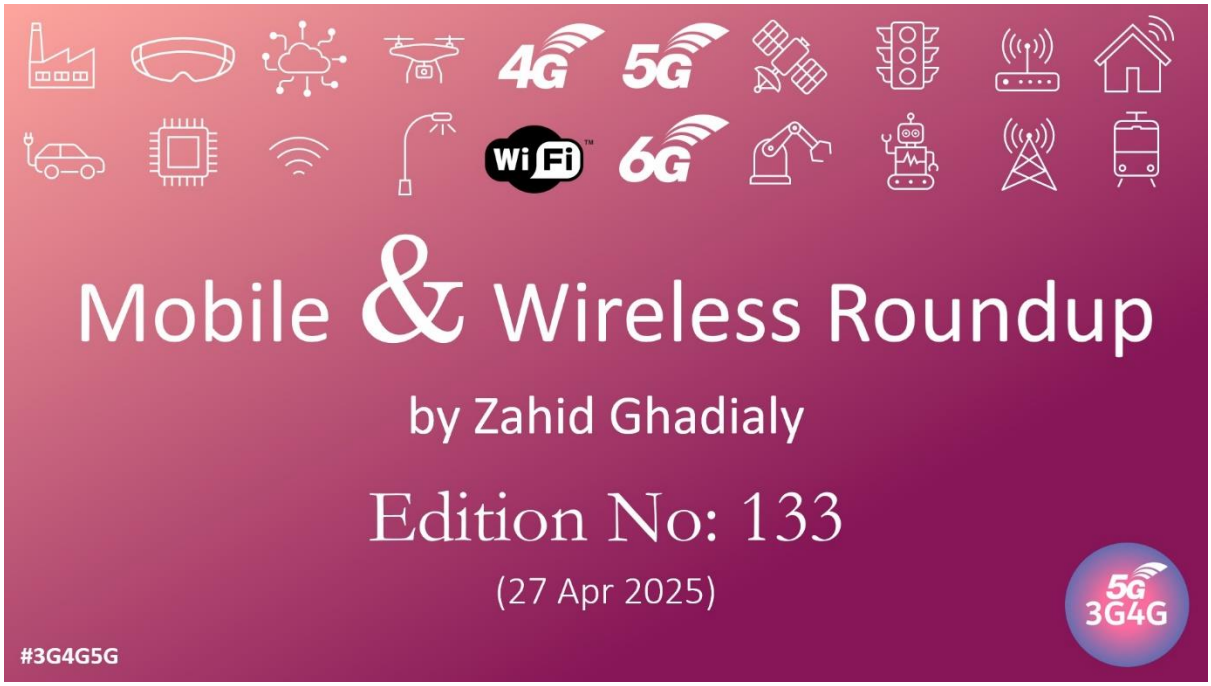


Mobile & Wireless Roundup No. 133 (see original on LinkedIn!)

By Zahid Ghadialy

Welcome to the 133rd edition of this newsletter. Technology is racing ahead at full tilt, even as the tariffs debacle rumbles on in the background. So much is happening right now that it is a real challenge to keep up.

Here I focus on mobile and wireless. It might sound like a big area, but in reality it is tiny compared to everything else going on in the tech world. I spend a lot of time searching for information, and most of the time I just need a quick explanation. Google's new AI Overview is usually enough, so much so that I rarely click on any links. This is creating major headaches for website owners, whose content is being pulled in and presented without any clear permission.

Going further, I came across a couple of posts by Dion Wiggins (here and here), where he highlights how seven million pirated books were used to train Meta's LLaMA models. It is not just Meta, and it is not the first time either. This has been happening for a long time, and if we are honest, most of us have benefited from it at some point.

