

14p.04

# JMA and JAXA



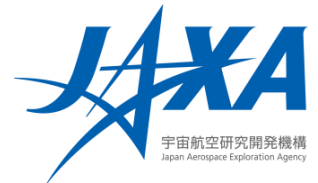
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2: JAXA (Japan Aerospace Exploration Agency)





## ■ Himawari-8

- Launched on 7 Oct 2014 and started the operation on 7 July 2015
- **AHI** (Advanced Himawari Imager) performs very well
  - 16 bands,  
2km(IR), 2/1(NIR), 1/0.5km(VIS),  
10min(full disk)/2.5min(Japan and target areas)/0.5min (landmark)
- Some updates has been made on calibration/navigation
  - The latest update is on 25 Jul 2017

## ■ Himawari-9

- Launched on 2 Nov 2016 and is under stand-by status
- Start the operation in 2022
- Validation shows a very good agreement with Himawari-8/AHI at most bands

## ■ Current operation

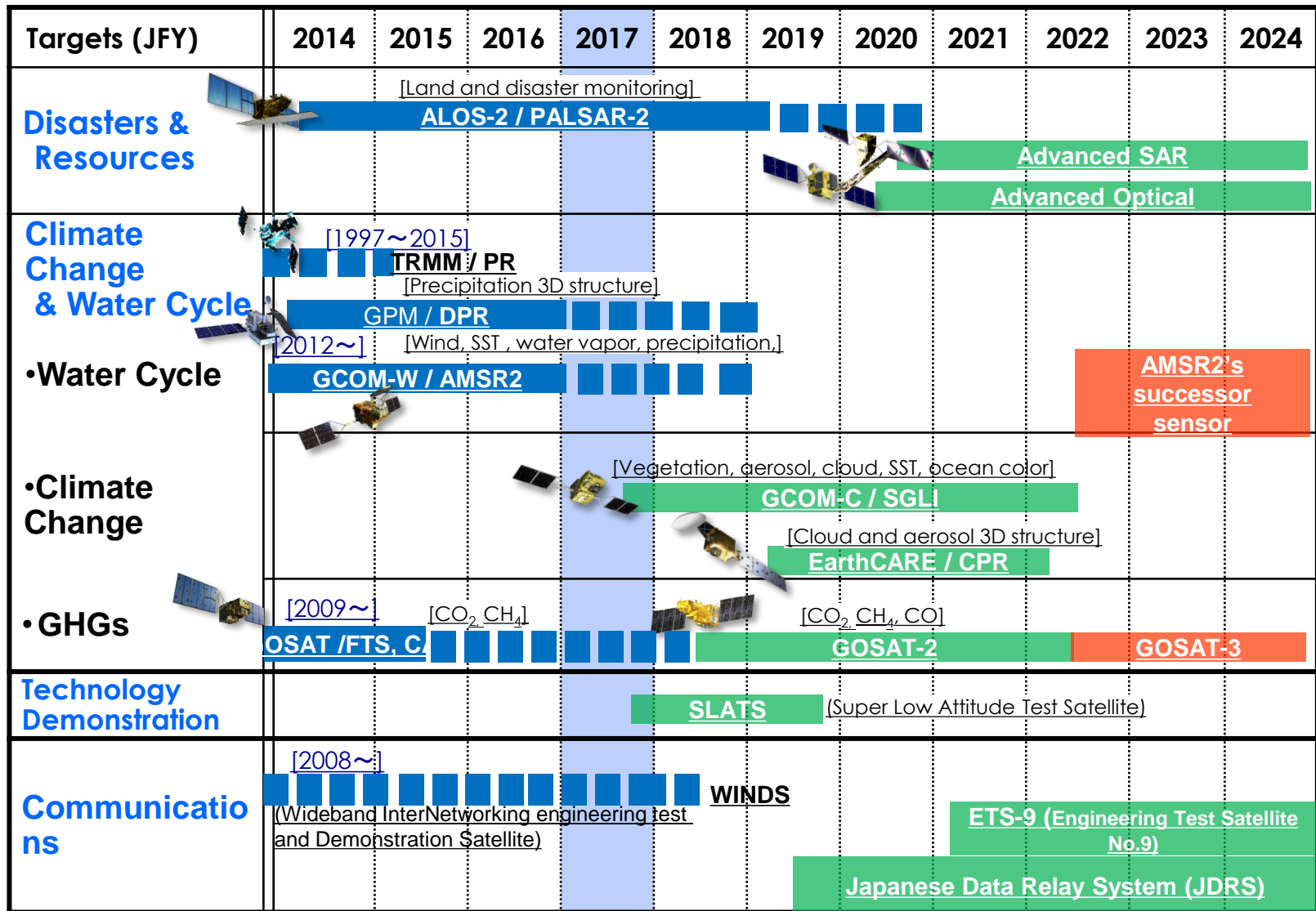
- **DPR** on **GPM Core**: Dual-frequency Precipitation Radar (KuPR + KaPR), Feb 2014~
- **GOSAT** : **FTS** for GHG (CO<sub>2</sub> & CH<sub>4</sub>), Jan 2009~
- **AMSR2** on **GCOM-W** : Microwave imager, May 2012~
- **PALSAR2** on **ALOS2** : SAR for monitoring environment, disaster and resource, May 2014~

## ■ Plans

- **SGLI** on **GCOM-C** (23 Dec. 2017): Multi-ch optical imager for monitoring radiation budget and carbon cycle
- **TANSO-FTS-2** & **TANSO-CAI-2** on **GOSAT2** (2018) : FTS & imager for CO<sub>2</sub>,CH<sub>4</sub>,CO
- **CPR** on EarthCARE (2019) : Doppler cloud radar

## ■ Start discussion of AMSR2 follow-on

# Schedule of JAXA Satellites



Mission status: ■ On orbit ( ■ ■ ■ Extended Life Period ) ■ Development ■ Study