

ISMC 2023



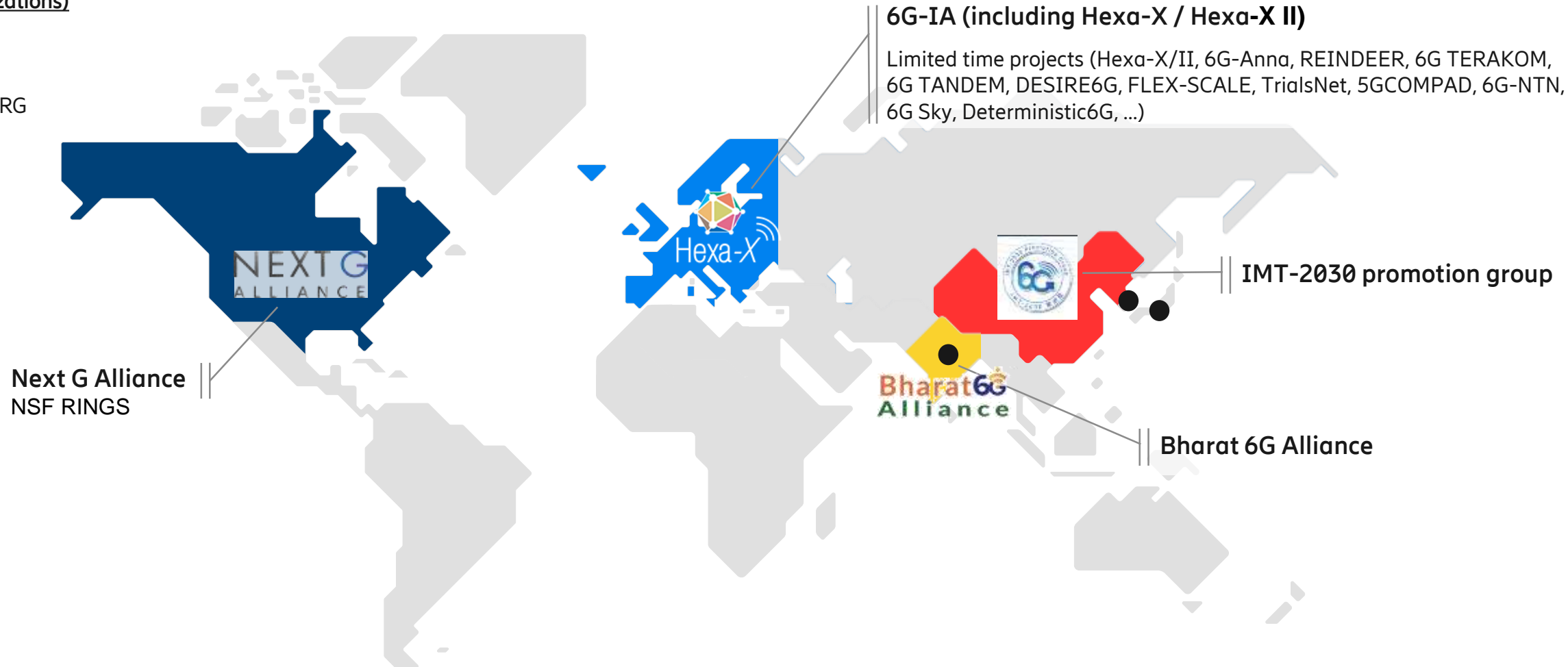
Janne Peisa
Head of Connectivity Networks
Standards and Industry Initiatives
Group Function Technology

Main regional 6G initiatives



Global (Organizations)