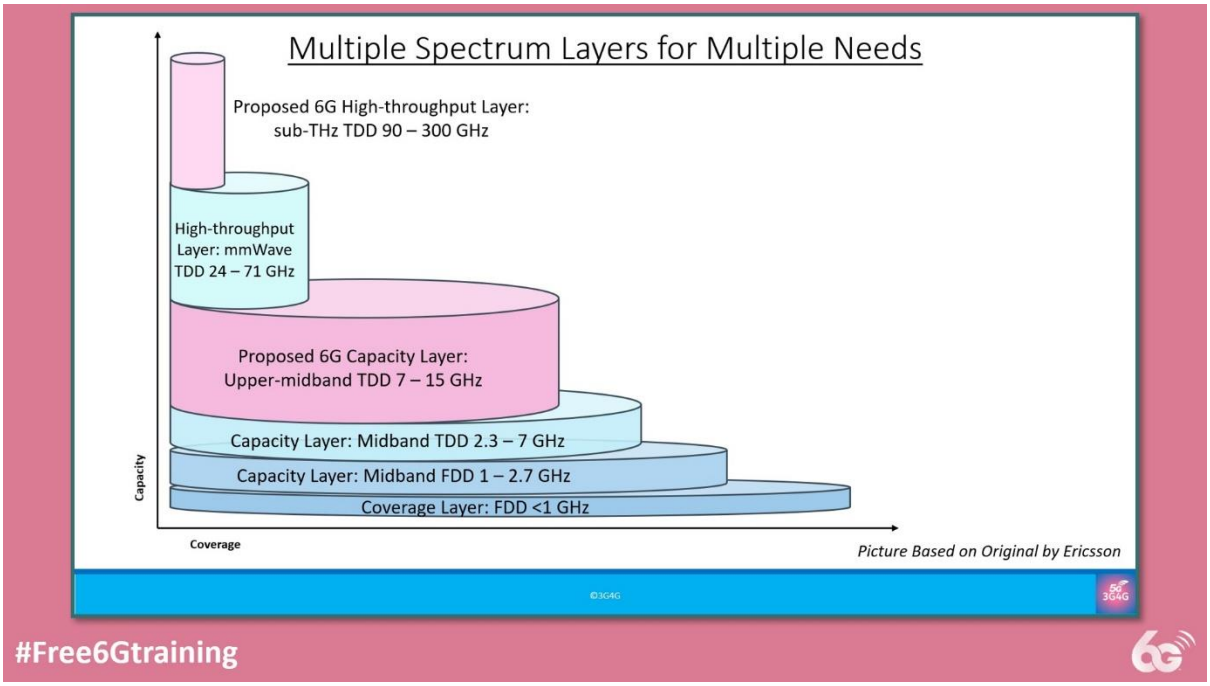
While these newsletter openings are always written by me, I do run them through ChatGPT to tidy up the grammar and catch any factual errors. We do not know exactly what OpenAI has trained its LLMs on, but I would not be surprised if it was much the same. Books are just one example. The same thing is happening with podcasts, videos, articles, and everything else we are all creating.

I do not have any easy answers, and I doubt many of us do, but the debates around these issues are fascinating. I encourage you all to read the posts (here and here).

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.

◉ 6G

- Dean Bubley on LinkedIn: "*Yesterday I was a panellist for the TelcoForge #6GForge panel debate titled "his House Believes 6G Development Is On The Wrong Track" …*" (link)
- Dean Bubley's summary of TelcoForge's 6GForge event on X threads (Day1-1, Day1-2, Day 2)
- Free 6G Training: Updated RF Spectrum Tutorial Featuring 6G Insights (link)



