

# **SK Telecom's View on 6G**

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## **3GPP 6G Timeline to Meet ITU Timeline**

**RP-232898**

**SK Telecom**

**Dec. 11-15, 2023**

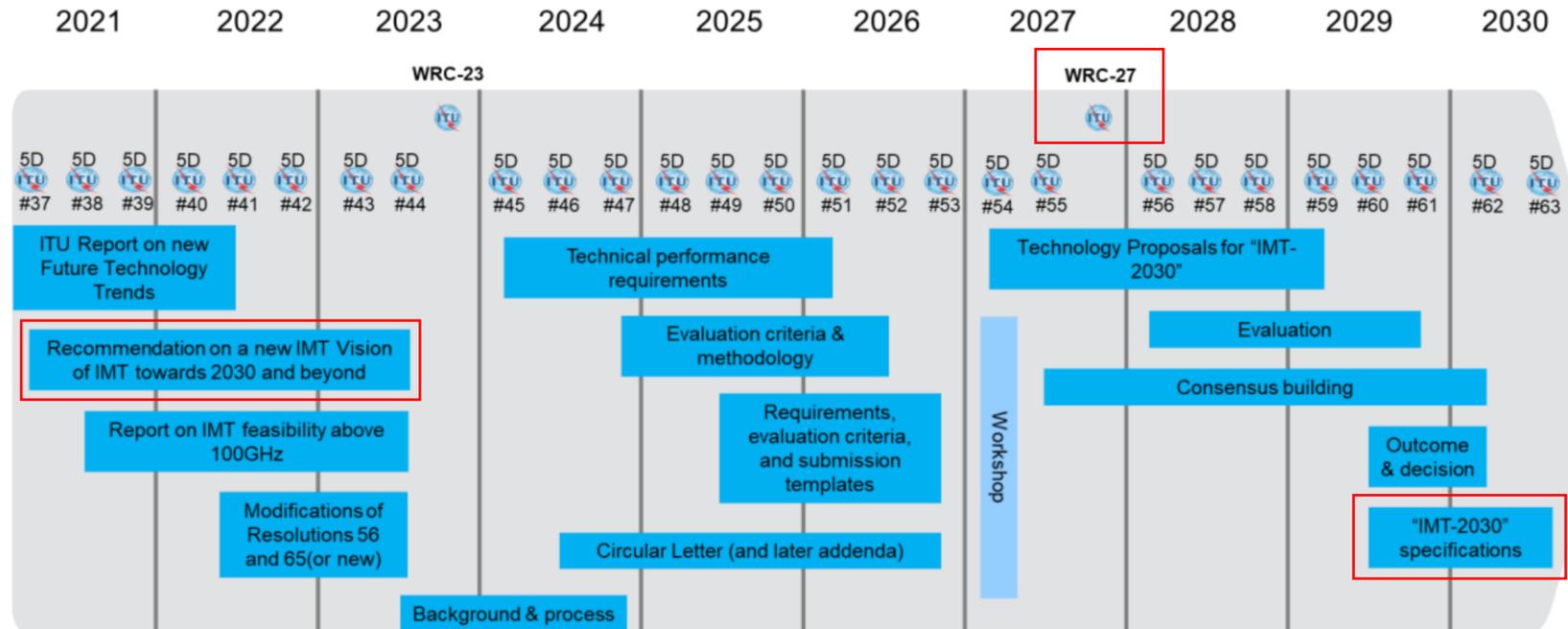
# ITU IMT-2030 (6G) Timeline

Discussion on IMT-2030 standardization started at WP 5D under ITU-R

6G framework recommendation was developed in June 2023

6G spectrum will be decided in Dec. 2027, and 6G standard approval is expected in June 2030

## WP 5D IMT-2030 Standardization Timeline



Note 1: Meeting 5D#59 will additionally organize a workshop involving the Proponents and registered IEGs to support the evaluation process

