



Ministry of Science
and Higher Education

Republic of Poland

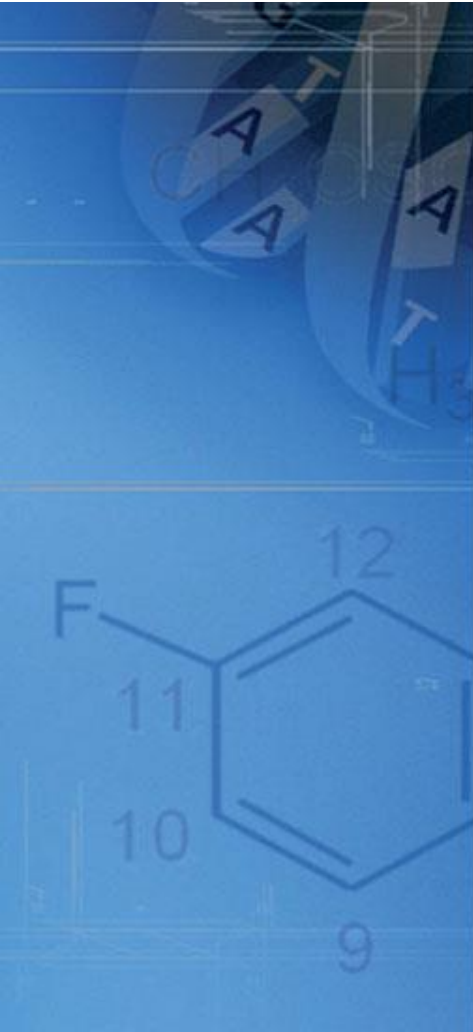
Sentinels data access in Poland

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Ministry of Science and Higher Education



Aim for Ministry of Science and Higher Education in 2016/17

**to ensure an access to Sentinels data for all
Polish entities**





Milestones

- Review of Polish entities,
- Selection of the national data operator,
- Organisation of infrastructure,
- Signing the agreement with ESA to become a participant of Collaborative Ground Segment

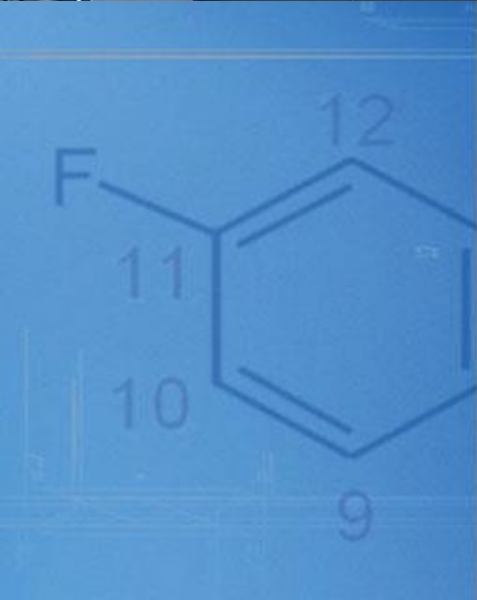


National data operator – Institute of Meteorology and Water Management in Cracow



Heritage:

- More than 50 years experience in remote sensing,
- National meteorological and hydrological service,
- Access and processing of data from all meteorological satellite systems,
- Cooperation with EUMETSAT.



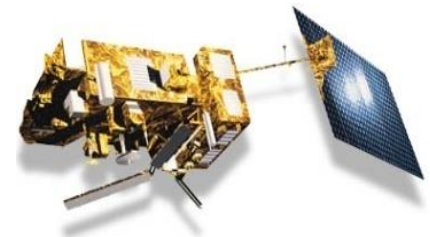


Meteorological satellites using in IMWM

- **GEO** – Meteosat 7,8,9,10, indirect: GOES-E, GOES-W, MTSAT-2, Himawari-8, FY-3



- **LEO** – NOAA, METOP-A&B, Suomi NPP, TERRA, AQUA, indirect: Jason-2, GCOM-W1, GPM





