

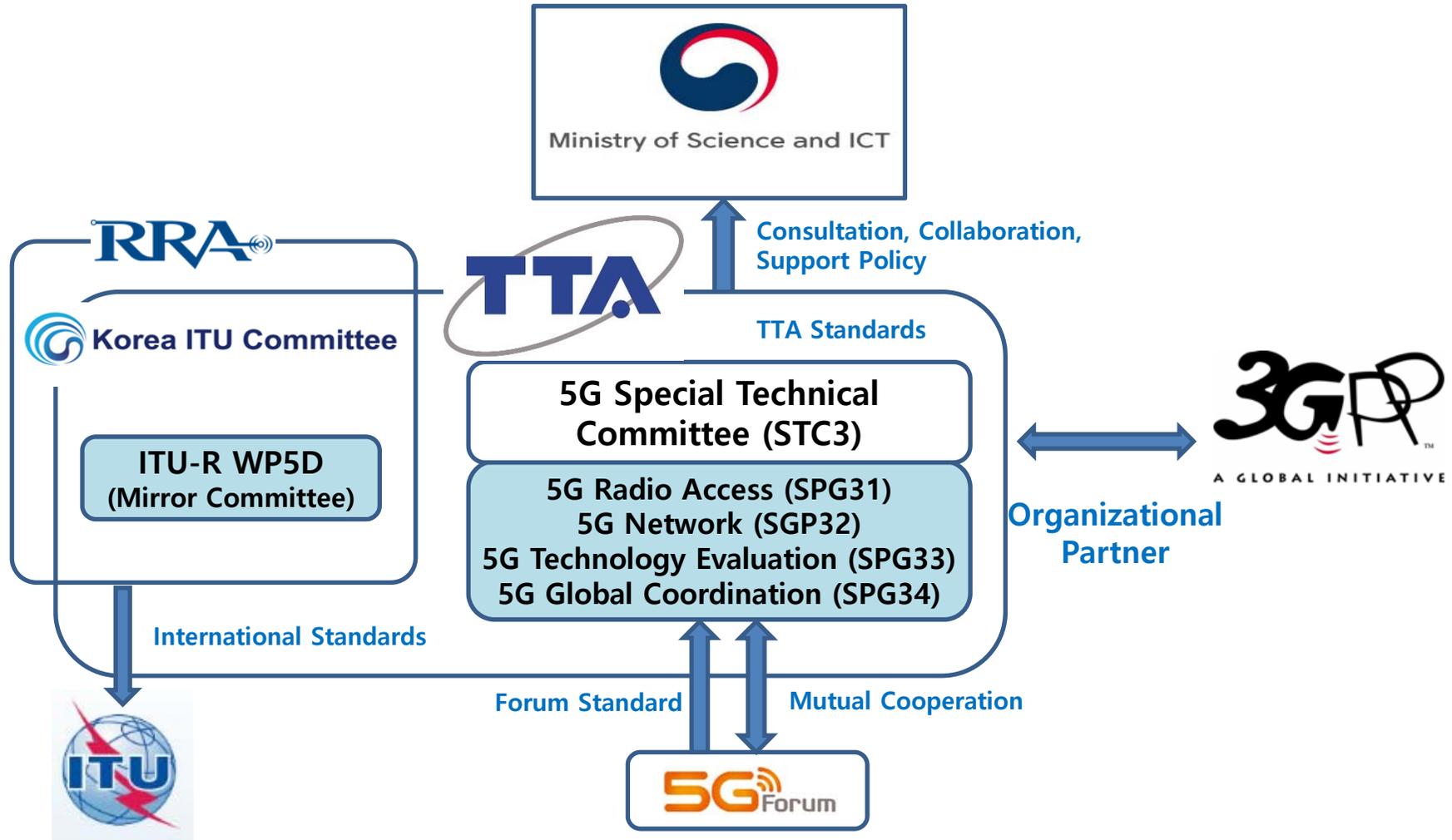


5G Activities in TTA and Korea



Telecommunications Technology Association

5G Standardization in Korea

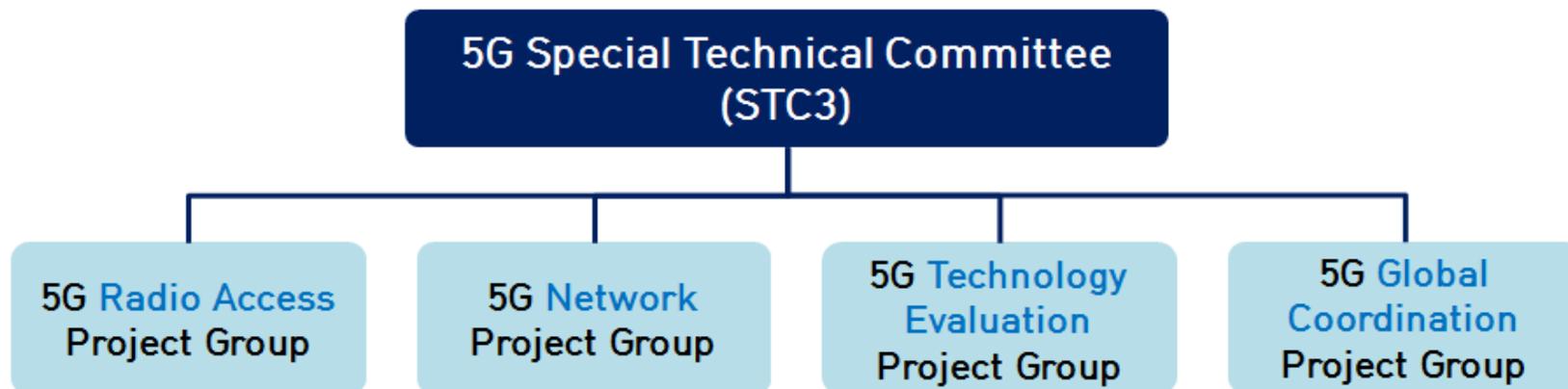


** According to the reorganization of government (*July 26th, 2017*), the Ministry of Science, ICT and Future Planning (MSIP) was reformed to Ministry of Science and ICT (MSIT)

5G Organization in TTA

- Special Technical Committee (STC) for 5G

