A NEW ASSOCIATION FOR PRIVATE NETWORKS IN EUROPE

CHRISTIAN REGNIER

Founder and Chairman of PRIVINNET

Co-founder & Chairman of EUWENA

Co-founder of AGURRE

27th January 2022

REMINDER OF NEW CHALLENGE

- New challenge of Enterprise Mobile Communications
  - Accessibility (in buildings, sheds, factories, but also outdoors, in car parks,)
  - Criticality of communications: coverage, reliability, reserved bandwidth, latency, QOS
  - Data criticality
  - Convergence of data, voice and video
  - New services (connected machines, vehicles, predictive maintenance),

  but also many other innovations such as AR, VR, autonomous vehicles and machines)

source: TCCA

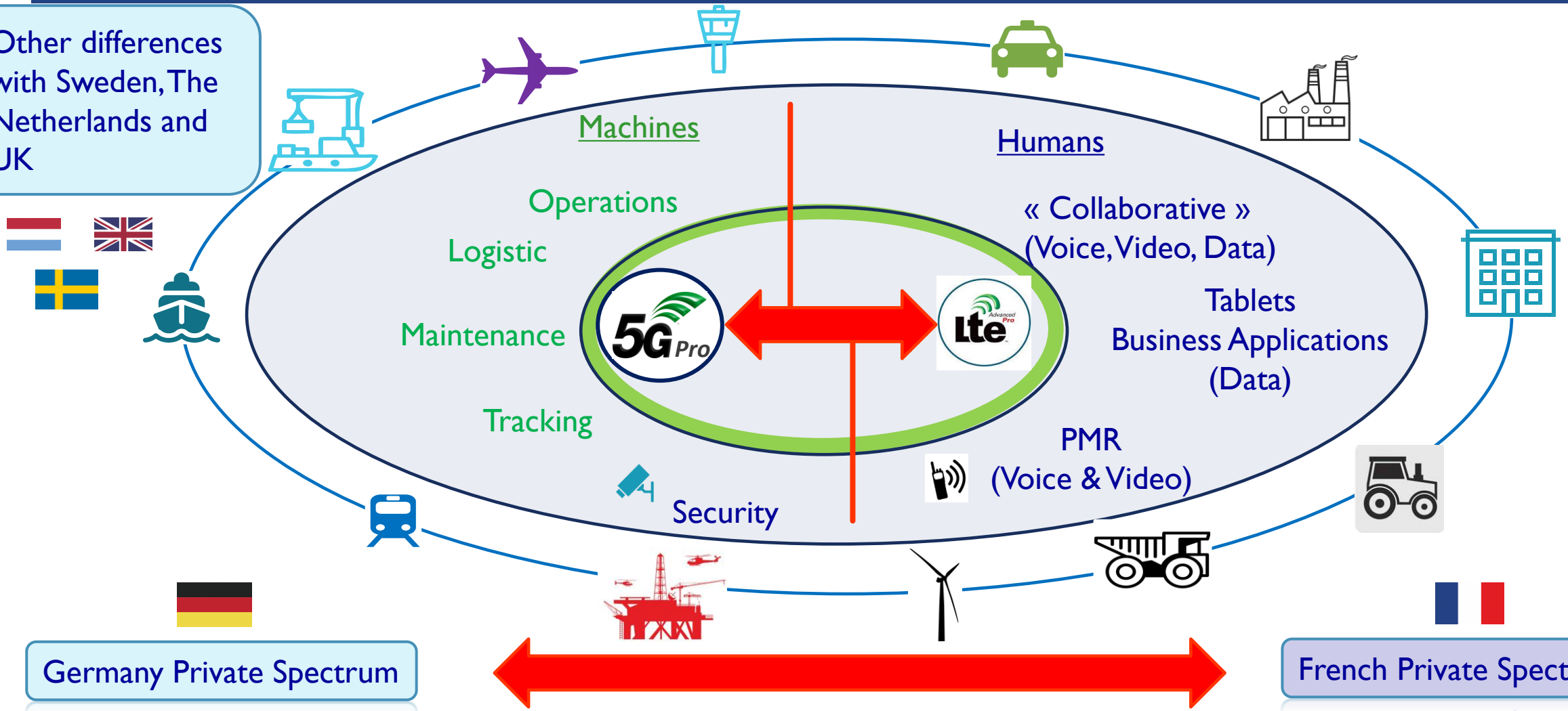
Industry 4.0 is expected today (2022), not tomorrow (2024 …)

Digitalisation of business and operational staff involves
network convergence
control of networks
network independence (from the public, but also from coverage strategies)

The connectivity best suited to each need is one of the key points of success -> while being shared as much as possible -> in this case on the most reliable and robust network -> PMR network model (Talkie Walkie) but on a European scale and not only in some European countries.

WHY EUWENA :
NEW CRITICAL MOBILE CONNECTIVITY TODAY

Other differences with Sweden, The Netherlands and UK



Germany Private Spectrum

French Private Spectrum

WHO IS EUWENA

- Focus Group in 2021 (from March)
- co-founders with the same observation
  - European private 5G spectrum (harmonization...) - 5G ecosystem - Strong link with all regulators per country - help European companies understand and explain their critical connectivity needs.

