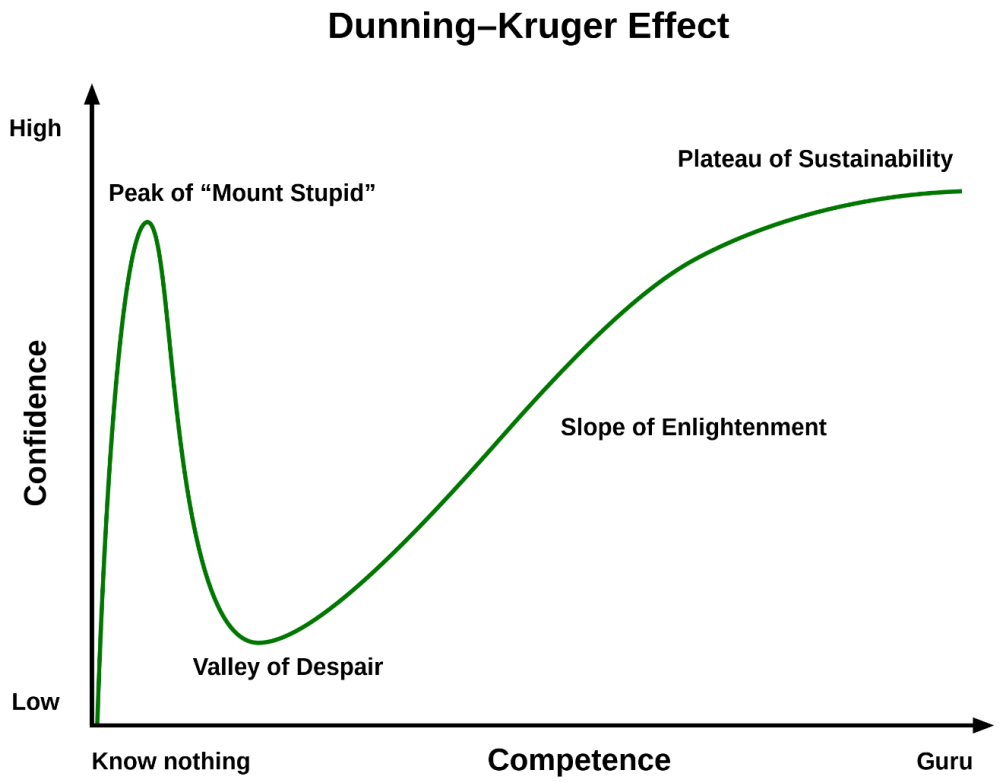
Mobile & Wireless Roundup #45 (see original on LinkedIn!)

By Zahid Ghadialy

Welcome to the 45th edition of this newsletter. I wonder how many people have heard of the Dunning-Kruger effect. It occurs when a person's lack of knowledge and skills in a certain area causes them to overestimate their own competence. By contrast, this effect also causes those who excel in a given area to think the task is simple for everyone, and they underestimate their relative abilities. This is one way of showing it.



I once hired a person who very quickly reached the 'peak of mount stupid' and again very quickly reached the 'valley of despair'. No matter how much I tried to convince her to stay and learn, she quit. I didn't know that this issue had a name back then. Whenever I see anyone become over-confident or over-depressed now, I point them to the Dunning-Kruger effect.

There are many ways to ensure you do not fall into this trap of over-estimating or under-estimating your abilities. Please do research this further yourself because I think it is beneficial to be aware. The main thing to remember is that you should try and get some feedback for everything you do. If it's positive, focus on what you did well and how you can do better. If it's not that good, then just focus on what you need to learn to do a much better job next time. One of the sayings I learnt as a child, "try and try until you succeed!" is a good one to bear in mind.

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.

◉ 6G

- Free 6G Training: Ten Physical Layer Challenges for Communications Engineers on The Road to 6G (link)