- ❖ To timely respond to 4th Industrial Revolution with a specialized standard committee,
- ❖ 5G Special Technical Committee and affiliated Special Project Groups (SPG) were established in June 2017.



** 5G Technology Evaluation PG is registered to ITU-R IMT-2020 Evaluation Group.

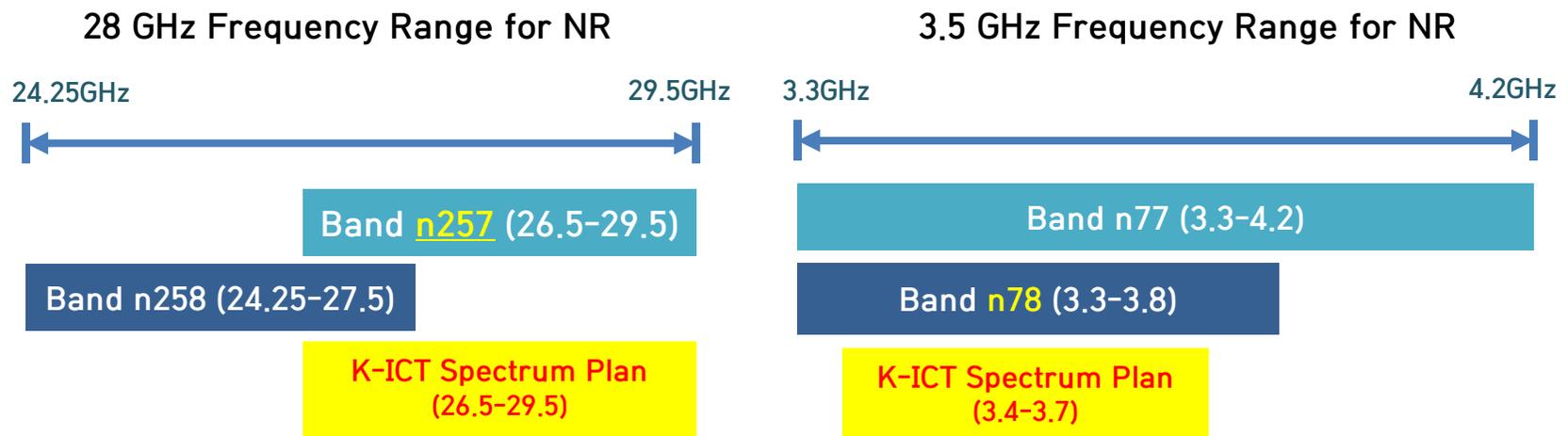
5G in 2018 PyeongChang Winter Olympics

- 5G pilot services will be provided in Olympic venues during the 2018 PyeongChang Winter Olympics