◉ 5G

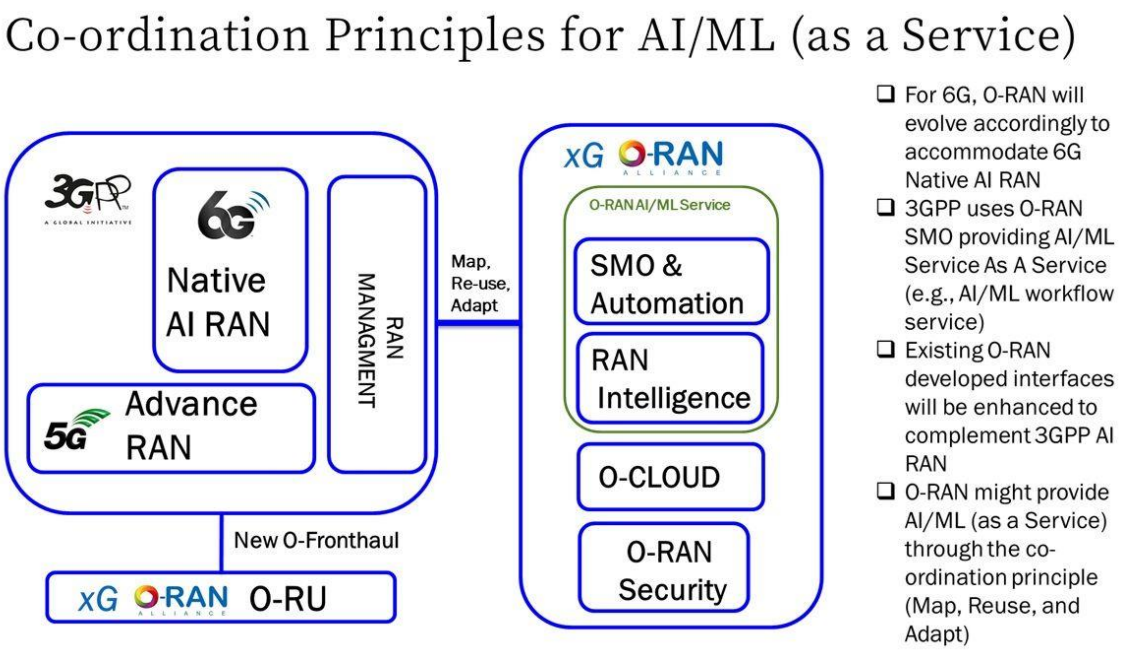
- TelecomTV: Jio dominates India's 5G FWA sector (link)
- Vodafone, A1 Group and Ericsson establish world first 5G Standalone international roaming connection between two operator groups (PR)
- T-Mobile Reaches 5G Advanced Nationwide Milestone: Unlocks the Modern Wireless Network for Consumers, Businesses and Developers (PR)

◉ 2G/3G

- Mohamed Abbas on LinkedIn: Some Interesting Statistics about 2G (link)

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

- ODIN - Unlocking the Power of Open RAN and Private 5G: VVDN Showcases Innovation at MWC 2025 (link)
- Path towards scaling Open RAN Architecture - Joint whitepaper by Vodafone and NTT DOCOMO (link)
- ODIN - AMD on Open RAN at MWC25: Great Innovation, Real Deployments, and a Reality Check (link)
- Jun Song on LinkedIn: How I (O-RAN) Met Your 3GPP (link)



- ODIN: Rimedo Labs Brings Smart Automation to Open RAN with rApps and xApps at MWC 2025 (link)

◉ Spectrum

- Light Reading: Amdocs retires SAS business for CBRS networks (link)
- TeckNexus: Airtel Acquires 400 MHz of 26 GHz mmWave 5G Spectrum from Adani to Boost mmWave Rollout (link)
- Bnamericas: Costa Rica moves toward 5G deployment (link)
- DefenseScoop: DOD preparing for first large-scale demonstration of spectrum-sharing tech in 2025 (link)

◉ Private Networks

- Private Networks Technology Blog: Vodafone Business and Snam Building Hybrid Private 5G Network in Italy (link)
- Fierce Network: Why China is so far ahead on private wireless, and other interesting 5G tidbits (link)