◉ 5G

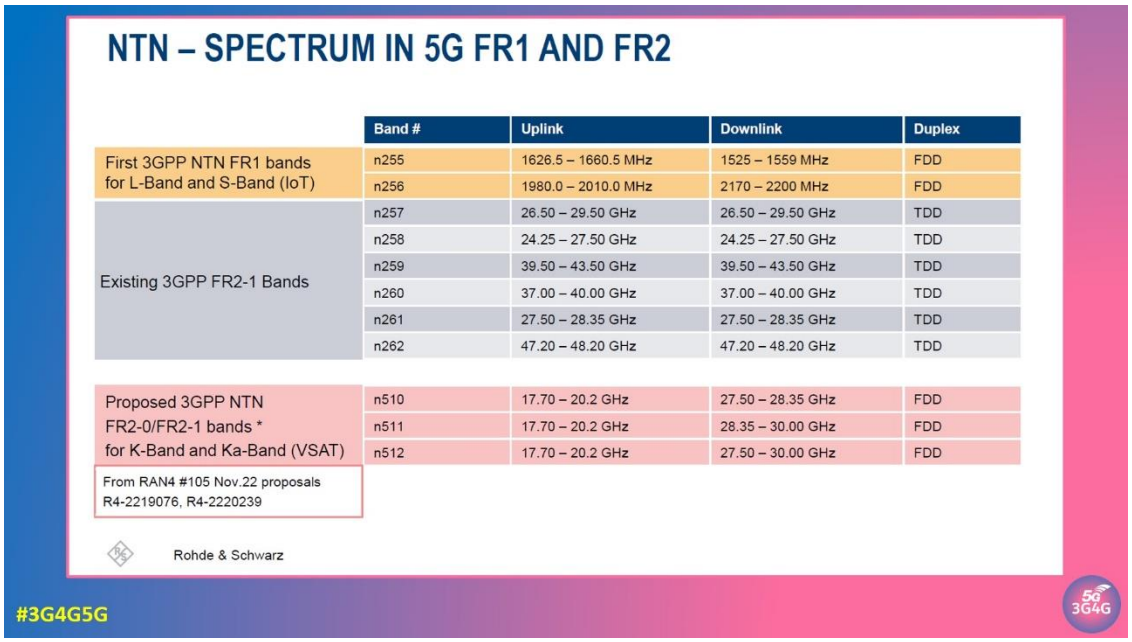
- Operator Watch Blog: Strategic Investments in 4G Networks have set High Expectations for 5G in The Channel Islands (link)
- Light Reading: Indoor 5G and how to solve it (link)
- JMIR: Contribution of the 5G Smart First-Aid Care Platform to Achieving High-Quality Prehospital Care (link)

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

- Light Reading: NTT Docomo promises 'competitive' open RAN 5G product by year-end (link)
- IS-Wireless: Poland's first Open RAN 5G network for industry 4.0 built using local solutions (link)

◉ Spectrum

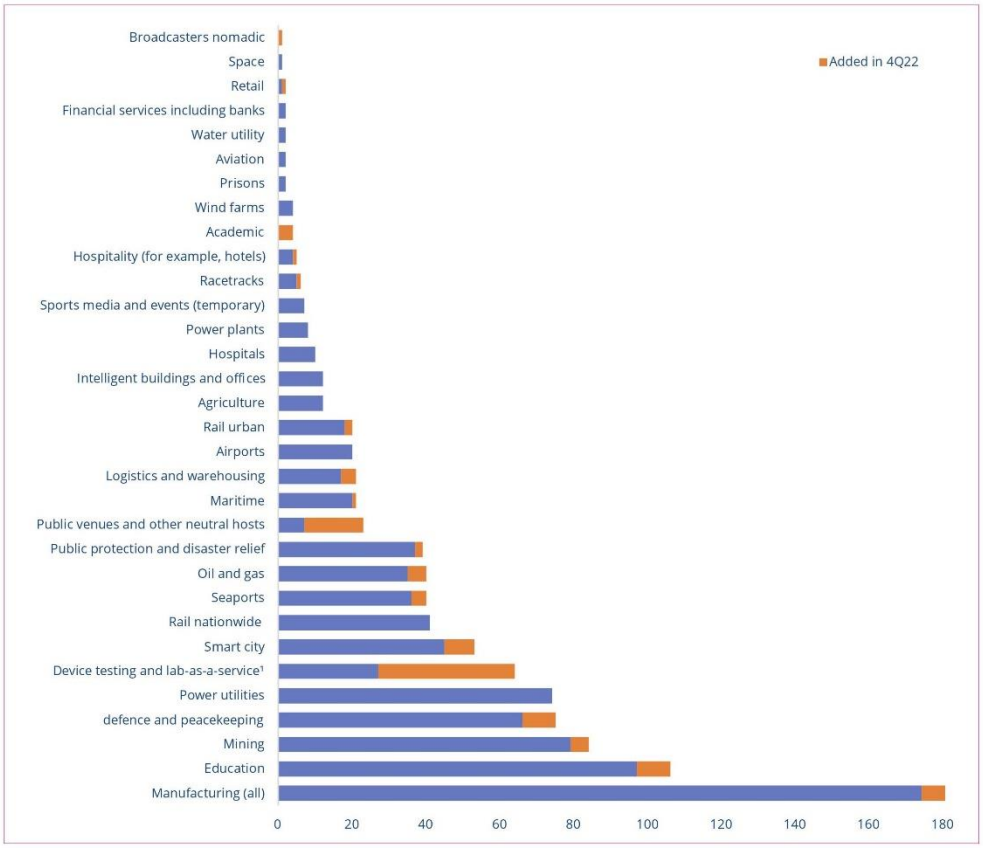
- The 3G4G Blog: New 5G NTN Spectrum Bands in FR1 and FR2 (link)



