



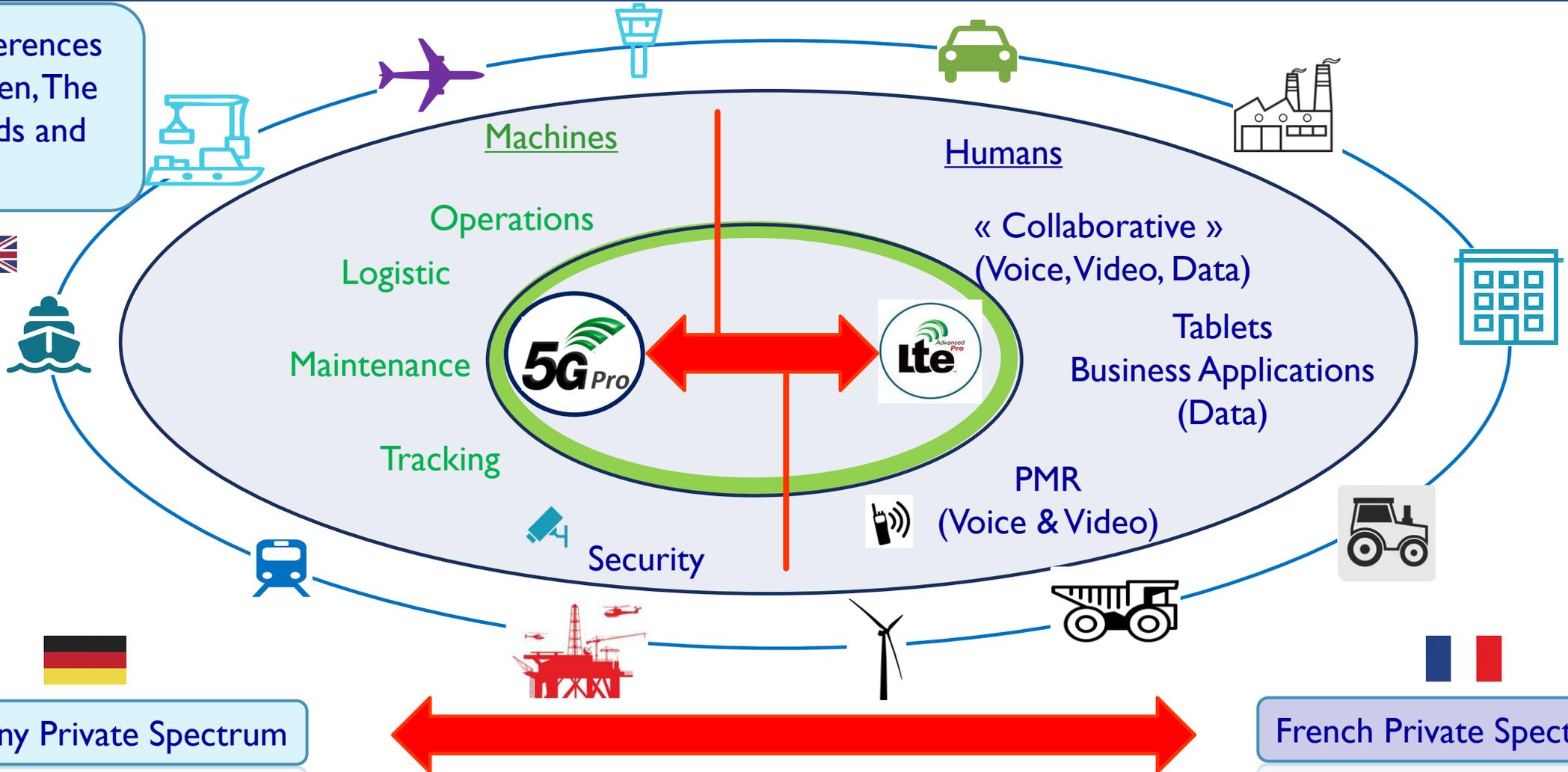
# A NEW ASSOCIATION FOR PRIVATE WIRELESS NETWORKS IN EUROPE

10th March 2022

# WHY EUWENA : NEW CRITICAL MOBILE CONNECTIVITY TODAY



Other differences  
with Sweden, The  
Netherlands and  
UK



Germany Private Spectrum

French Private Spectrum

# 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.

# WHO ARE 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



➤ Chris Gehlen



➤ Christian Regnier



➤ Koen Mioulet



➤ Kerim Agdaci



➤ Shaun McGinley



➤ Peter Clemons



➤ Thomas Hervieu



## WHY IS EUWENA HERE

- 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 3) 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

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(2022), not  
tomorrow (2024 ...)



