



Mobile & Wireless Roundup #92 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 92nd edition of this newsletter. It is easier to look back and say, “I told you so” with regards to the past hype cycle, but the real challenge is to ensure that this doesn't happen again. While we may rationally think that the lessons have been learnt and there is no reason to go down the same route, for many others this hyping-up of the next generation may be the only option.

There are many wannabe tech-bro's who are keen to emphasise 10 ways in which 6G will change the world. Then there are newsletter creators who have decided to sensationalise any news with a DALL-E generated image to provide sophistication to news. Then there are these recycle-bro's who will keep recycling the [news](#) like “Surgeon in London performing remote operation on a banana in California using 5G!!” that I [debunked](#) back in 2021.

There is also shameless copying of materials going on without crediting the creators. I am guessing most people assume that they will never be caught but even if they are, their excuse will be we forgot to credit the original source. A good number of LinkedIn influencers are actually copying other's content with no credit to the authors.

In addition to these, there are these poor researchers who have ideas that can be useful in future but the lack of funding means that they have to hype it to be able to afford working on it. And of course the vendors who will have to keep coming up with something exciting to be able to sell their wares. If they can't, it is in a way bad for the whole industry. As I have said multiple times, several colleagues have left the industry in frustration, while others are working on getting out.

This week while in a conference, I noticed the speakers were willing to admit mistakes were made in the past that are still affecting things today. I hope we can all try to ensure that while rolling out 6G, we don't compromise on an interim solution and ensure that the standards are properly baked.

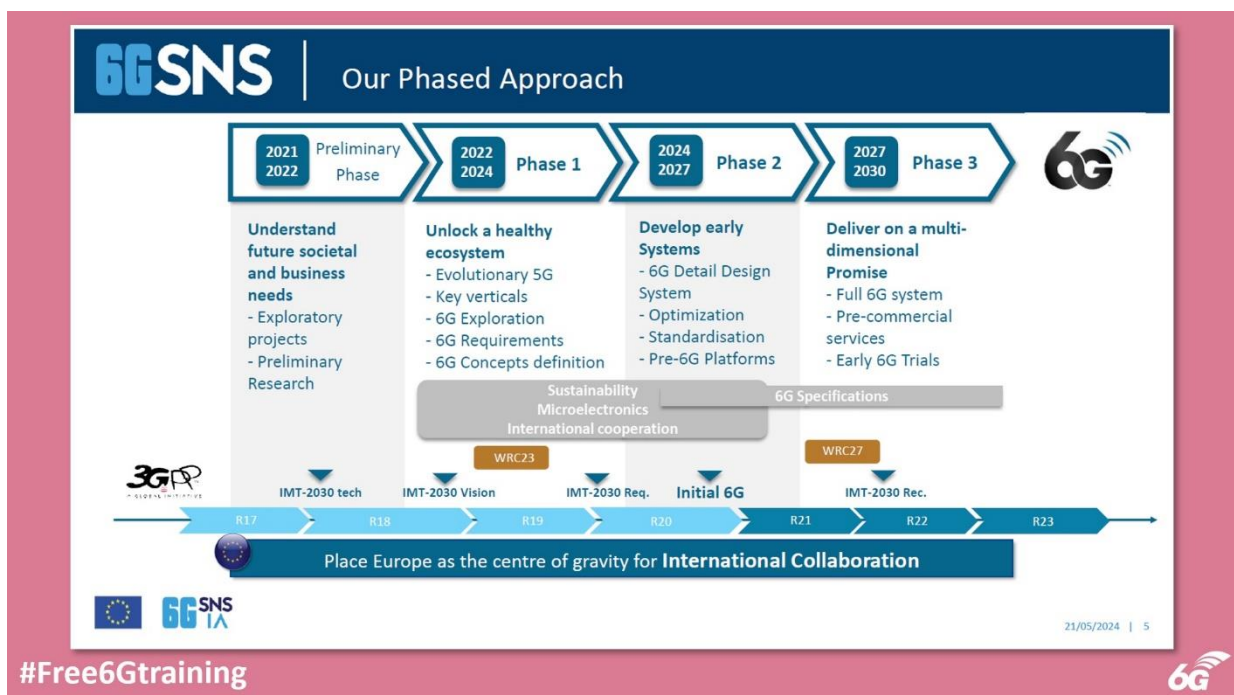
For those of you who don't know me, I am a technologist with over 25 years' experience in mobile wireless technology, currently working as an independent advisor, analyst, consultant and a trainer. This newsletter is a summary of my posts and other news that caught my attention since the last newsletter.



