

## Mobile & Wireless Roundup #18 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 18th edition of this newsletter. As a die-hard fan of Twitter, I am a bit surprised by all that's going on there. Hopefully it will reach a conclusion soon with the service continuing to work normally, as most users have gotten used to.

We sometimes take connectivity and power for granted. I just [found out](#) this week that remote locations on the Navajo Nation, also known as Navajoland, a Native American reservation in the United States, is getting electricity for the first time. You can read more about it [here](#). They are still waiting for clean running water though.

For those of you who don't know me, I am a technologist with over 23 years' experience in mobile wireless technology, currently working as an independent analyst, consultant and a trainer. This newsletter is a summary of my posts and others news that caught my attention since the last newsletter.

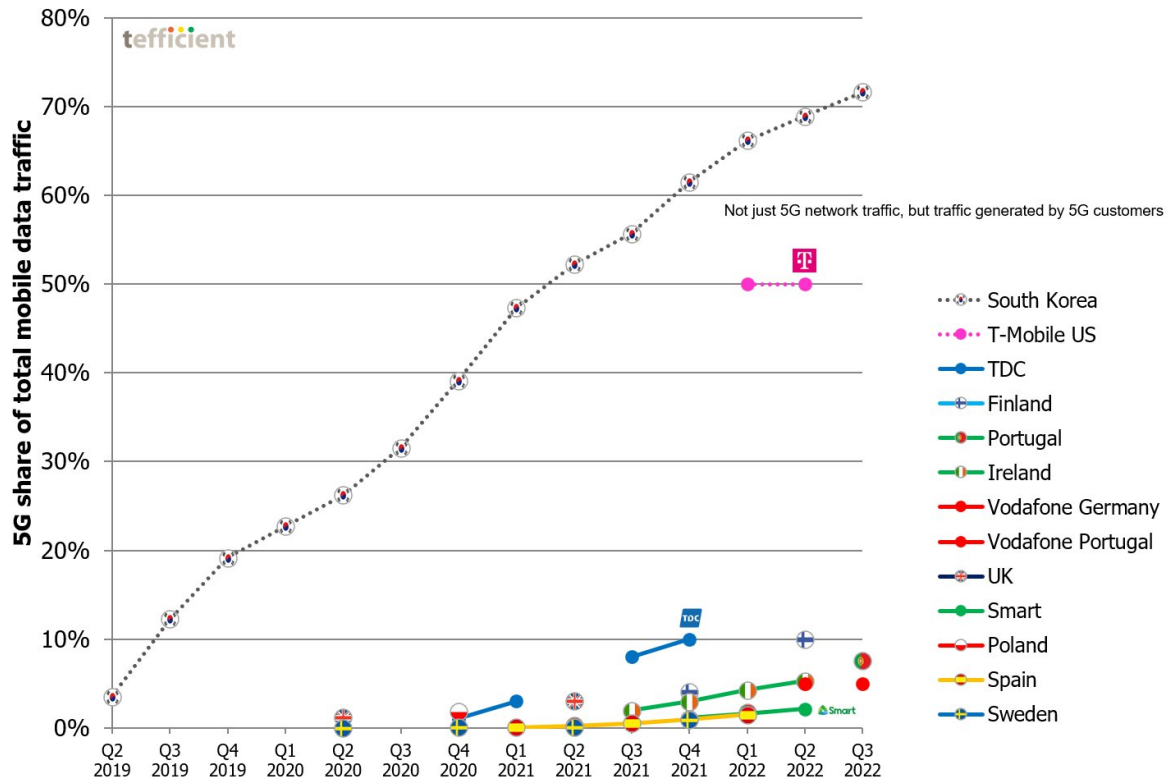


### 🕒 6G

- Free 6G Training: Presentations from The 2022 Brooklyn 6G Summit (B6GS) ([link](#))
- Nokia to lead KOMSENS-6G, a German national-funded 6G technology project, integrating sensing into the communications system ([link](#))

