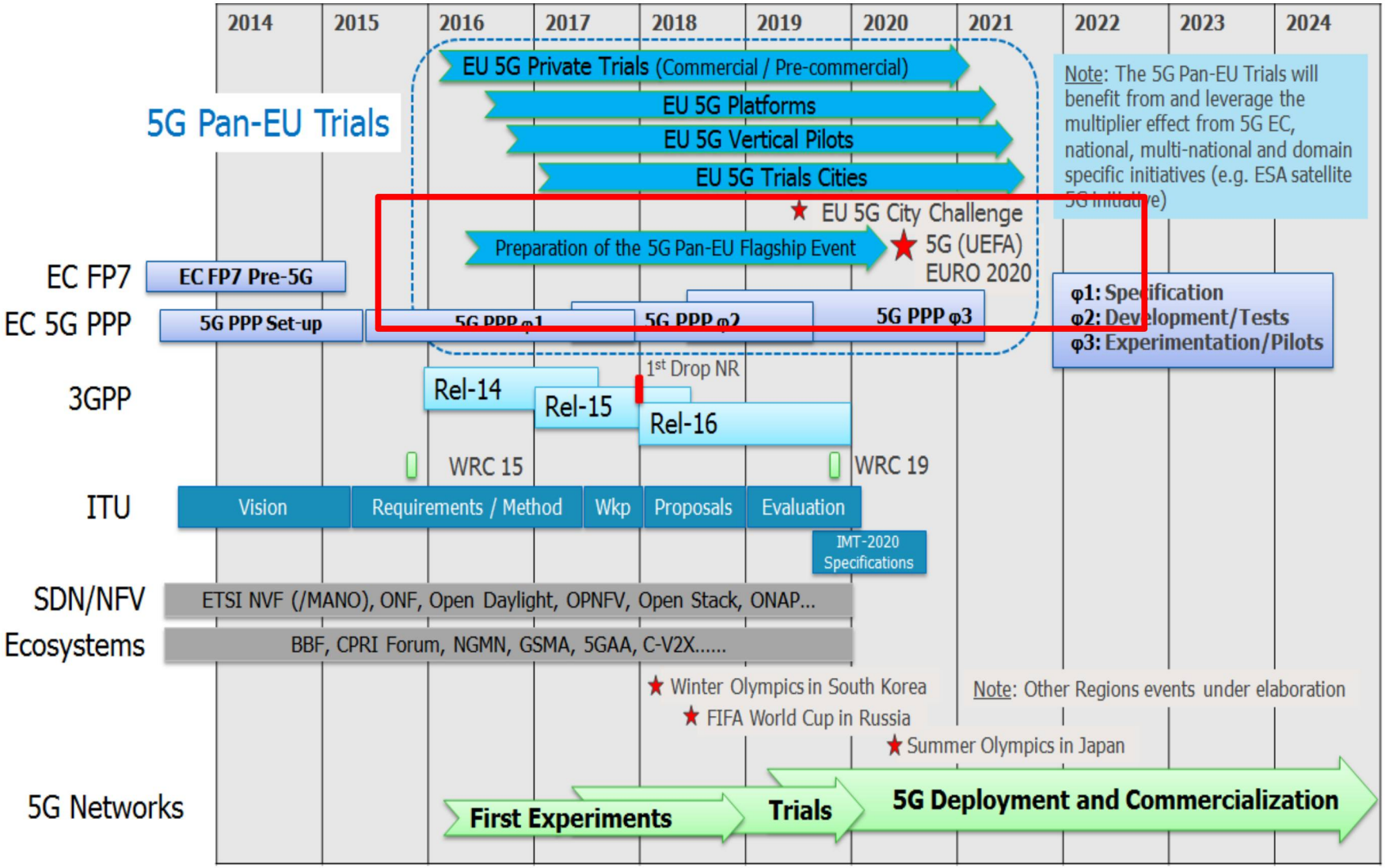

SLIJTERIJ
LIQUEUR CENTER
Sliiterij
酒

5G offers flexible , multipurpose network and,…

- Unified multi-purpose physical network which can be "sliced" to serve a variety of different use cases.
- Specific network instances optimised for specific customers, service scenarios and/or terminal types.
- Enables true fixed-mobile convergence: seamless experience within single domain for fixed & mobile.