*This newsletter is kindly sponsored by Firecell - the Private 5G experts*

## © 6G

- Light Reading: 6G hopefuls shed the hyperbole ([link](#))
- TelecomTV: As it preps for 5G launches, Vietnam eyes the 6G era ([link](#))
- MWL: BT tech guru shows no appetite for 6G race ([link](#))
- Free 6G Training: 6G SNS Phase 2 Projects ([link](#))



## © 5G

- ATIS Webinar on 'Introduction to 3GPP Release 19 and 6G Planning' ([link](#))
- Light Reading: Airtel boss bemoans poor 5G returns ([link](#))
- Alok Tripathi on LinkedIn: How "Dynamic Spectrum Sharing" and "Non-Standalone" helped vendors lock-in Telcos and then quickly disappoint naive end-users 🙄! ([link](#))
- Rahim Navaei on LinkedIn - 3GPP Release 17 & Release 18: 5G NR Subcarrier Spacing (SCS) and Frame Structure ([link](#))

## 🕒 2G/3G

- Vietnam on track to turn off 2G service, develop 5G: Official ([link](#))

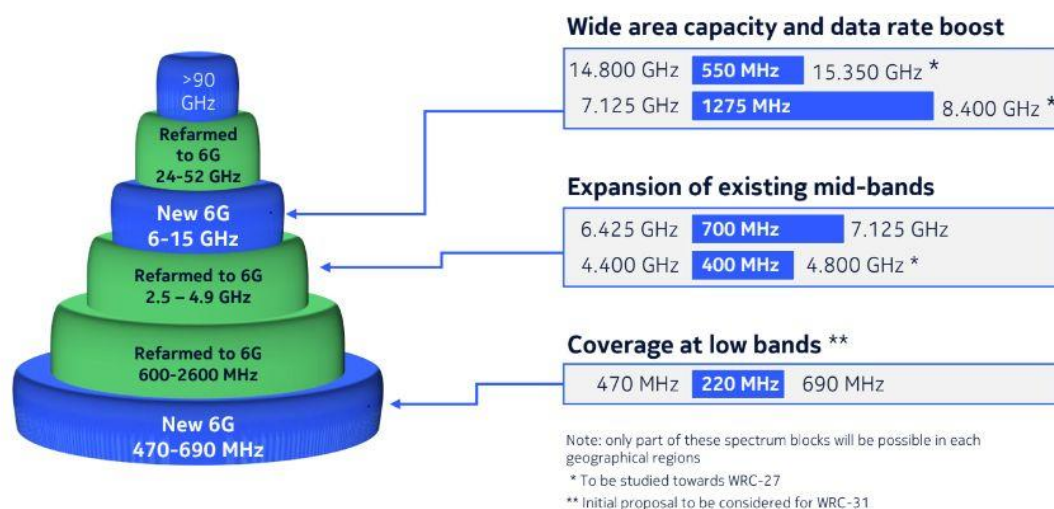
## 🕒 Open & Disaggregated Networks (including Open RAN, vRAN, etc.)

- Jinsung (Alex) Choi on LinkedIn - Mastering O-RAN: Effective Lifecycle Management for rApps and xApps ([link](#))
- Fierce Network: Orange takes slow but steady approach to open RAN ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Intelligent O-RAN with DataOps, AIOps, and MLOps: A Developer's Guide ([link](#))
- Dean Bubley on LinkedIn: "There was plenty of discussion about #OpenRAN at #ConnectX24 in Atlanta last week. I learned some new angles on it..." ([link](#))
- Jinsung (Alex) Choi on LinkedIn - OAM Evolution: Embracing AI and Open Interfaces in O-RAN Networks ([link](#))
- Mobile Europe: Orange, Vodafone expand Open RAN sharing trial in Romania ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Navigating the Xn Maze: O-RAN WG5's Blueprint for Multi-Vendor Interoperability ([link](#))

## 🕒 Spectrum

- Jinsung (Alex) Choi on LinkedIn: AI Driven Spectrum Engineering for Telecommunications ([link](#))
- Rudolf van der Berg on LinkedIn: "...Apparently setting aside 100MHz of spectrum for #Private5G is really bad for mobile download speeds. They may drop by 4Mbps! ..." ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Dynamic Spectrum Sharing and Multi-RAT Spectrum Sharing Through O-RAN Architecture ([link](#))
- Tim Miller on LinkedIn: "Well, it's an interpretation. Bell Labs at the #6GGlobalSummit is envisioning a huge new assignment of spectrum for 6G, clearing out satellite, broadcasting, science use, and fixed links - not to mention 2G, 3G and LTE..." ([link](#))

## WRC-23 lays the groundwork for building 6G systems



## 🕒 Private Networks

- Private Networks Technology Blog: Kellanova's Journey Towards Industry 4.0 ([link](#))

**SMART FACTORY TO BOOST KWS**

Data → Insights → Action → Results

**PROCESSES & CAPABILITY**

MPSI LDS EHS NRC QFS PPL AM RM CI TECH

Build capability in our processes and teams to improve results.

**EFFICIENT TOOLS & APPLICATIONS**

actions defects analytics checklists flexible forms pi vision Quality process analysis

Easy access to 'real-time' data and trends with simplified, integrated and connected tools and applications.