Current infrastructure

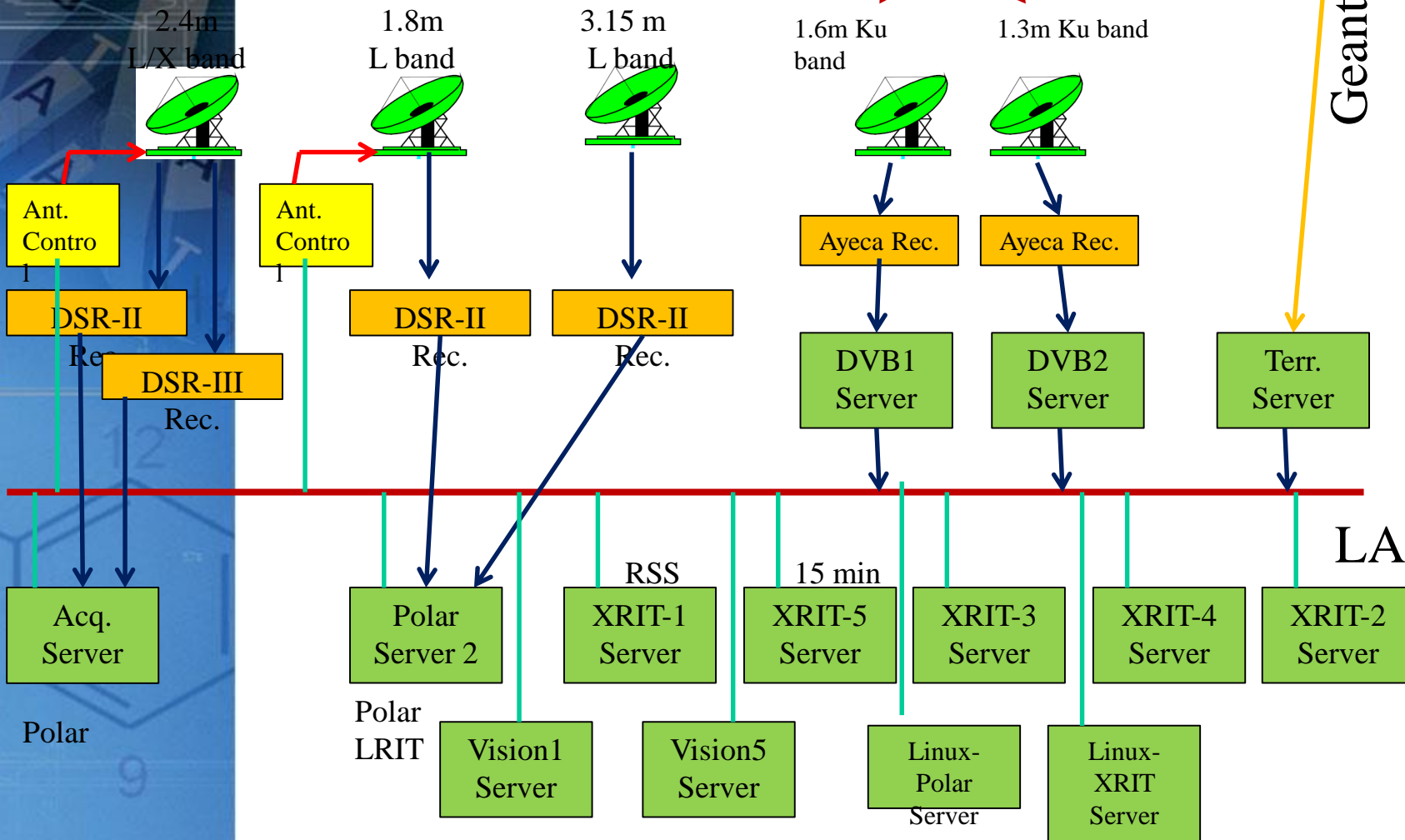
Terra, Aqua,
Suomi NPP,
NOAA,
Metop

NOAA,
Metop

Meteosat
LRIT

EUMETCast

EUMETCast
Terrestrial



Polar

Polar
LRIT

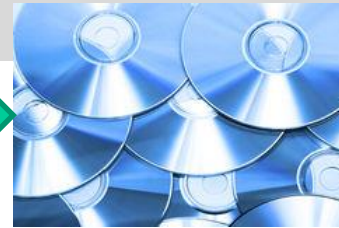
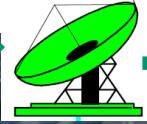
Geant

LA

New infrastructure

Data access
system

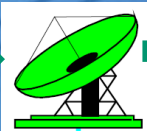
NOAA
Metop
Meteosat
Terra/Aqua



Modernisation of data
processing system

Sentinel/Copernicus
data access

Sentinel
1, 2, 3



Modern
archiving



Users portal



Public access to
information



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education





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Thank you for your attention

Several slides stem from Institute of Meteorology and Water Management

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