



KMA Report on the Status of Current and Future Satellite

Presented to CGMS-49 Plenary

Geo-KOMPSAT-2 Status

- GK2A has been operational since July 2019.
- COMS meteorological mission ended since April 2020.
- KMA started the international service for NMHSs in GK2A coverage area to request-based rapid scan Target Area observation in February 2021 (1,000 x 1,000 km every 2 minutes)
- GK2B has been operation but L1B data will be available in 2nd half of 2021.
- KMA is executing the feasibility study to prepare for the follow-on of GK2A meteorological mission in 2021.



GOCI-II: Geo. Ocean Color Imager-II

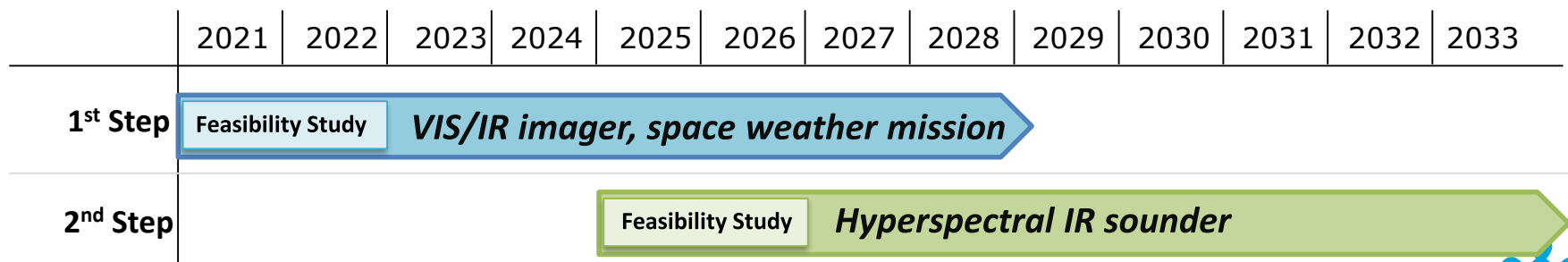
GEMS: Geo. Environmental Monitoring Spectrometer

KMA follow-on GEO program

The plan of **follow-on Geo-KOMPSAT-2A satellite program**

- To continue GEO satellite program based on CGMS baseline and WIGOS vision 2040
 - E.g., VIS/IR Imager, hyperspectral sounder, space weather mission
- To introduce the two-track strategy; first Imager and second is Hyperspectral sounder
 - Each satellite program needs “special feasibility test” to be approved as the official satellite program
 - Need impact studies on KMA weather forecast services with hyperspectral IR sounder after approval of ‘VIS/IR imager program’

Follow-on GEO program schedule



Thank you

