



LGE's View on 6G Timeline and IMT-2030 Submission Planning

Agenda: 7.4 Release 20 and later Planning

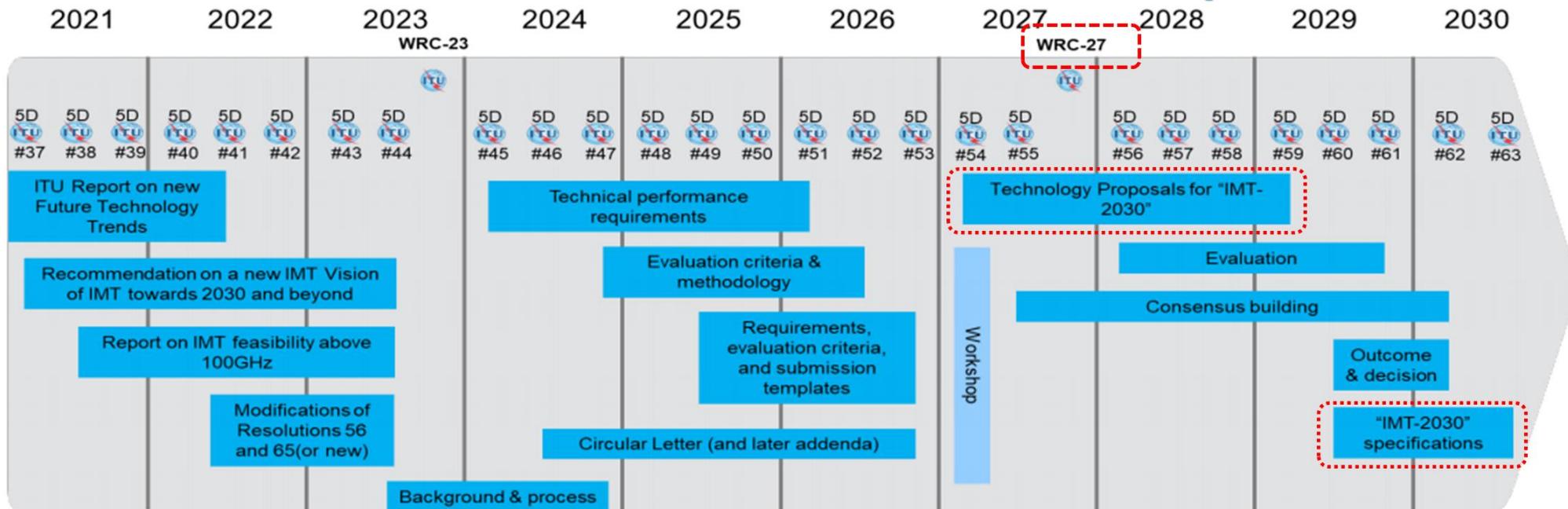
LG Electronics



Background: ITU-R Timeline

Major milestone in ITU-R timeline for IMT-2030 (within red dotted box)

- 6G spectrum will be decided in WRC-27
- Technical proposal submission window ('27.2~'29.2)
- Final IMT-2030 specification approval in '30.06





LGE's view on 3GPP 6G Timeline (1/2)

With our preferred **duration of 18-months** for R20/21/22, the key milestones for 6G in 3GPP are proposed as follows;

- R20: Initial study phase for 6G (which expands towards R21)
 - 3Q 2024: approval of stage 1 study item(s)
(Expected Stage 1 workshop: May 2024, Initial discussion on SA1 6G study proposal(s): 2Q 2024)
 - **4Q 2024 or 1Q 2025: 6G workshop in 3GPP**
 - Stage 2 freezing: June 2026
 - Stage 3 freezing: March 2027
- R21: Initial 6G normative work(with a set of basic features)
 - Stage 2 freezing: December 2027
 - Stage 3 freezing: September 2028
 - **First 6G proposal to be submitted to ITU-R**
- R22: 2nd 6G normative work(with a set of enhanced features)
 - Stage 2 freezing: June 2029
 - Stage 3 freezing: March 2030

No multiple drops within one release (Early/Main/Late)

- This is a lesson learned from the 5G standardization and commercialization



LGE's view on 3GPP 6G Timeline (2/2)

The 3GPP timeline should facilitate early commercialization of 6G around early '29 and beyond, ensuring alignment with the IMT-2030 schedule (at the same time)