# REPRESENTING THE VERTICALS



Burden...: “Double **fragmentation**” of verticals:

- Many and **varying verticals** that do not frequently encounter, i.e. industry, ports, petrochemical, logistics:



- Many and **diverse industries** per vertical

At a drawback relative to well established, more coherent verticals

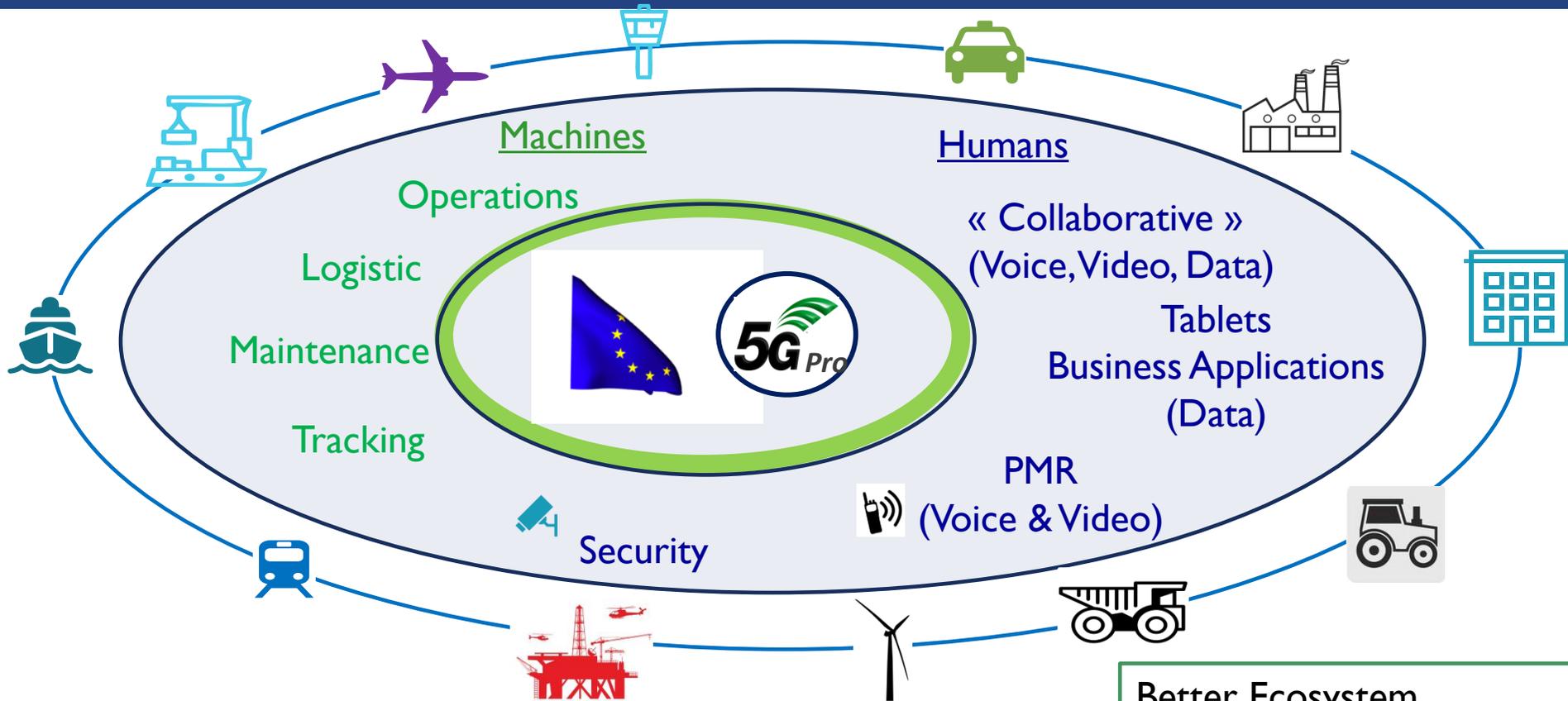
=> Encourage articulation of commonalities.....

# HOW WILL EUWENA TACKLE THESE ISSUES



- 4 working groups 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
  - In particular with 3GPP, EUWENA will be represented by Peter Clemons and Thierry Bérisset, Novamint (First Member of EUWENA).
- **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, TCCA, 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
- A 5th Working group related to “use cases” is under definition.

# IN THE END



Harmonisation of the solutions (Spectrum, ...) in Europe and also (why not) with the rest of the world

Better Ecosystem  
Best price – quality  
More adapted to the industrial needs  
Best solution for all industries



THANK YOU  
FOR YOUR  
ATTENTION

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