◉ Private Networks

- Private Networks Technology Blog: Private Networks are Popular in Manufacturing, Education and Mining (link)

Figure 4. Number of identified customers deploying private mobile networks in trials and commercially, by sector (base: 1,077 organisations deploying private wireless networks with revenue greater than €100,000)



[1] A large number of device testing and lab-as-a-service references were added to this update following the discovery of a new data source.

- Private Networks Technology Blog: Samsung and NAVER Cloud launch Korea's first private 5G network in the construction sector (link)
- Amit Ghadge on Medium: Private Networks for Mines (link)
- Private 4G & 5G use cases in mining (link)

◉ Telecoms Infrastructure, Small Cells, Antennas & others

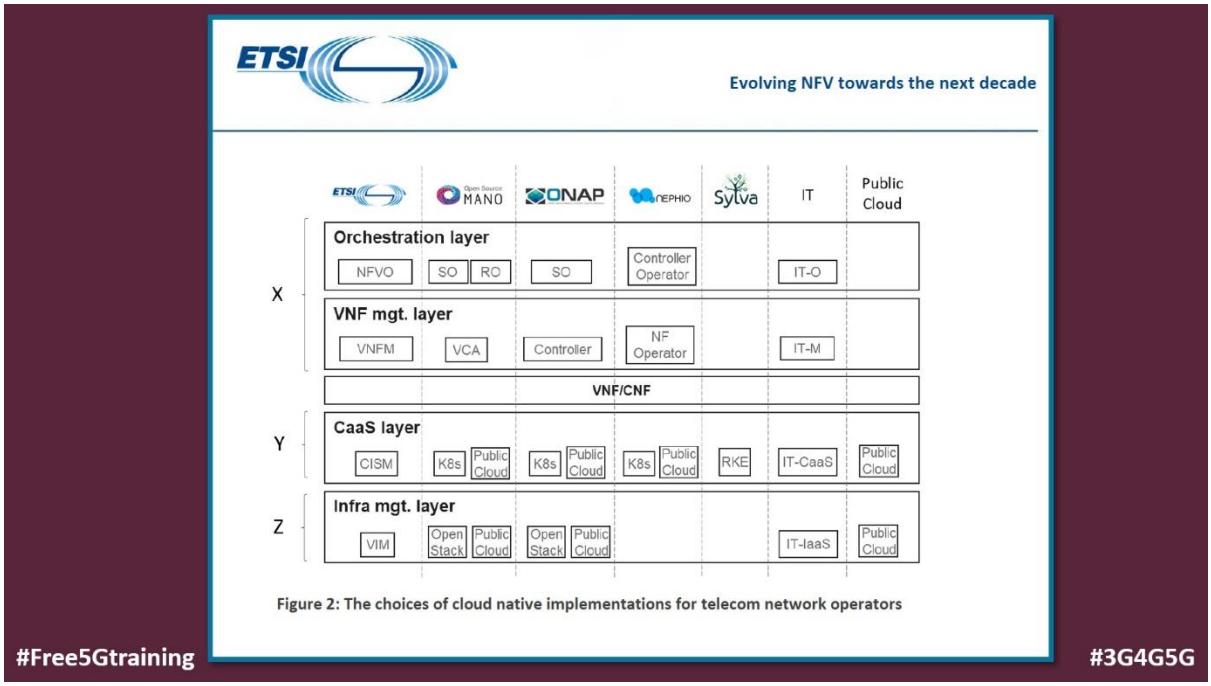
- Light Reading: Small cell focus still largely on densification (link)

◉ IoT / M2M / Smart Homes

- RCR Wireless: What to track, how to track – Four IoT asset types, four IoT asset traits (link)