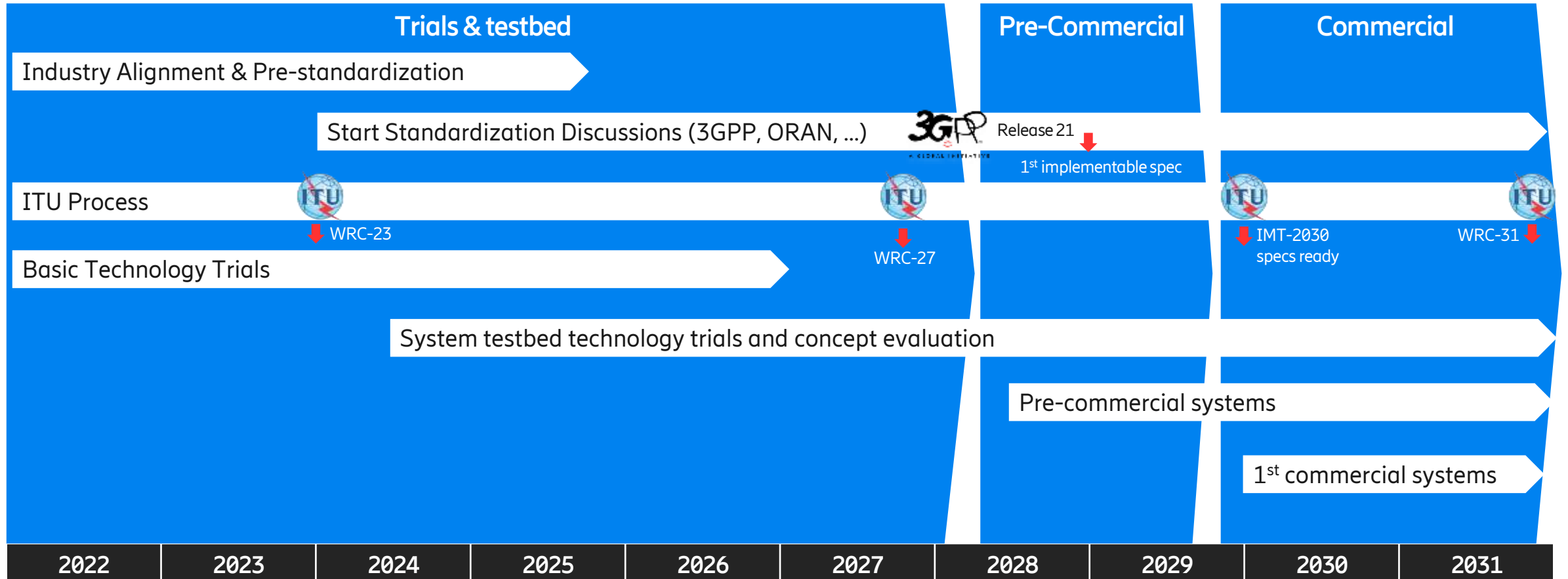
- NGMN
- GSA
- ITU-R
- O-RAN nGRG



6G Timeline – Ericsson View



High-level 6G timeline



The 6G Ambition



Use Case Areas

Immersive XR
Global Broadband
Situational Awareness
Massive Digital Twinning
Omnipresent low energy sensors
For consumers, enterprise & society

Technology Focus

Spectrum Aggregation, Spectrum Sharing
Multi-dimensional RAN co-ordination
Intent-based automated E2E SLAs
Energy Efficient Solutions
Operation in new spectrum
Precise Spatial locating
Coverage Extension

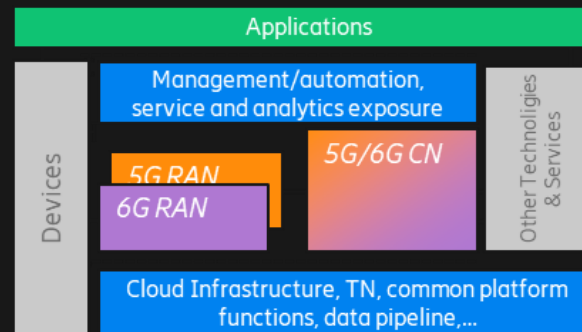
Network Capabilities

>100 x capacity
100% Global Coverage,
Positioning accuracy **<cm**
Peak data rates of **100Gbps+**
Trustworthy, Secure, Sustainable
Wide area consistent latency **<5ms**
Public, private indoor and outdoor solutions

6G Timeline



Future Network Platform



Multi-layer network