◉ Telecoms Infrastructure, Small Cells, Antennas & others

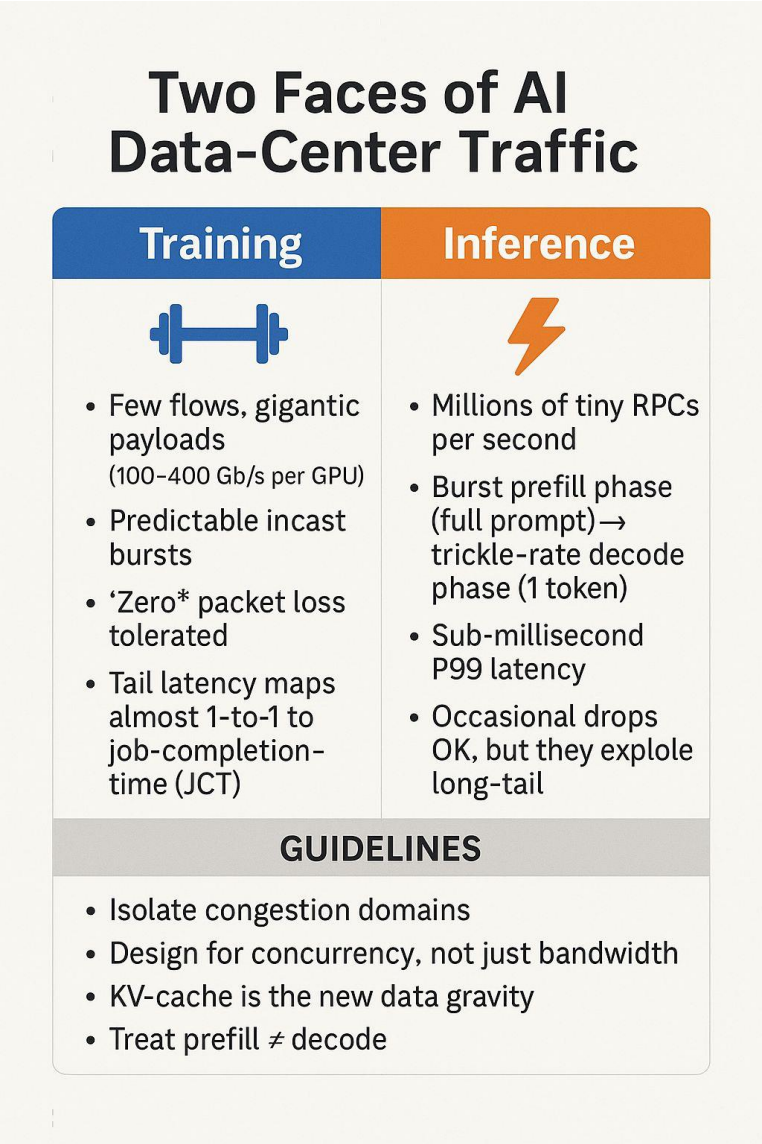
- New IOWN Global Forum Report Outlines Future of Digital Economy, Powered by All-Photonics Networks (PR)
- Paul Rhodes on LinkedIn - Thursday School: On the Nun? (link)
- Jinsung Choi on LinkedIn - Light-Speed Fabrics: The Hidden KPI Driving AI Datacenter Performance (link)

◉ IoT / M2M / Smart Homes

- Videos and Presentations from 5G IoT Summit at MWC25 Barcelona (link)