#3G4G5G #PrivateNetworks

- MWL - Feature: Experts wrestle with private 5G network challenges ([link](#))
- Is Your Dream Smart Factory Worth the Cost? ([link](#))
- The 3G4G Blog: Real-world Deployment of Digital Twin and Private Cellular at St Pancras Railway Station ([link](#))

## 🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Peter Clarke on LinkedIn: Cutting edge Ericsson triple band radios deliver Three Ireland's formidable high band transformation with performance and style ([link](#))
- Light Reading on LinkedIn: Touring Ericsson's 5G manufacturing plant in the US ([link](#))
- Paul Rhodes on LinkedIn: Multi-Vendor is Multi-Vendor RAN, Sole-Vendor is Single-Vendor RAN! ([link](#))
- Paul Rhodes on LinkedIn - Thursday School: Planning (Part 2). Actions Have Consequences! ([link](#))

## 🕒 Connected And Autonomous Vehicles (CAVs)

- NTT DOCOMO Initiatives toward Cooperative Automated Driving Using C-V2X ([link](#))

## 🕒 AI, ML & Automation

- Jinsung (Alex) Choi on LinkedIn - Handover Revolution: AI/ML at the Forefront of Cellular Network Management ([link](#))
- Operator Watch Blog: Deutsche Telekom on the Role of AI in their Network ([link](#))
- Jinsung (Alex) Choi on LinkedIn: The Role of AI/ML in Capacity and Coverage Optimization ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Breaking Down Silos in O-RAN: AI-Driven Tools for Enhanced Collaboration ([link](#))



- IEEE CTN - An Overview of AI in 3GPP's RAN Release 18: Enhancing Next-Generation Connectivity? ([link](#))

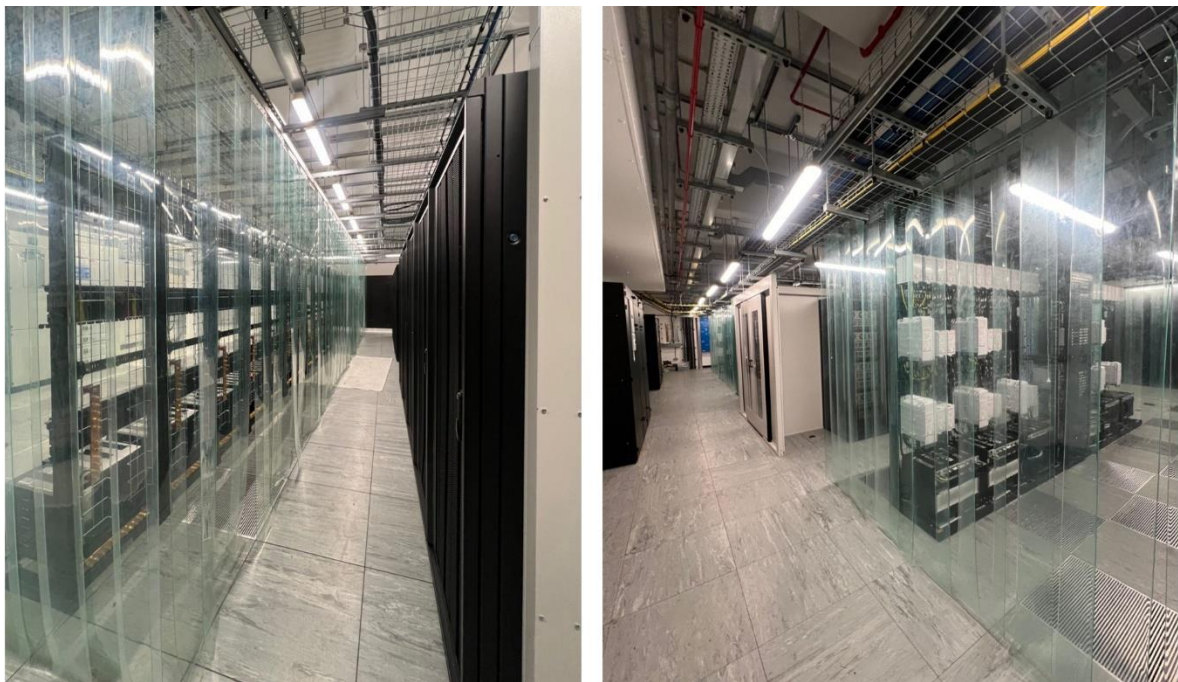
### 🕒 Satellites, HAPS, Drones, UAVs & Space

- The Register: Starlink offers 'unusually hostile environment' to TCP ([link](#))
- Jessica Chuang on LinkedIn: 5G over Satellite - NTN Standard for Regenerative Payload & SIB ([link](#))

### 🕒 Other News and Technology Stuff

- Redmill Marketing - The advanced telco tech research quandary, Part 1: 700 million euros later, what does Europe, and more importantly, European operators actually have out of 5G PPP? ([link](#))
- Light Reading: Ericsson and Nokia face worst mobile slump since dotcom crash ([link](#)) – Wesley Hellyar's take on this on LinkedIn [here](#).

🕒 **Picture of the week:** I first mentioned about BBU hostelling in a [blog post](#) over 10 years ago. Since then you have seen a lot more of the [infrastructure](#) on my blogs, especially the tutorial on [C-RAN/D-RAN](#). Recently I came across this [LinkedIn post](#) that shared Base Station Hotels/Hostels (BSH). The post has a lot more pictures but I have shared the BSH pics below.



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](#).