



# Satellite Programme Updates From Participating Agencies

Seventh Session of the Expert Team on Satellite  
Systems (ET-SAT 7)  
17-19 April 2012  
WMO HQ, Geneva



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- **Meteosat**
  - First generation
  - Second generation
  - Third generation
- **EUMETSAT Polar System**
  - EPS
  - EPS-SG
- **Ocean Surface Topography**
- **Satellite Application Facility Network**



# Operational satellites

- **Meteosat**

- First generation
- Second generation

57.5° IODC	MET-7	✓
0° Service	MET-9	✓
9.5° RSS	MET-8	✓

- **EUMETSAT Polar System**

- EPS

GDS-Metop	Metop-A	✓
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- **Ocean Surface Topography**

OSTM	Jason-2	✓
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# Launches (1)

- **Meteosat**
  - Second generation

**MSG-3 / MET-10 launch prepared for 19 June 2012**

MSG-4 / MET-11 launch planned for January 2015 (in-orbit storage when needed)





# Launches (2)

- **EUMETSAT Polar System**
  - EPS

**Metop-B launch prepared for 23 May 2012**





# Future programmes

- **Meteosat**
  - Third generation
  
- **EUMETSAT Polar System**
  - EPS-SG

**Successful System Preliminary Design Review in June 2011**

**GS PDR and Satellite PDR through 04-06 2012**  
**First launch planned for 2018**

**Programme Proposal approved by 73<sup>rd</sup> Council**  
**Payload complement approved by 75<sup>th</sup> Council**

**Successful System Preliminary Requirements Review in March/April 2012**

**Satellite PRR through 03-05 2012**

**First launch planned for 2020**

Satellite-A Missions	Instrument (and Provider)	Predecessor on Metop	Satellite-B Missions	Instrument (and Provider)	Predecessor on Metop
Infrared Atmospheric Sounding (IAS)	IASI-NG (CNES)	IASI (CNES)	Scatterometer (SCA)	SCA (ESA)	ASCAT
Microwave Sounding (MWS)	MWS (ESA)	AMSU-A (NOAA) MHS (EUM)	Radio Occultation (RO)	RO #2 (ESA)	GRAS (ESA)
Visible-infrared Imaging (VII)	METImage (DLR)	AVHRR (NOAA)	Microwave Imaging for Precipitation (MWI)	MWI (ESA)	-/-
Radio Occultation (RO)	RO (ESA)	GRAS (ESA)	Ice Cloud Imaging (ICI)	ICI (ESA)	-/-
UV/VIS/NIR/SWIR Sounding (UVNS)	Sentinel-5 (GMES, ESA)	GOME-2 (ESA)	<i>Other equipment</i>		
Multi-viewing, -channel, -polarisation Imaging (3MI)	3MI (ESA)	-/-	Advanced Data Collection System (ADCS)	Argos-4 (CNES)	A-DCS



# Satellite Application Facility Network

- All 8 SAFS concluded their first Continuous Development and Operations Phase (CDOP-1)
- CDOP-2 started in March 2012, following Council approval in June 2011

<b>SAF</b>	<b>NWC</b>	<b>OSI</b>	<b>O3M</b>	<b>CM</b>	<b>NWP</b>	<b>GRAS</b>	<b>LSA</b>	<b>H</b>
<b>Number of registered users</b>	<b>96</b>	<b>638</b>	<b>82</b>	<b>447</b>	<b>1692</b>	<b>245</b>	<b>1052</b>	<b>24</b>

*Table 1 - Number of Registered Users per SAF as per April 2012*



# Overview - EUMETSAT space segment