- Antoine Van Der Sijs — strict.
- Christian Regnier — PRIVINNET Critical Communication
- Kerim Agdaci — opticoms
- Peter Clemons — Quixoticity
- Chris Gehlen — neutroon
- Koen Mioulet — ULWIMO Ultimate Wireless MObility
- Shaun McGinley — SIGMA WIRELESS
- Thomas Hervieu — AGURRE

WHY IS EUWENA THERE

- Confusion with public networks, public services, public SLAs not aligned with critical and private connectivity
- Private 5G is developing rapidly in the US (ONGO) but not really in the same way or at the same speed in Europe today.
- The challenge (slide 2) is there for enterprises, especially after the covid crisis....
- Like AGURRE in France and KMBG in the Netherlands, if we group European companies together, they will be more visible in each country and in Europe and also by ecosystem

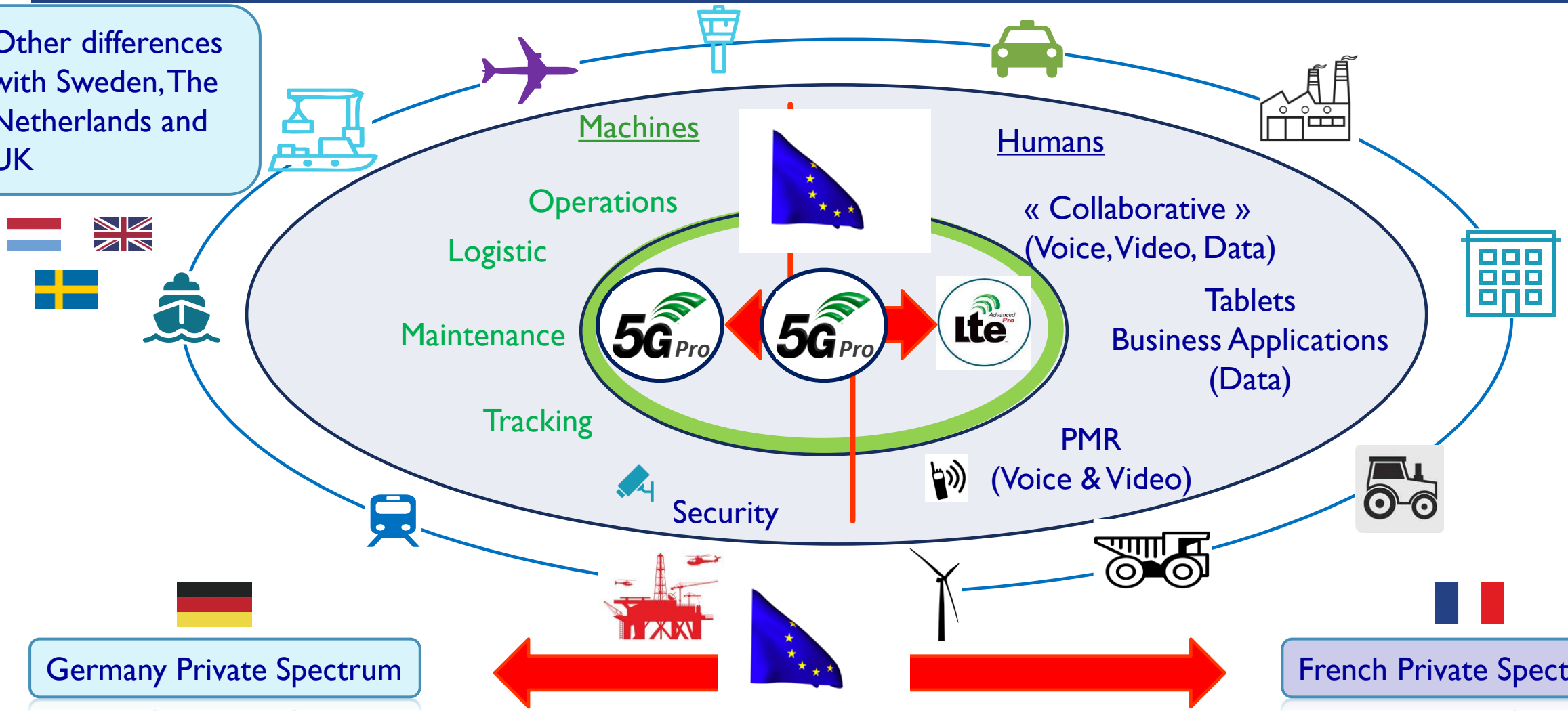
Industry 4.0 is expected today (2022), not tomorrow (2024 …)

HOW WILL EUWENA TACKLE WITH THESE ISSUES

- 4 working group will start in december 2021:
- **Standards Working Group : chairman Peter Clemons**
  - It is the main body within EUWENA feeding industry and enterprise private wireless network requirements into regional and global standards organisations, liaising closely with 3GPP, ETSI and other relevant and related bodies, as well as informing our members of latest developments, standards releases and main future trends which will impact their businesses
- **Working Group on Alliances and Associations : chairman Koen Mioulet**
  - some countries already have national business-critical user wireless solution associations. In addition, there are already a few international bodies and associations, either horizontally oriented or vertically oriented towards a specific sector.
  - EUWENA endeavours to associate these associations (like 5GACIA, AGURRE, TechUK Spectrum Policy Forum, KMBG, OnGo, EUTC, CCBG….)
- **Spectrum harmonisation Working Group : chairman Antoine Van Der Sijs**
  - Wireless networks and solutions start with the availability of appropriate frequency spectrum.
  - EUWENA advocates sufficient, accessible, affordable, harmonized spectrum for private broadband networks in Europe. EUWENA will develop the approach, strategy and undertake necessary actions to achieve this goal.
- **Supply Ecosystem Working Group : chairman Shaun McGinley**
  - Supply and availability of a diverse eco-system of technology will enable the full benefits of private 4G/5G spectrum for the users
  - EUWENA will follow the emerging 4G/5G technology trends for Enterprise technology solutions

IN THE END

Other differences with Sweden, The Netherlands and UK



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THANK YOU FOR YOUR ATTENTION

WWW.EUWENA.EU