



The Coordination Group on Meteorological Satellites (CGMS)

**Piero Valabrega, CGMS Secretariat
EUMETSAT**

- **Founded in 1972 by NOAA, JMA and ESRO**
- **15 Members as of 2006 (CMA, CNES, CNSA, ESA, EUMETSAT, IMD, IOC/UNESCO, JAXA, JMA, KMA, NASA, NOAA, ROSCOSMOS, ROSHYDROMET, WMO)**
- **EUMETSAT joined in 1987 and is currently serving as the CGMS Secretariat**

CGMS Objectives



- **Exchange of technical information on geostationary and polar-orbiting meteorological satellite systems as well as research and development missions**
- **Harmonisation of meteorological satellite mission parameters**
- **Encouragement to complementarity, compatibility and possible mutual back-up in the event of system failure**



- **Annual Plenary Meetings**
- **Four Working Groups**
 - **Telecommunications,**
 - **Satellite Products, including Satellite Derived Winds,**
 - **Contingency Planning,**
 - **Integrated Strategy for Data Dissemination from Meteorological Satellites**
- **Actions and Recommendations → Annual Report**

CGMS Focus on Fires



- **32nd CGMS Meeting (2004), Action 32.18**
 - CGMS Members with satellites that have the capability of detecting fires should develop near real time products for distribution to WMO Members. This activity should be coordinated by the WMO Space Programme in conjunction with the Expert Team on Satellite System Utilisation and Products (ET-SSUP).
 - CGMS Members to report on their capability and plans for fire products and their availability at CGMS-33.

CGMS Focus on Fires



- **33rd CGMS Meeting (2005), Action 33.18**
 - The fire papers [*presented by ESA, EUMETSAT, CMA and NOAA in the WG on Satellite Products, under the agenda item on Fire Related Parameters*] prompted CGMS to recommend that the WMO Space Programme Office create a web site posting all the links to real time fire detection data.
- **Recommendation 33.06**
 - CGMS Members are encouraged to provide the location of their web sites on real time fire detection to the WMO.

CGMS Focus on Fires



- **34th CGMS Meeting (2006)**
 - **Action 33.18 remains open**
(...) CGMS to recommend that the WMO Space Programme Office create a web site posting all the links to real time fire detection data.
 - Two working papers presented by EUMETSAT and NOAA in the WG on Satellite Products.



GEONETCast

Sally Wannop, Piero Valabrega
EUMETSAT



- **GEONETCast Key Features**
 - **Global satellite-based data dissemination system of the Global Earth Observation System of Systems (GEOSS)**
 - **Secure delivery of data files to targeted audience**
 - **Scalable to cover large and small volumes of data**
 - **Global coverage**
 - **Low-cost, user-friendly satellite receiving equipment**
 - **Delivery of a wide range of environmental data/products**

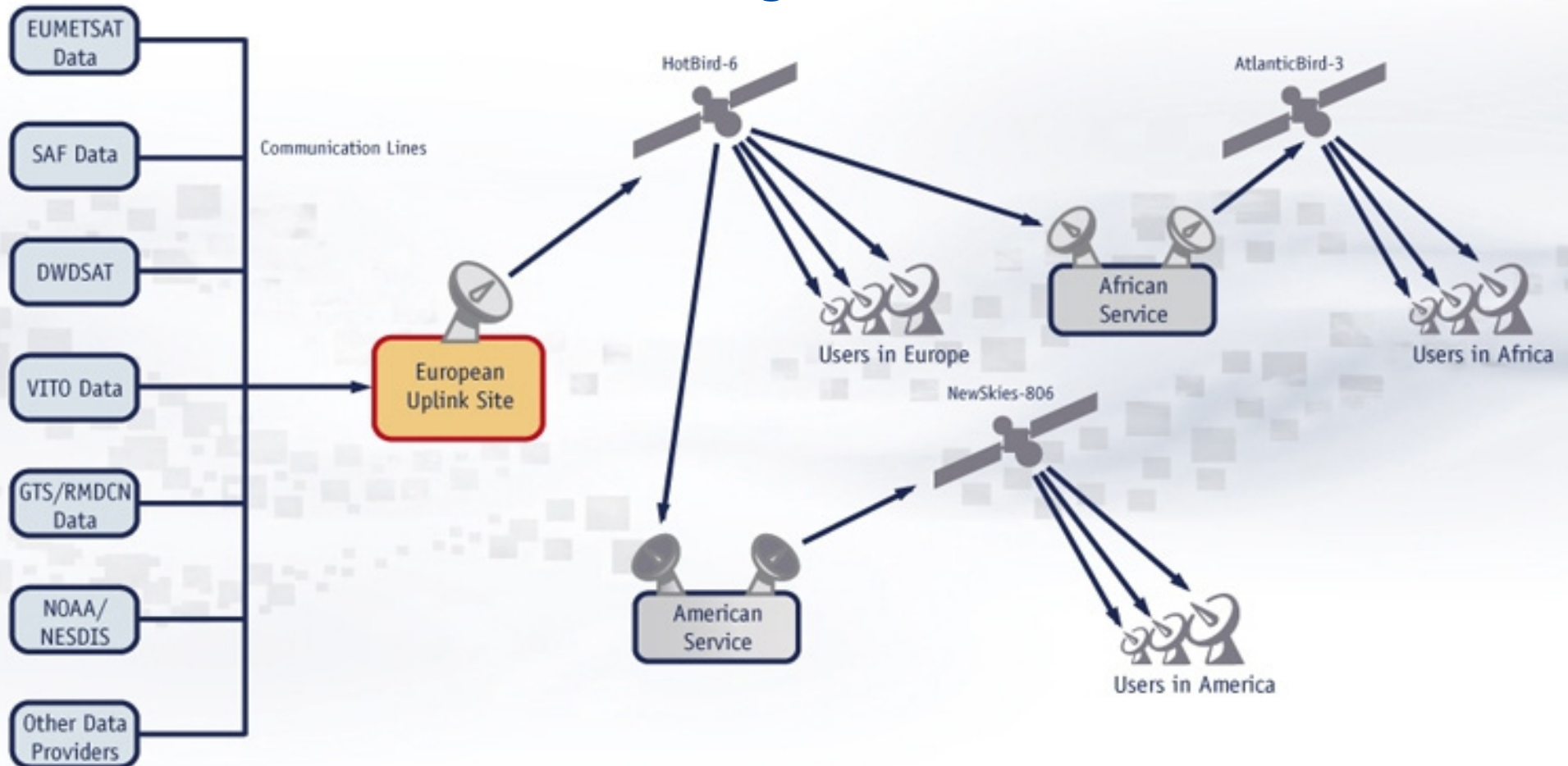


GEONETCast Implementation Group

- **Membership (NOAA, CMA, WMO, EUMETSAT)**
- **Current activities**
 - **Expanding the coverage of GEONETCast in the Asia-Pacific region**
 - **Increasing available products and data, e.g.**
 - **Land – vegetation coverage and fire monitoring products,**
 - **Marine – ocean topography**

EUMETCast EUMETSAT's contribution to GEONETCast

EUMETCast Configuration Overview



GEONETCast Coverage Map - EUMETCast and FengYunCast

Status as of November 2006