◉ Virtualization, Cloud & Edge

- ETSI has a new White Paper on "Evolving NFV towards the next decade" written by delegates of the ETSI ISG NFV (link)



◉ Security & Privacy

- Cybersecurity Magazine Newsletter, May 2023: "How do I get a job in cyber security?" (link)
- The Register: Amazon Ring, Alexa accused of every nightmare IoT security fail you can imagine (link)
- Dark Reading: How to Jump-Start Your Cybersecurity Career (link)

◉ Connected And Autonomous Vehicles (CAVs)

- Verizon is proposing to virtualize the V2X Road Side Units (RSUs) to reduce costs and accelerate rollouts (link)

◉ Smartphones, Devices, Wearables & Gadgets

- Counterpoint BoM Analysis: Samsung Galaxy S23 Ultra Costs $469 to Make (link)
- The Guardian - 'Much easier to say no': Irish town unites in smartphone ban for young children (link)
- Counterpoint Research: Arm Platform TCS23 Sets Benchmark to Power Advanced, Holistic Mobile Computing Experiences (link)

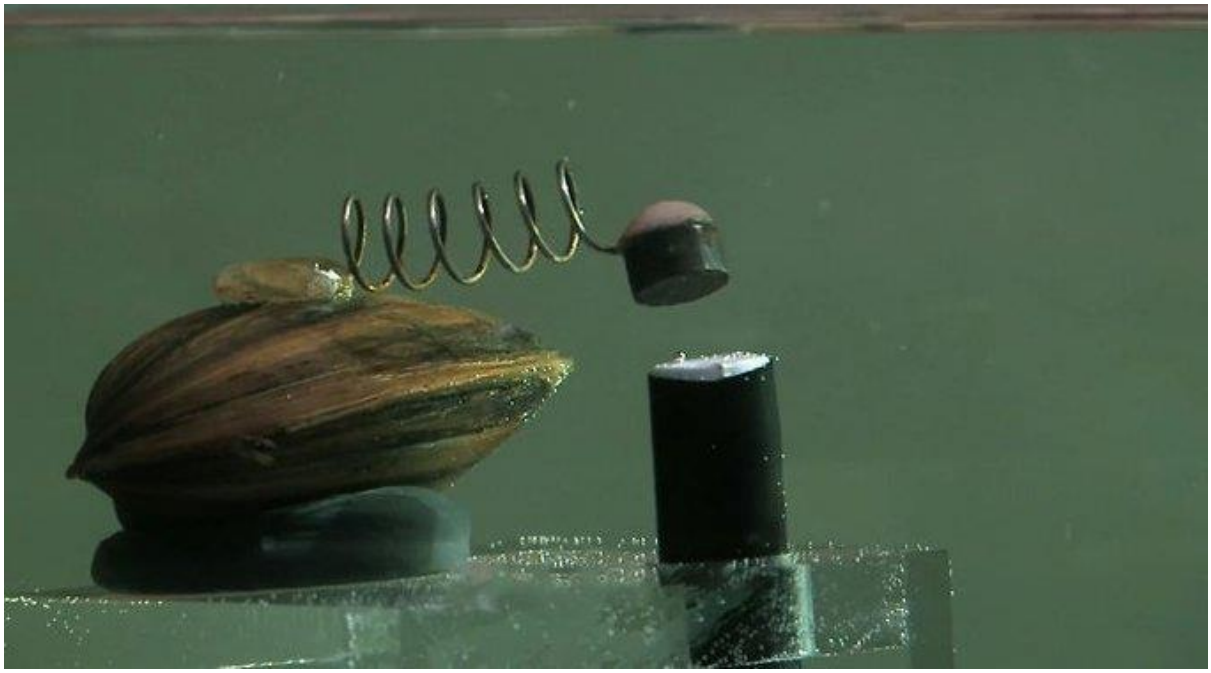
◉ Satellites, HAPS, Drones, UAVs & Space

- Leonard David: Space-based Solar Power Experiment Beams Energy in Space, Down to Earth (link)

◉ Sustainability

- Telecom TV: Why data management is 'key' to green network strategies (link)

◉ Picture of the week: Today's picture is that of nature's IoT. The water quality in Warsaw, the capital city of Poland, is monitored by clams. If the water gets too toxic, they close, and the triggers shut off the city's water supply automatically. (source Tweet, documentary on YouTube / Vimeo)



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.