

Update on MSG and EPS Programme

Meteosat-6 Re-orbited April 2011 17+ years of service Meteosat-7 IODC service, potential until end 2016 ->20 yrs!



Meteosat-8 (MSG-1 backup and rapid scan)
Meteosat-9 (MSG-2 primary 0° service)
Launch of MSG-3 in the June / August 2012 timeframe

Metop-A fully operational Launch of Metop-B satellite in April 2012



Update on Meteosat Third Generation Programme

The main focus for MTG are Nowcasting and Numerical Weather Prediction. Five missions have been approved:

- High Resolution Fast Imagery (HRFI) 5' (Europe)
- Full Disk High Spectral Imagery (FDHSI) 10'
- Infrared Sounding (IRS) 30-60' (regional/full disk)
- Lightning Imagery (LI) continuous ~full disk
- UV-VIS Sounding (UVS) 30-60', (30°-65°N, 30°W-45°E

The programme will consist of 4 Imaging Satellites (MTG-I) and 2 Sounding Satellites (MTG-S).

MTG-S will embark the GMES Sentinel-4 Mission (GEO Air Quality)

The need date is 2018. Operations are planned for 20 - 25 years.

The programme entered into force on 25 February 2011.

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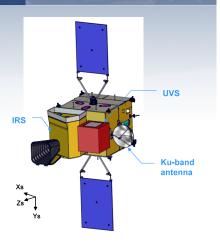
MTG-I Imaging Satellite

The payload complement of the MTG-I satellite consists of:

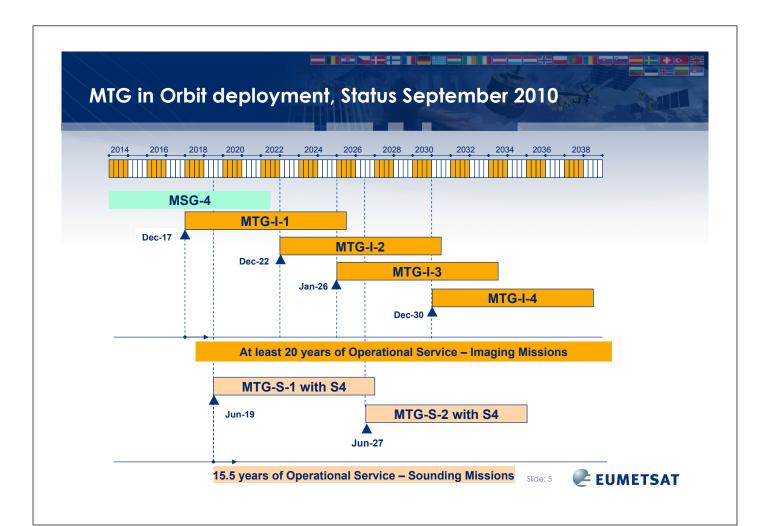
the Flexible Combined Imager (FCI) the Lightning Imager (LI) the Data Collection System (DCS) and Search and Rescue (GEOSAR)

The payload complement of the MTG-S satellite consists of:

the Infrared Sounder (IRS) the Ultra-violet, Visible and Near Infrared Sounder (UVN). UVN is provided as GMES Sentinel 4 Instruments



MTG-S Sounding Satellite



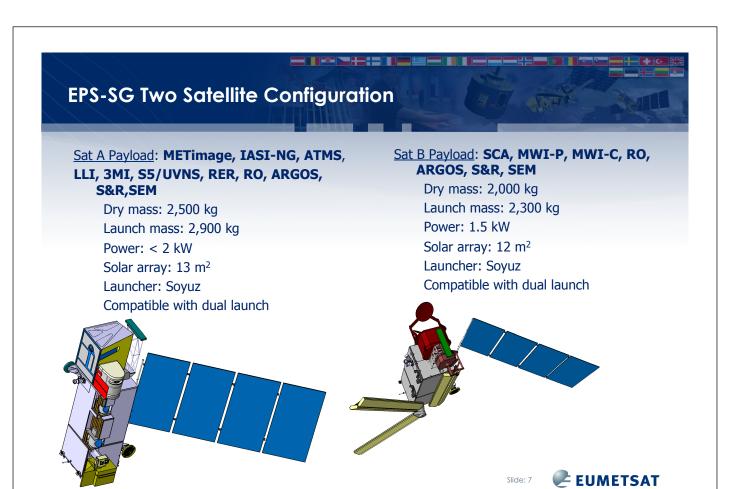


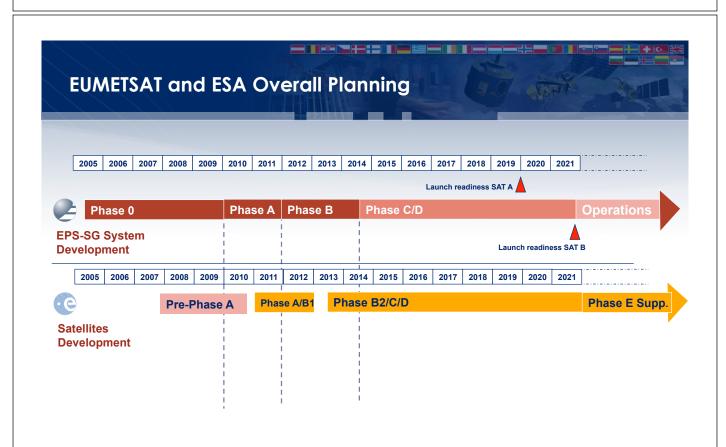
EPS-SG will embark the GMES Sentinel-5 Mission.