◉ Virtualization, Cloud & Edge

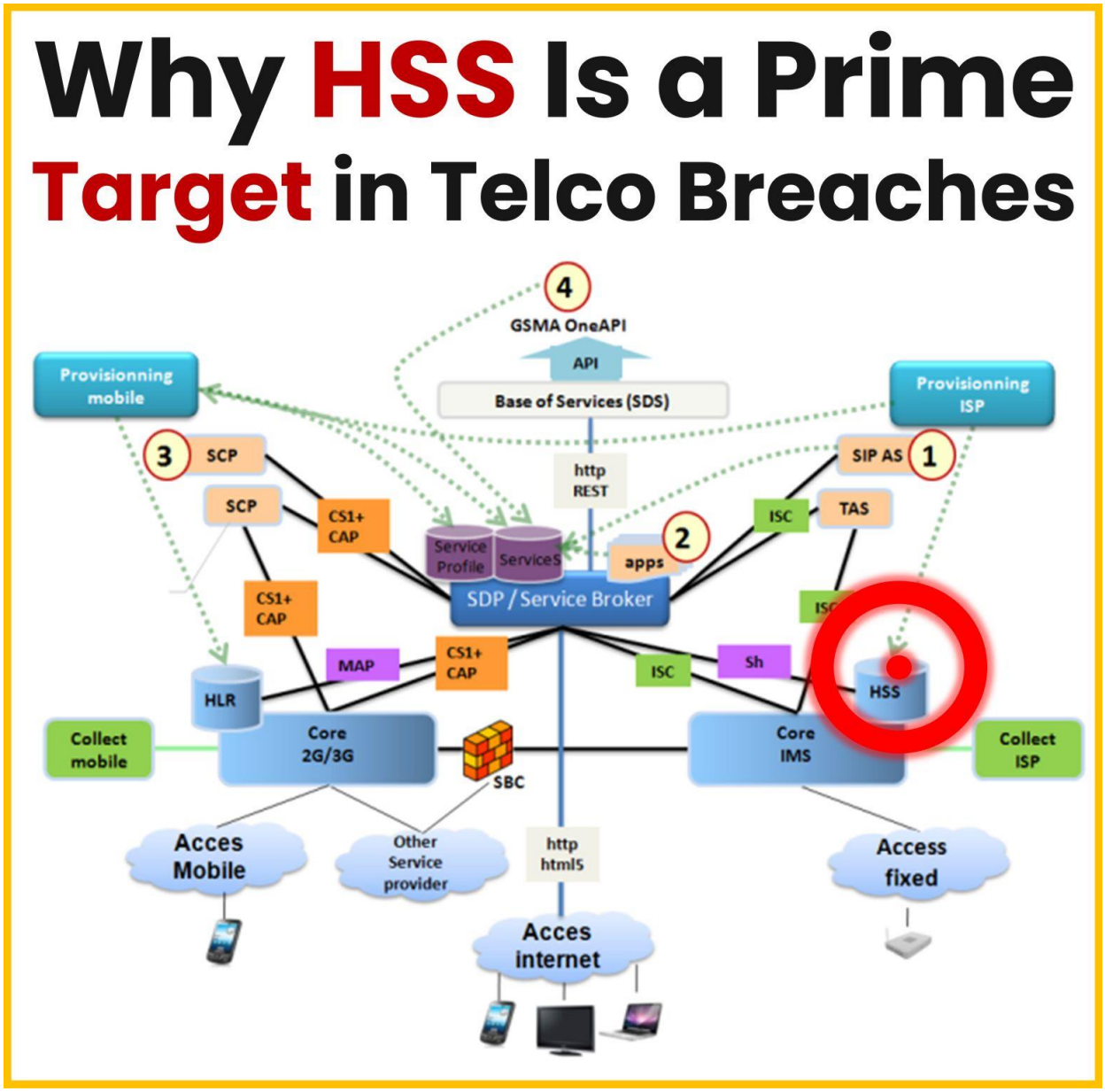
- RCR Wireless: KDDI, AMD partner to advance 5G virtualized networks (link)
- Jinsung Choi on LinkedIn: AI Traffic Isn't One-Size-Fits-All – It's Two Completely Different Animals Sharing the Same Fabric (link)



- Jinsung Choi on LinkedIn: Edge AI traffic is about to reshape mobile networks — are you ready? (link)

◉ **Security & Privacy**

- The Korea Herald: SK Telecom systems breached in cyberattack (link) - Silke Holtmanns provides details on LinkedIn here, Dmitry Kurbatov's take here.
- Dmitry Kurbatov on LinkedIn: What HSS incident reveals about Telco "Crown Jewels" (link)



- MWL: Ofcom bans UK operator Global Titles leasing (link) - Eric Priezkalns has details on LinkedIn here.
- Denis Laskov on LinkedIn: One packet is enough to pwn a satellite: research and exploitation of low Earth orbit (LEO) satellites (link)
- MWL: MTN hit by cybersecurity incident (link)
- Salim S I on LinkedIn: How do #Telecom security regulations differ across the U.S., EU, and India? How should security vendors tailor their approach? (link)
- Denis Laskov on LinkedIn: Solar power systems: 46 new vulnerabilities discovered in power grid equipment, solar botnets, and what may happen next (link)

◉ Smartphones, Devices, Wearables & Gadgets

- Denis Laskov on LinkedIn: Scientists can "hear" you falling asleep while driving, using your smartphone with 93% accuracy - even if you don't snore! (link)