5G PPP Trial Roadmap 3.0



Source: Pan-European Trials Roadmap – Roadmap Time Plan

EURO 2020 Trial

UEFA EURO 2020* – The Winning Europe

- Flag-ship event
- Launch commercial 5G in selected UEFA sites in European cities
- Showcase first 5G IoT applications



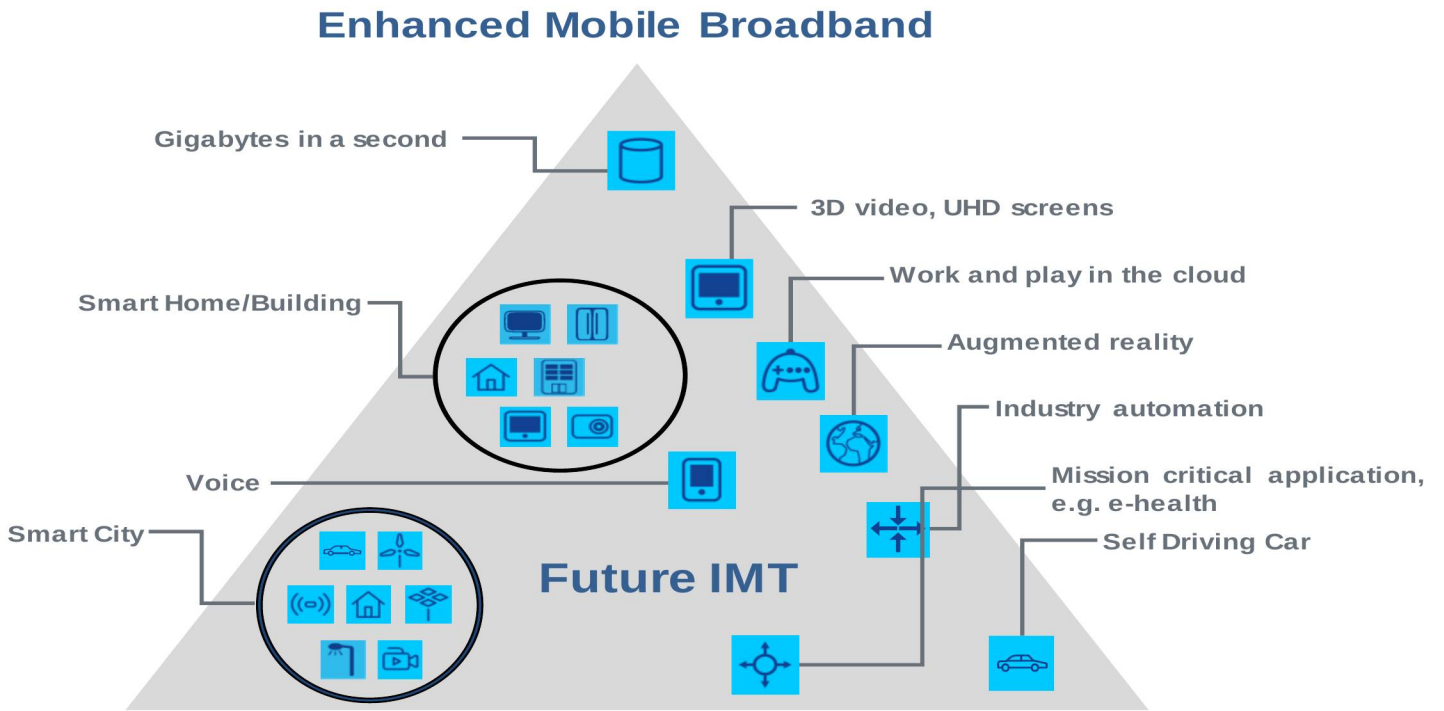
9 ©Nokia Networks 2015

*UEFA EURO 2020 will take place in 13 European countries for the first time

