



## EUROPEAN COMMISSION

Cabinet of President Ursula von der Leyen  
Member of Cabinet

Brussels, 27 November 2020  
CA.1.CAB STAFF/

### SHORT NOTES OF A MEETING

**Subject:** Meeting of Anthony Whelan with Qualcomm on 5 February 2020  
(*Digital policy, 5G*)

, , (+ , cab EVP Vestager)

Outline of Qualcomm's European activities. EU is HQ for Q's AI research.  
Focus on 'AI on device', no data back to cloud or even on OS. Q is not a data sales company.

Europe has strengths on 5G roll-out. Best band mix. China way ahead on base station deployment. But Europe leads in terms of market response to 5G industrial uses (cf 3GPP release 16), we should build expertise and export.

Added value 13,2 trillion by 2035, 40-50% in industrial uses.

35% top IoT players are European – For IoT, APIs are needed for direct access to devices and machine data, avoid OS dependency of smartphone model

Coming issues: release 17, cm accuracy of robots, all main players (Q, E, N) need to invest in this.

Automotive licensing:

Licensing has traditionally been at component, not vehicle level, different to wireless devices model.

Licensing could be pushed to the comms module level, but not to the chip. Avanci licensing model (many players pool IP, 15\$ 4G/car reasonable). FRAND should be able to reflect added value of connectivity to the end product, this varies from product to product.

- e-signed -

Anthony Whelan