



Agentschap Telecom
Ministerie van Economische Zaken

What is the real game changer in 5G?

Taco Kluwer

12-10-2016



Founding Fathers 5Groningen



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vodafone



ERICSSON



economic board
groningen



HUAWEI



**rijksuniversiteit
groningen**

TNO innovation
for life

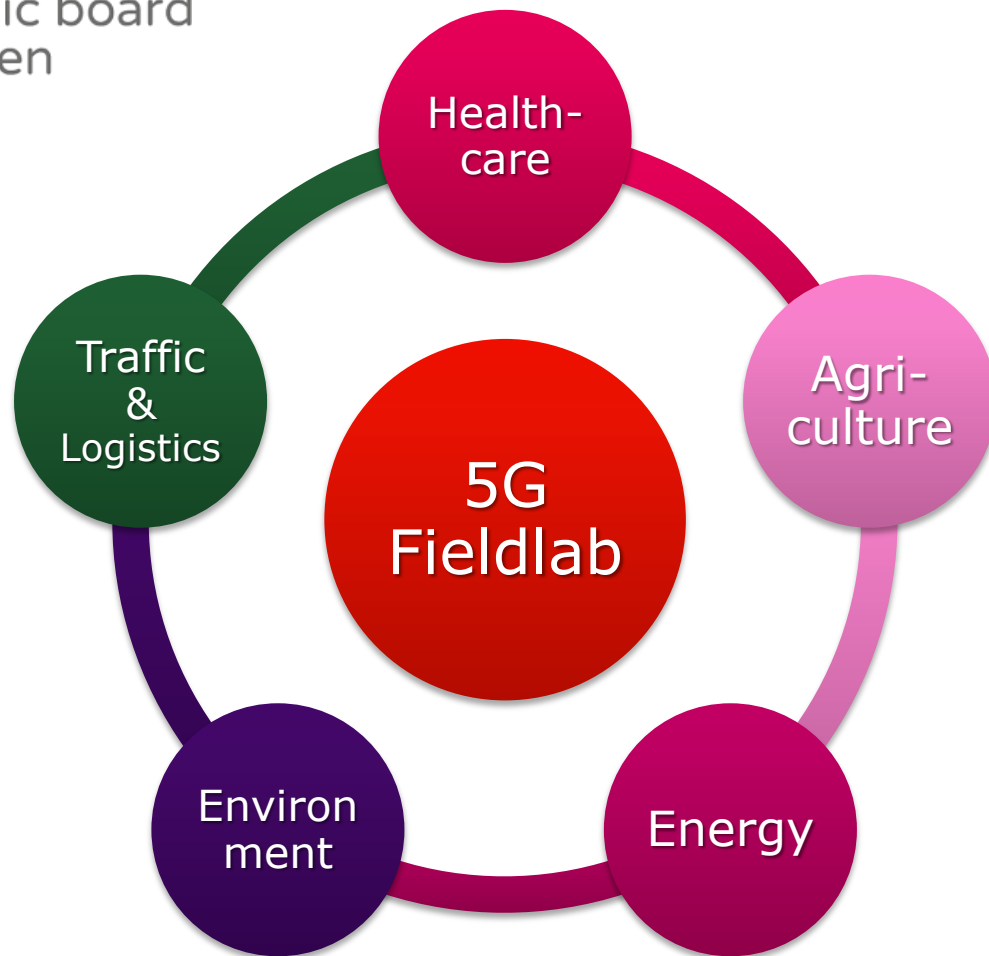


**Hanzehogeschool
Groningen**
University of Applied Sciences

More information: Peter Rake (EBG)