Note 2: While not expected to change, details may be adjusted if warranted. Content of deliverables to be defined by responsible WP 5D groups

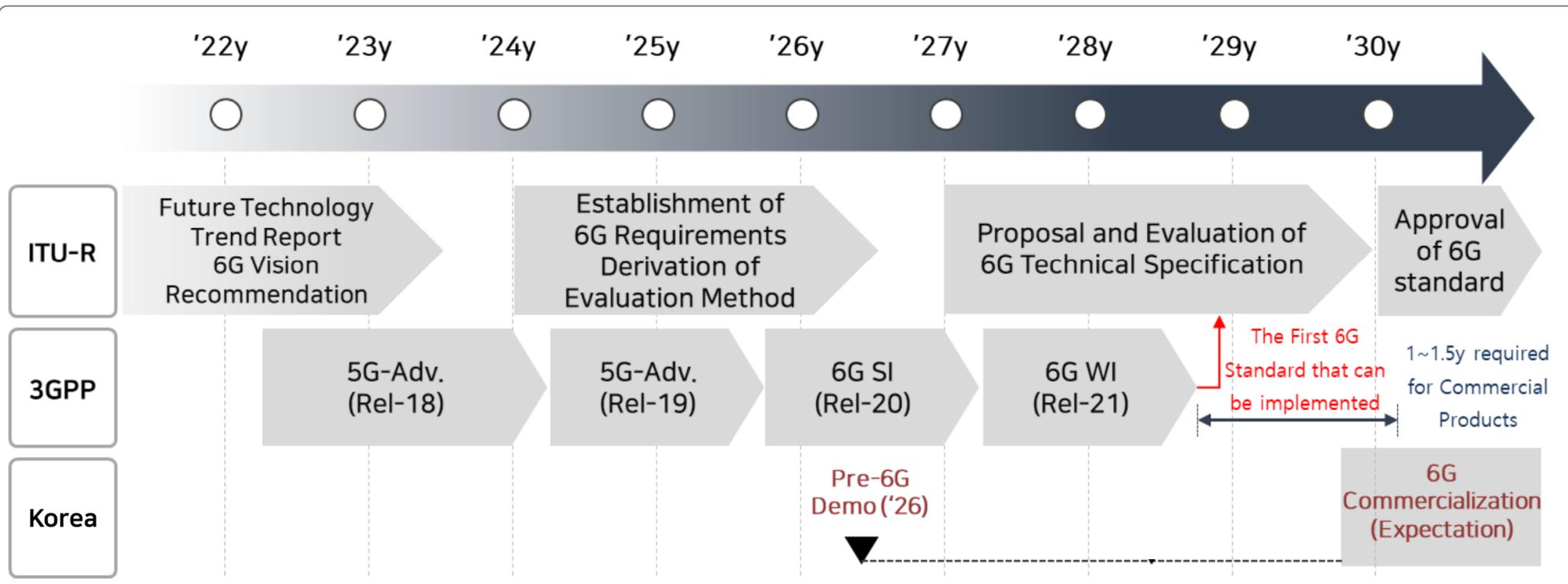
# 6G Timeline in 3GPP

**Assuming each release with 18-month duration,  
Rel-21 can be submitted to ITU-R for initial 6G spec. until Dec. 2028 (incl. 3-month margin)**

- No vertical fragmentation : harmonized 6G ecosystem
- No horizontal fragmentation : no separate drops (early/main/late)



Global Standard  
(e.g., 3GPP Rel-21)



# Conclusion

- Proposal 1** Assuming each release with 18-month duration, Rel-21 can be submitted to ITU-R for initial 6G spec. until Dec. 2028 (incl. 3-month margin)
- Proposal 2** No vertical fragmentation : harmonized 6G ecosystem
- Proposal 3** No horizontal fragmentation : no separate drops (early/main/late)



Global Standard  
(e.g., 3GPP Rel-21)

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