

LGE's view on R18 features

LG Electronics

LGE's general view for R18



R18 Schedule

- 18 months is basic assumption
- Open for further discussion on longer period (e.g. 21 months) depending on industry needs

Areas of further evolution for 5G-Advanced

- Further system enhancement to support more diverse vertical applications
- Coverage enhancement and QoE enhancement

Playing role for next generation

- Playing role of stepping stone to next generation communication system (a.k.a. 6G)

Ensuring balance

- between shorter term commercial requirements and longer term market potential
- between “continuation” and “new area”

LGE's priority items for R18 (1/2)



Further system enhancement to support more diverse vertical applications

- Network Slicing
- NPN (Non-Public Networks)
- Edge Computing
- Timing Resiliency and TSC&URLLC
- MBS (Multicast-broadcast service)
- UAS (Uncrewed Aerial Systems)
- Sidelink positioning/Ranging
- UE policy

❖ NOTE: The items are selected among SA2 proposals for Rel 18 study.

❖ NOTE: The objectives of each item need to be still discussed.

LGE's priority items for R18 (2/2)

- 📶 **Coverage enhancement and QoE enhancement**
 - ProSe
 - VMR (Vehicle Mounted Relays)
 - NTN (Non-Terrestrial Networks)
 - Personal IoT/Residential Networks

- 📶 **Stepping stone towards next generation communication system (a.k.a. 6G)**
 - Support of AI/ML-based Services
 - Support of XR/Media services