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Two examples agriculture

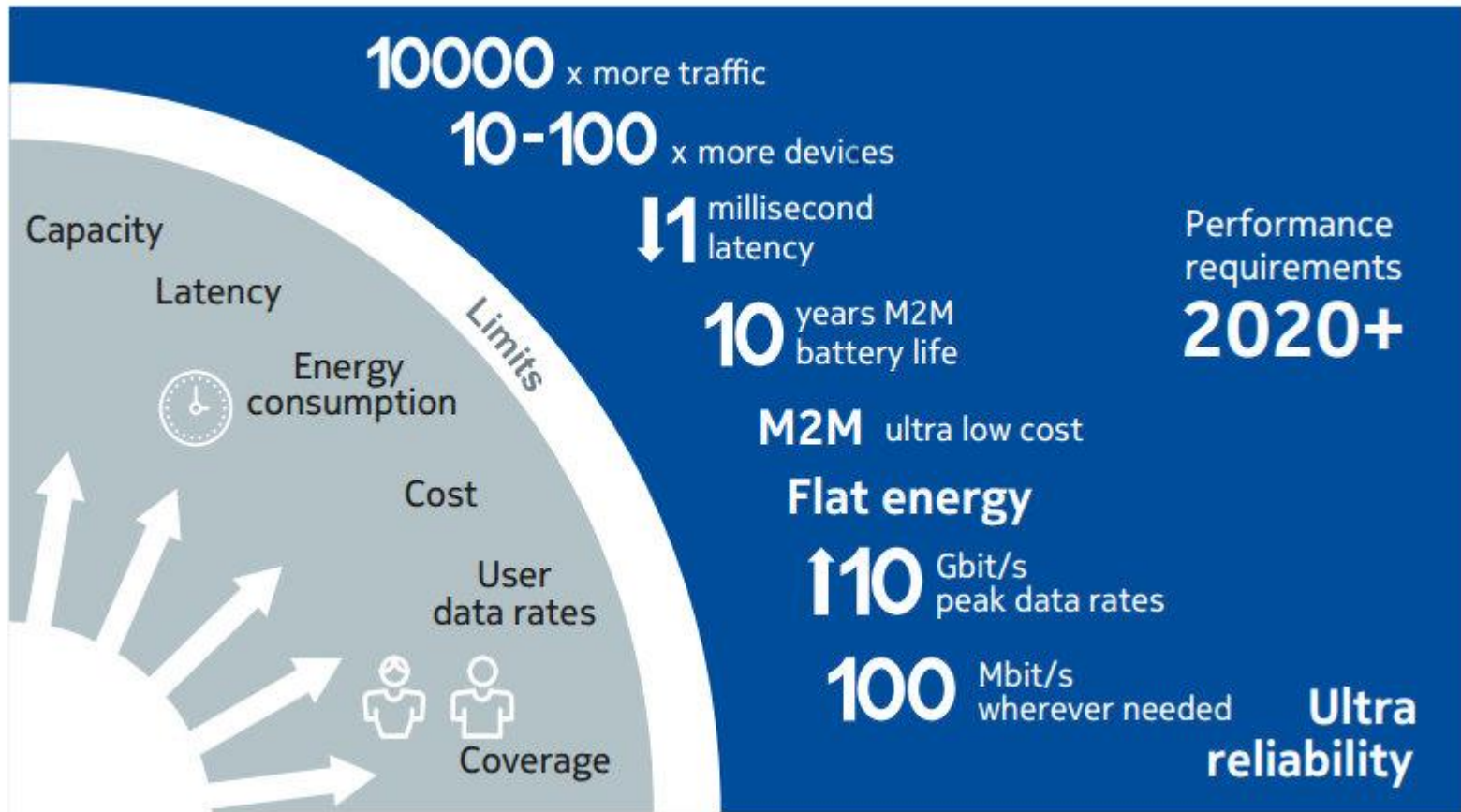
Crop Imaging



Smart Potato



Photos: Derk Gesink



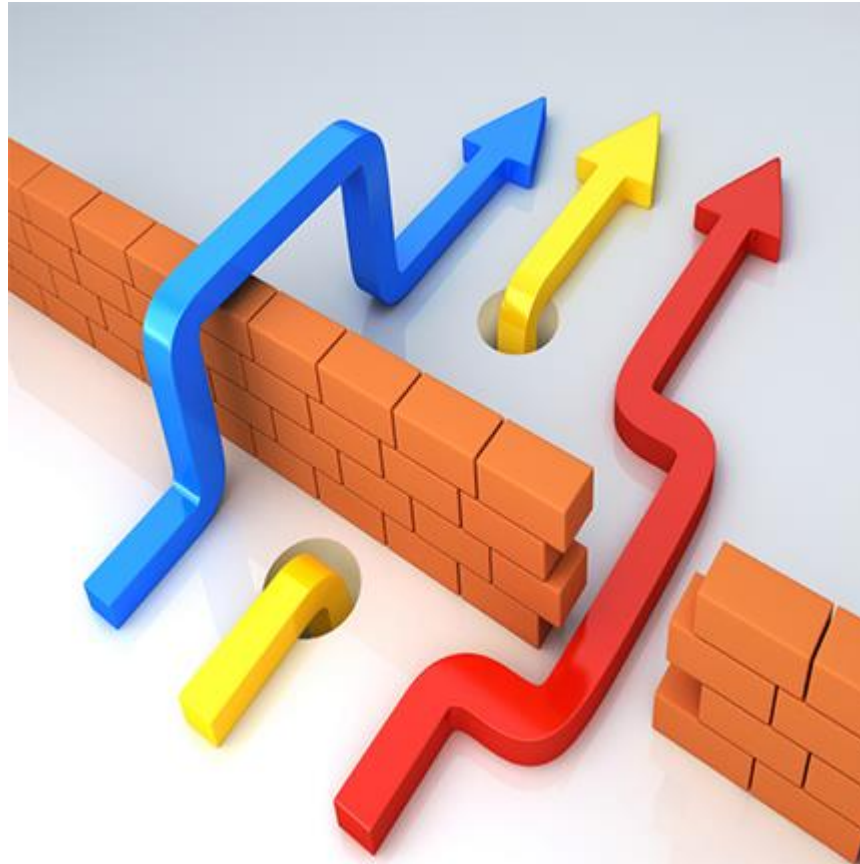


Ambition



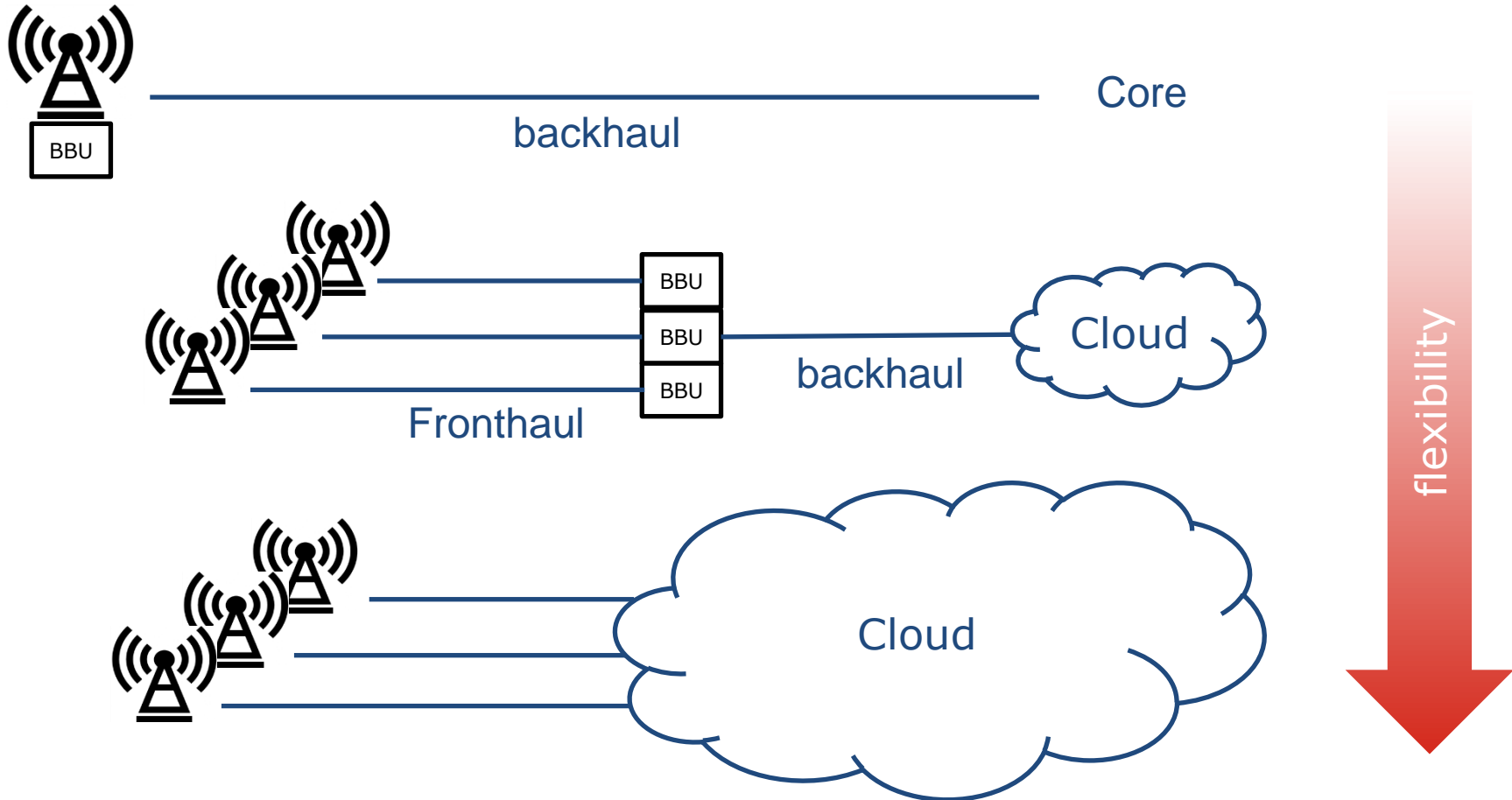


What do we need?





Game changer: RAN virtualization





5G Living Lab @ Zernike Campus



5G in the future?



- New ecosystem with new alliances driven by diverging needs
- Differentiation of network features and performance
- Major overhaul of fixed infrastructure (fibre and wireless)
- A step towards more dynamic frequency allocation