

Mobile & Wireless Roundup #49 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 49th edition of this newsletter. Sometimes it feels like our industry wakes up just before MWC, does a lot of activities around and for a few months post-MWC and then goes back to sleep. In PwC's Global CEO [Survey](#) back in February, 46% of telecom CEOs said that they think their companies won't make it another decade.

The article points out that, *"A big reason is that telecoms don't have the strongest track record in terms of monetising new technology. They invest heavily in each new generation of mobile infrastructure, and customers—especially retail customers—expect to pay less and get more"*. Tell this to the 6G community who is trying their best to have the first draft of 6G standards by 2027/28.

On the same topic, the latest issue of LightTrends [newsletter](#) points out that, *"Telecoms is a profitable business, yet competition and regulation are hampering its growth. Telecoms spends eye-watering amounts in investment – European CSPs alone are estimated to have spent \$650 billion on technology in the last decade - yet the industry is one of the worse at getting a return on the investment."*

I would argue that our industry also has a communication problem. We are unable to explain technology challenges, limitations and I would say, even benefits in a simple way to the end users. Creating futuristic [5G adverts](#) are great, but they set wrong expectations to these end users. My understanding and experience from European market says that users are still waiting for consistent and reliable mobile internet connection and can't get their head around to why it's taking forever.

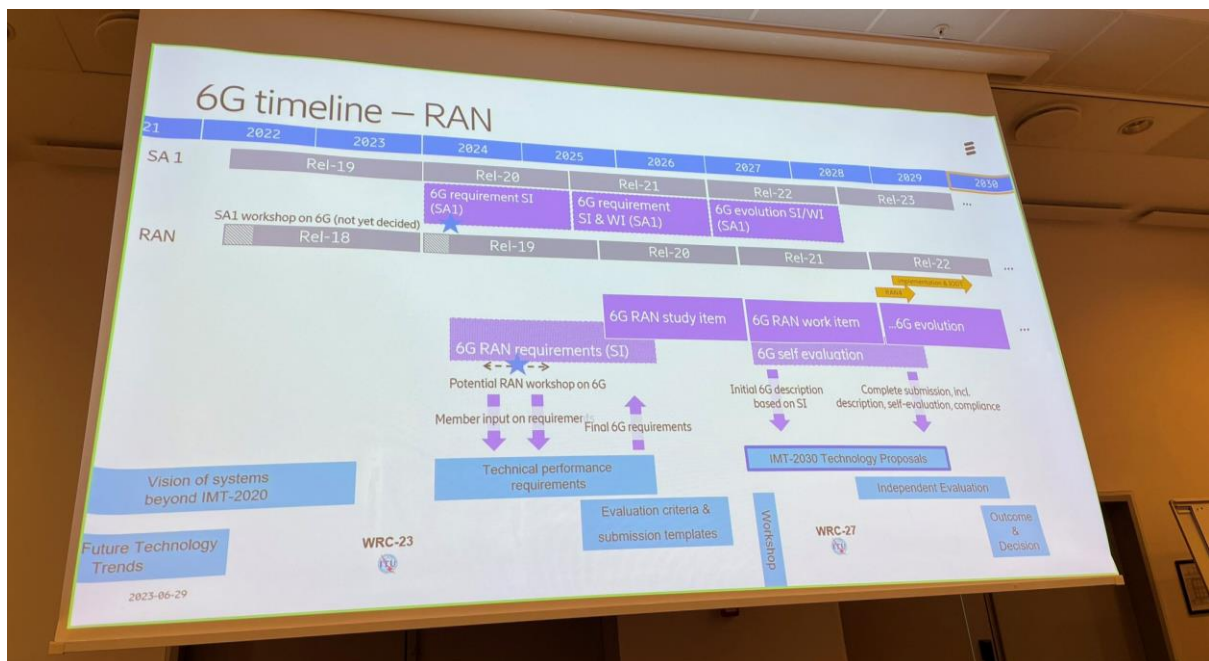
For those of you who don't know me, I am a technologist with over 24 years' experience in mobile wireless technology, currently working as an independent advisor, analyst, consultant and a trainer. This newsletter is a summary of my posts and others news that caught my attention since the last newsletter.



Over the years I have been supporting Cambridge Wireless' Technology & Engineering Conferences ([CWTEC](#)). This year is no different. You can use the code 3G4G100 for a 100% discount 🤖.

🕒 6G

- Free 6G Training: CEPT Workshop on 6G Mobile Communications ([link](#))
- Toon Norp on LinkedIn: "Great news! The Dutch Future Network Services national #6G initiative will get funding to start activities!..." ([link](#))
- Mobile Europe: What is the reality of 6G and how will it impact people? ([link](#))
- Dean Bubley on Twitter: "This slide bridges ITU & 3GPP timelines. Works backwards from ITU candidate submission deadline in 2029" ([Tweet](#) with picture)



🕒 5G

- Light Reading: Ericsson slashes 5G outlook by 400M subscribers ([link](#))
- Light Reading: China Mobile to offer new calling this year ([link](#))

🕒 Open & Disaggregated Networks (including Open RAN, vRAN, etc.)