Approval is planned in the 2014 timeframe.

The need date is 2019/2020 and 20 years of operations are planned.

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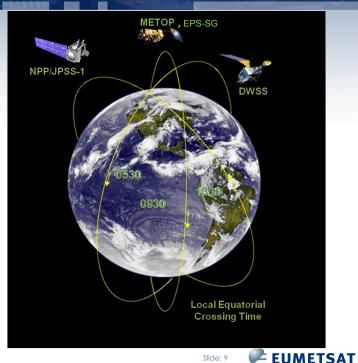




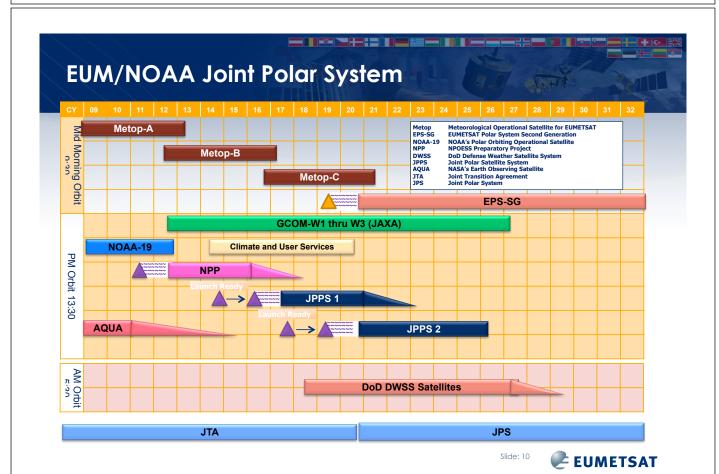
EPS SG is part of the JPS Agreement with NOAA

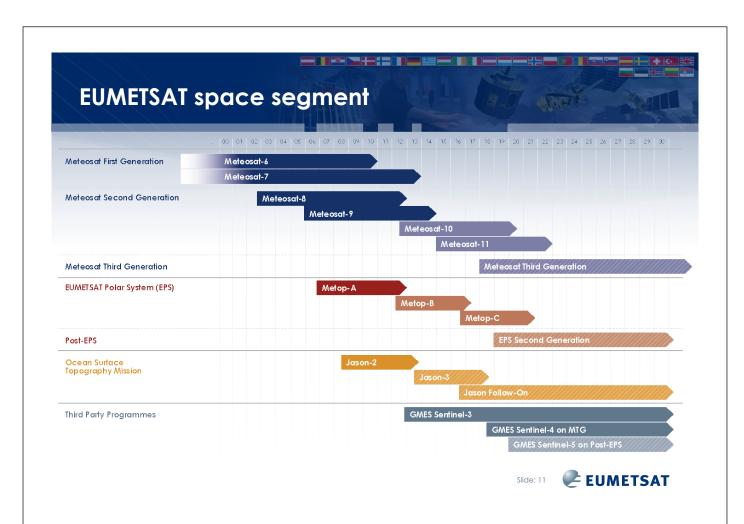
EUMETSAT - NOAA Joint Polar system includes:

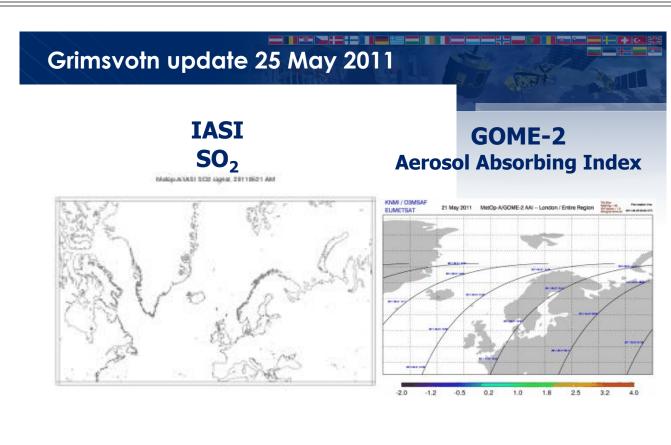
- NOAA JPSS-2, JPSS-.....
- **EUMETSAT EPS-SG**
- Access to DWSS data
- Access to foreign Satellite Data



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