

# Update on SCOPE-Nowcasting Pilot Project 1

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# Overview

- Basic Nowcasting
- For WMO Region II and Region V

# User requirements

- VIS/IR imagery, 10 min. latency
- RGB composites, 10 min. latency
- Cloud masks and products, 10 min. latency

# Product generation and distribution

- Basic imagery
  - VIS band, IR window band, WV band
  - 10 min. interval
  - HRIT/LRIT files via commercial satellite, Himawari standard data and graphic image files via internet
- RGB composites
  - Conforming to WMO recipes
    - <http://www.wmo.int/pages/prog/sat/meetings/RGB-WS-2012.php>
  - 10 min. interval
  - Graphic images on the website
- Heavy Rainfall Potential Areas
  - 10 min. interval
  - Graphic images on the website

# Scope for harmonization with other providers

- Common formats
  - Graphic image : PNG
  - Data : HRIT file, NetCDF
- Customized areas for low band width users
  - South east Asia, South west Pacific (support for SWFDP)
- Common kinds
  - Basic imagery - VIS, IR window band, WV band
  - RGB composites - Conforming to EUMETSAT recipes

# Institutional commitments for sustained product generation

JMA/MSC plans to provide RGB composites on the web site based on WMO recipes ([https://mscweb.kishou.go.jp/sat\\_dat/index.htm](https://mscweb.kishou.go.jp/sat_dat/index.htm)) for SWFDP with Himawari-8/9 (and with MTSAT : "Night Microphysics RGB" composite).