- Meta's Evenstar is transitioning to OCP to accelerate open RAN adoption ([link](#))
- Telecom TV: 'Bumpy' Open RAN sector can overcome its challenges – analyst ([link](#))

- Light Reading: Ericsson and pals split open RAN community with massive MIMO plan ([link](#))
- Telecom TV Interview with Alex Jinsung Choi, Chairman of the O-RAN ALLIANCE & SVP Group Technology, Deutsche Telekom ([link](#))

🕒 Spectrum

- Commsupdate: MIIT designates 6GHz band for IMT services ([link](#))
- RCR Wireless: China allocates 6 GHz spectrum band for 5G, 6G services ([link](#))

🕒 Private Networks

- 5G Factory of the Future: 5G helping to increase manufacturing efficiency and flexibility ([link](#))
- Firecell: Different Names for Private Networks ([Video](#))

🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Telecoms Infrastructure Blog: Ericsson's Massive MIMO Handbook(s) ([link](#))
- Paul Rhodes on LinkedIn: *"Move with the Times: Let go of the Legacy - At an off-site workshop this week I was asked if I could make things simpler. Inspired by a post that said 'Tell it Like I'm 5', here goes..."* ([link](#))

1980s-2010 Site



Antennas

Co-Ax
Feeders

Cabin Full of
Proprietary
Radio
Equipment

>2010 Site



Antennas
Remote
Radios

Legacy Cabin –
Only Baseband
and Power

🕒 IoT / M2M / Smart Homes

- RCR Wireless - IoT's dirty secret – 78 million IoT batteries dumped every day (by 2025) ([link](#))
- Analysys Mason: IoT connections and revenue: trends and analysis 2022 ([link](#))

🕒 Virtualization, Cloud & Edge

- TMN: Nokia moves cloud infra business to Red Hat ([link](#))

🕒 AI, ML & Automation

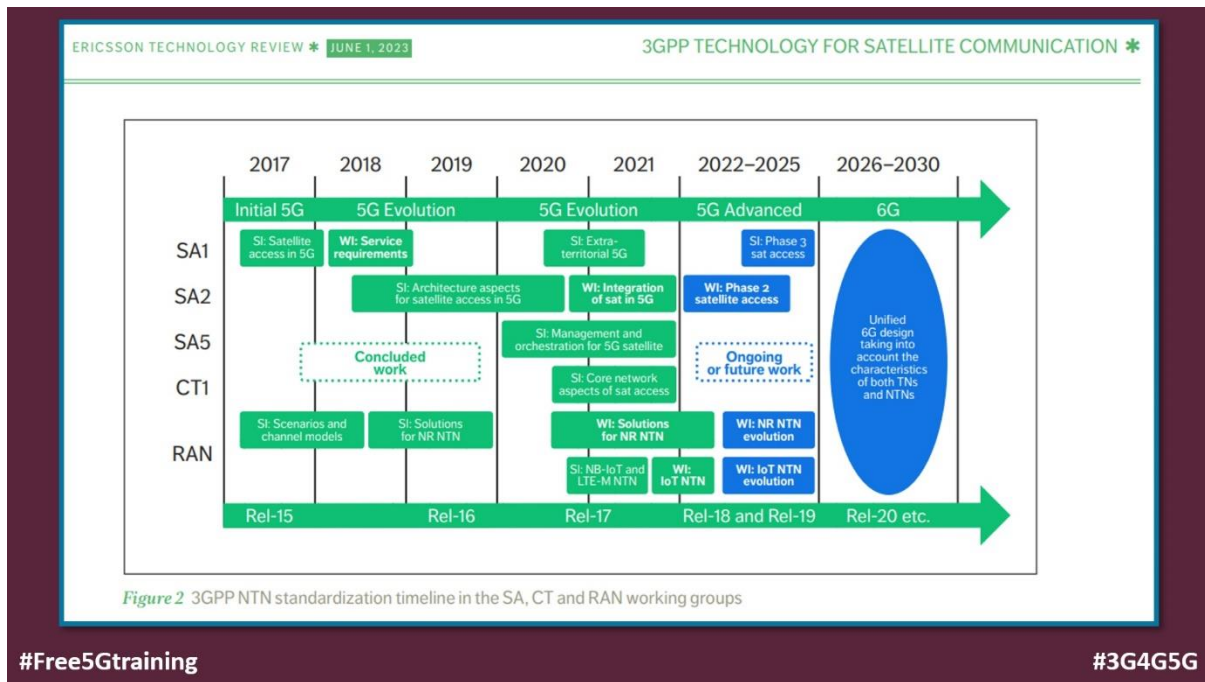
- Venturis Inc: Generative AI phenomenon ([link](#))
- Light Reading: AWS pitches gen AI for 'autonomous operation of networks' ([link](#))

🕒 Security & Privacy

- The Guardian: Turn your phone off every night for five minutes, Australian PM tells residents ([link](#))

🕒 Satellites, HAPS, Drones, UAVs & Space

- Ericsson Technology Review: Using 3GPP technology for satellite communication ([link](#))



- TIP Non-Terrestrial Connectivity Solutions Blast Off ([link](#))

🕒 Metaverse & Extended Reality (XR)

- The Register: Metaverses are flopping – hard – says Gartner ([link](#))
- MWL: Meta readies VR subscription service ([link](#))
- MWL: Google kills-off AR hardware product ([link](#))

🕒 Other News and Technology Stuff

- Phys.org: Microsoft claims to have achieved first milestone in creating a reliable and practical quantum computer ([link](#))
- Light Reading: FWA to remain 'biggest disruptor' in USA through 2024 ([link](#))
- LightCounting: Will Network Transformation resolve telecom's paradox ([link](#))
- Light Reading: Orange backs out of banking after losing €1B ([link](#))

🕒 **Picture of the week:** The Moon above [Sutro Tower](#) in San Francisco, California, courtesy of Christopher Michel ([Tweet](#))



Happy to hear your thoughts. Feel free let me know what worked, what didn't, how I can make this better, etc. Get in touch over LinkedIn!

PDF version of this and previous newsletters are available [here](#).