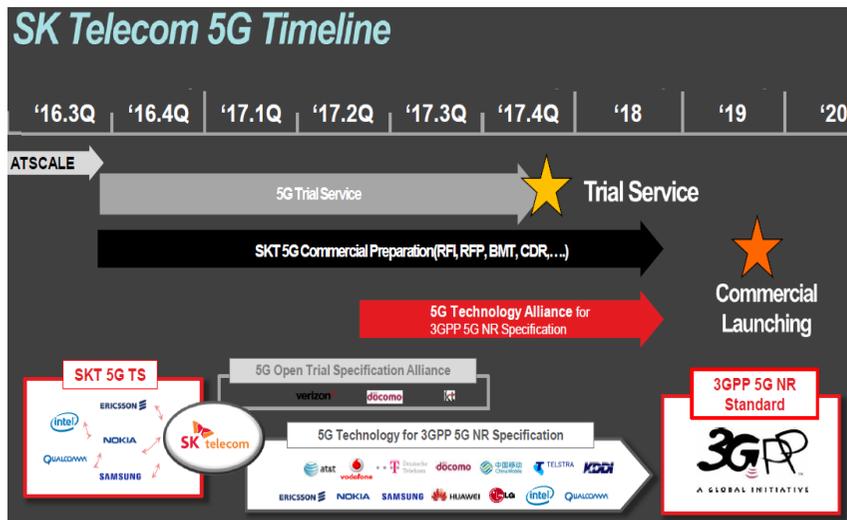
K-ICT Spectrum Plan for 5G

- Korea plans to provide 300 MHz bandwidth in the 3.5 GHz Band and 4 GHz bandwidth above 24.25 GHz band for 5G services as follows:
 - ❖ 3 GHz in the band 26.5–29.5 GHz by 2018 when 5G systems are available, at latest by 2021
 - ❖ Additional 1 GHz by 2026 taking into account WRC-19 results



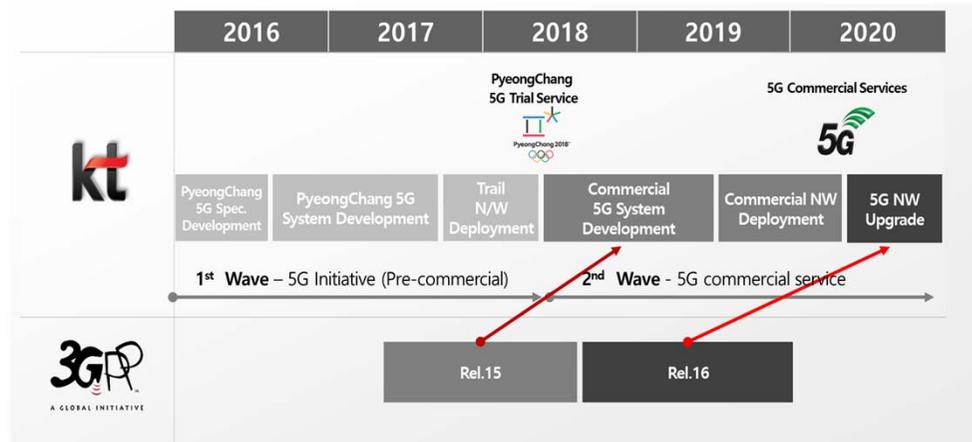
5G Commercialization Plan in Korea

- Korean Mobile Network Operators, SK Telecom and KT have already announced goals to commercialize 5G network
 - By 2019
 - Based on 3GPP 5G Specifications (Release 15)



Source: SK Telecom, Moving towards to 5G, 2017.6

KT 5G Roadmap (tentative)



Source: KT, 2017.9

4th Global 5G Event in Korea

The 4th Global 5G Event

"5G accelerating the 4th industrial revolution"

- DATE : November 22, 2017 ~ November 24, 2017
- VENUE : JW Marriot Hotel Seoul, 5F Grand Ballroom

Please visit

<https://www.5gforum.org/eng>
<https://www.4th-g5ge.org>



**Global
Conference**

- Day1~2 -



5G Tour in Seoul
(Visiting operators' 5G trial region)

- Day2 -



5G Tour at Pyeongchang
(Olympic Venue, invited only)

- Day3 -



Thank you