### 🕒 5G

- Multi-Connectivity for 5G Networks and Beyond: A Survey ([link](#))
- RCR Wireless: When will 5G Rel.18 become a commercial reality? ([link](#))
- Telecom TV: Orange launches its first commercial 5G network in Africa (Botswana) and focuses on FWA push ([link](#))
- The Role of Connectivity and Devices in Healthcare ([link](#))
- Tefficient on Twitter: "How large share of mobile data traffic is 5G? Our graph shows that the country of South Korea and T-Mobile USA lead over all other countries/operators, but their share of traffic is the traffic generated by 5G customers, not carried by the 5G network(s). 1/3" (Twitter [thread](#))



## 📍 4G/LTE

- GSMA: Rwanda reverses decision to depend on a Single Wholesale Network ([link](#))

## 📍 2G/3G

- Softbank: End 3G service on January 31, 2024 [Japanese] ([link](#)) – last year, there were still 11.18 million 3G contracts in Japan ([Tweet](#))
- Light Reading: Lawsuits over 3G shutdowns start piling up in USA ([link](#))

## 📍 Open RAN

- Telecom Infra Project Whitepaper: Open RAN Orchestration & Management Automation ([link](#))
- Fierce Wireless: How can open RAN improve total cost of ownership? — Pongratz ([link](#))
- Telecoms.com: The traditional ways of building RAN will no longer benefit MNOs - Roberto Kompany ([link](#))

## 📍 Spectrum

- Tefficient on Twitter: "Is mmWave dead when the government of the world's premier 5G market, South Korea, revokes 28 GHz licenses?" ([Tweet](#))
- Bluetooth SIG Targets 6 GHz Frequency Band ([link](#))

## 📍 Private Networks

- Presentations from CW (Cambridge Wireless Ltd) event "Network slicing – vision or reality? (Delivering private services from public networks)" available [here](#).

## 📍 IoT / M2M

- Connectivity Technology Blog: 'Matter' and 'Thread' to Improve Smart Home Connectivity & Interoperability ([link](#))

### 🕒 Smart Cities

- Emerging Tech Brew: The technologies changing the deepest depths of the city—the sewer ([link](#))

### 🕒 Cloud & Edge

- Leading European telcos and vendors Deutsche Telekom, Ericsson, Nokia, Orange, Telecom Italia, Telefonica and Vodafone collaborate on creation of open source cloud software framework to reduce the infrastructure fragmentation, within the European context ([link](#))

### 🕒 Connected And Autonomous Vehicles (CAVs)

- MWL: Automotive sector drives AT&T SA 5G core development ([link](#))

### 🕒 Artificial intelligence & Machine Learning

- Enterprise IoT Insights: SK Telecom unveils strategy to become an AI company ([link](#))

### 🕒 Satellite Connectivity

- Total Telecom: Countdown begins for EU satellite internet constellation ([link](#))
- AST SpaceMobile unfolds communications array in orbit and prepares for direct-to-mobile device testing ([link](#))
- GPS World: Starlink signals can be reverse-engineered to work like GPS ([link](#))

### 🕒 Metaverse

- techUK miniseries: The technologies underpinning the metaverse ([link](#))
- MWL: Qualcomm ups push for slice of metaverse ecosystem ([link](#))

### 🕒 Other News and Technology Stuff

- Video Playlist from IETF [115](#) in London ([link](#))
- Rajnesh Singh on Twitter: “Looks like #Twitch will suspend VOD in #Korea from 13 Dec because of the network usage fee legislation.  
[https://koreatimes.co.kr/www/nation/2022/11/281\\_339599.html](https://koreatimes.co.kr/www/nation/2022/11/281_339599.html) For why the fee is a bad idea, see this analysis from @internetsociety  
<https://internetsociety.org/resources/doc/2022/internet-impact-brief-south-koreas-interconnection-rules/#NetNeutrality>” ([Tweet](#))
- TechXplore: A navigation system with 10 centimeter accuracy ([link](#))
- Paolo Pescatore: Are Networks Prepared For A Streaming World Cup™? ([link](#))
- The New York Times: Was This \$100 Billion Deal the Worst Merger Ever? ([link](#))

### 🕒 Picture of the week: SpaceX's Starlink Gateway Antennas (source [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](#).