

# ENDORSE, at a glance

Measures and observations →



## 10 services



CUSTOMERS

*Pre-market  
downstream  
services in  
renewable  
energies*

# Ten partners

- Energy experts:
  - Transvalor (fr)
  - Flyby (it)
  - Hochschule ULM (de)
  - ENTPE (fr)
  - 3E (be)
  - JRC (it)
- Research centers:
  - ARMINES (fr)
  - DLR (de)
  - University of Genova (it)
- User interaction experts:
  - iCons (it)



# ENDORSE, at a glance

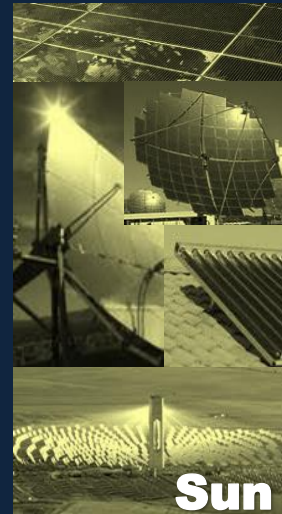
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# Earth Observation inputs

## GMES MACC products

Irradiance (HC3, SOLEMI)  
RAD cloud properties (APOLLO)  
Aerosols and TCWV  
AER (aerosol) forecast  
McClear (clear-sky)

## GMES space components

MSG (HRV, vis-2, thermal bands)  
MERIS (fPAR, NDVI, level1B)  
SPOT-4 and -5

## Other EO derived products

CORINE land cover (EEA)  
GlobCover (ESA)  
GeoLand (LAI)  
Eumetsat CLM  
SRTM -> TerraSAR DTM

## Meteo data

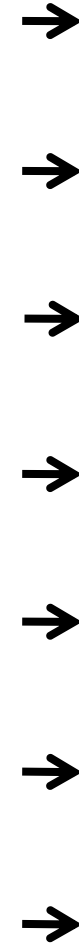
Numerical weather model  
Ground station measurements

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# 10 services

- S1: “Local Atlas Generation”
- S2: “Design CSPS”
- S3: “Irradiance Forecasts”
- S4: “Typical Meteorological Year”
- S5: “CSP GIS”
- S6: “Wind AEO”
- S7: “Load Balancing”
- S8: “Mapping Biomass Potential”
- S9: “Certification of Sustainable Bioenergy Use”
- S10: “Lighting Energy Savings”

SUN  
WIND  
LOAD  
BIOMASS  
BUILDINGS

# 5 services presented today

- S1: “Local Atlas Generation”
- S2: “Design CSPS”
- S4: “Typical Meteorological Year”
- S5: “CSP GIS”
- S7: “Load Balancing”

SUN

LOAD