NOKIA

5G use cases Amsterdam

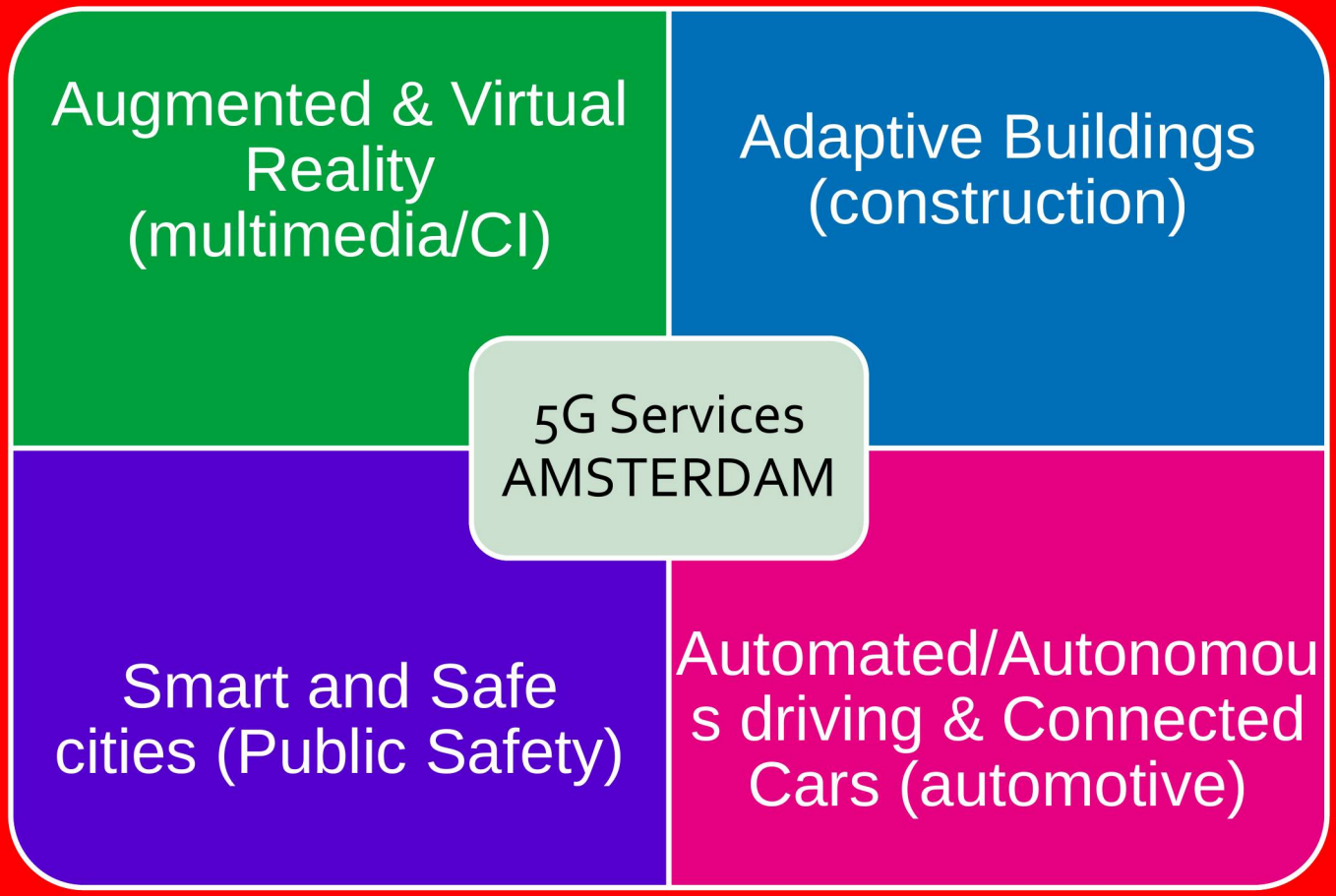
High bitrates



Million devices per km²

Mission critical

5G Services Amsterdam



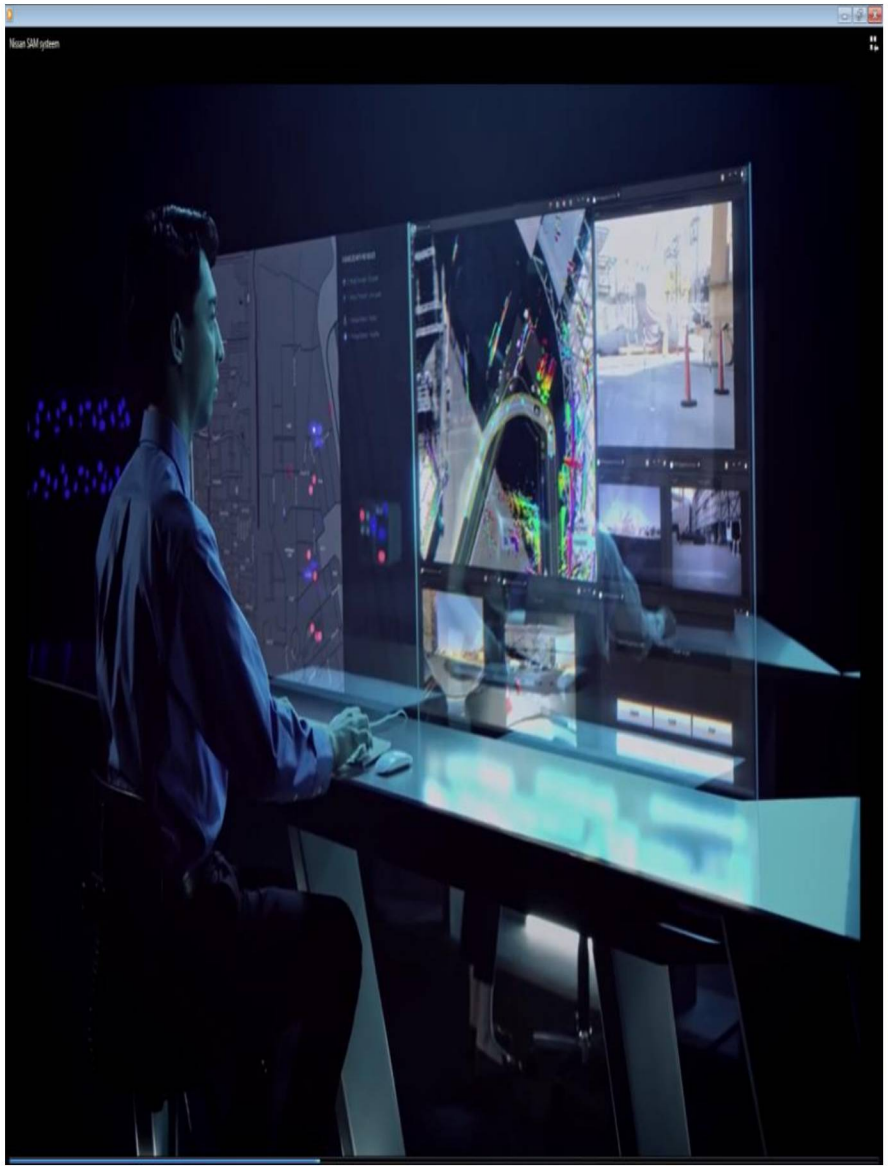
5G Trials Public Safety







5G Trials Automated Driving





5G Trials Fan Experience



First 5G Trial in Amsterdam 2018-2019

City of Amsterdam

kpn

Johan Cruijff ARENA

Crowd Management