◉ AI, ML & Automation

- Jinsung Choi on LinkedIn: The Road to Autonomous AI-RAN Starts with 6 Core Principles (link)
- ODIN - Horizontal by Design: Ericsson's Strategy for Smarter RAN Automation (link)

◉ Satellites, HAPS, Drones, UAVs & Space

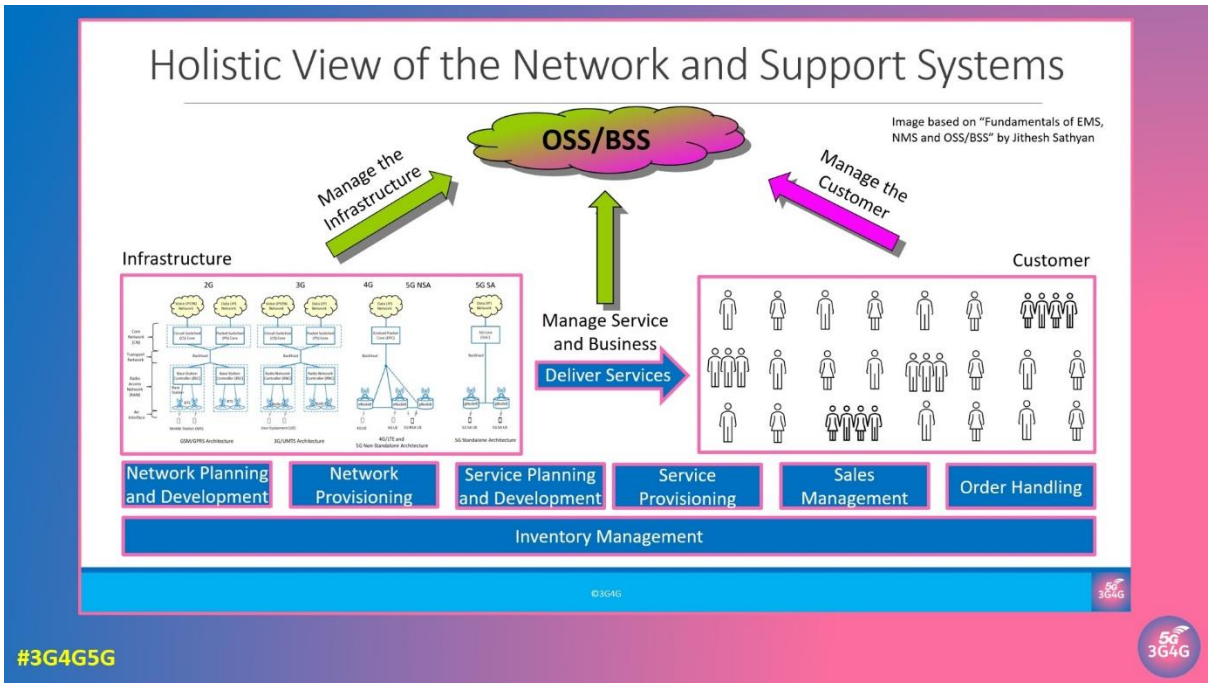
- Kim Kyllesbech Larsen on LinkedIn: Can LEO Satellites close the Gigabit Gap of Europe's Unconnectables? (link)

◉ Sustainability

- Virgin Media O2 cuts carbon, champions the circular economy, and connects millions with free data, digital skills and devices (PR)
- Rest of the World: Illegal charging stations are powering Delhi's e-rickshaw revolution (link)

◉ Other News and Technology Stuff

- What are No Mobile Coverage Zones called? (link)
- Connectivity Technology Blog - The Internet Story: A Deep Dive into How the Internet Works (link)
- The 3G4G Blog: An Introduction to OSS/BSS in Mobile Networks (link)



◉ **Picture of the week:** Many people don't realise just how large antennas can be, as they're often mounted high up on poles, towers, or rooftops. This picture of me standing next to antennas at the Connected Britain conference last year offers a better perspective on their true size.


HEXAGON
Solutions for fiber network design, creation and
CONNECTED
ZAHID
Delegate

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.