Digital Safety Border







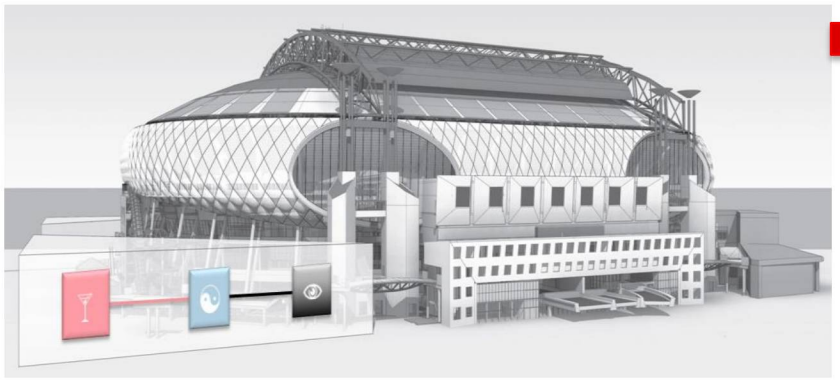
AMSTERDAM Sout-East





SAF-CORRIDOR: CONNECTS AND SCALES 5G TRIALS
(SCHIPHOL AIRPORT-AMSTERDAM ARENA-ALMERE FLORIADE)

- Covering the Metropolitan region Amsterdam
- Airport –Stadium-urban event location
- 2 compelling events: Euro2020 and Floriade 2022





AMSTERDAM ARENA PERIMETER: IDEAL LOCATION FOR TRIALS



09-02-2018

Thank you!