

EUMETSAT climate services

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EUMeTrain event week on Heatwaves and Droughts May 2023





EUM/IM/TEM/21/1250538, v1B, 28 March 2022





The SAFs, EUMETSAT

OP/CDR/FCDR datasets Challenges of space based climate monitoring

Where to find/access EUMETSAT data

The Future

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EUMETSAT ...

Member States AUSTRIA BELGIUM CROATIA BULGARIA **CZECH REPUBLIC** DENMARK **ESTONIA** FINLAND FRANCE GERMANY GREECE HUNGARY ICELAND LATVIA IRELAND ITALY LITHUANIA LUXEMBOURG THE NETHERLANDS NORWAY SLOVAK REPUBLIC ROMANIA POLAND PORTUGAL _ SLOVENIA SPAIN SWEDEN SWITZERLAND C* TURKEY UNITED KINGDOM

opernicus

... is the intergovernmental organization for the exploitation of meteorological satellites



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www.eumetsat.int

The SAFs

- EUMETSAT has a network of different Satellite Application Facilities (SAFs)
- SAFs are dedicated centres of excellence for processing satellite data
 - research, development and operational activities
 - each SAF focusses on specific user communities or application areas



 Each SAF is a consortium of entities from EUMETSAT member states

slido

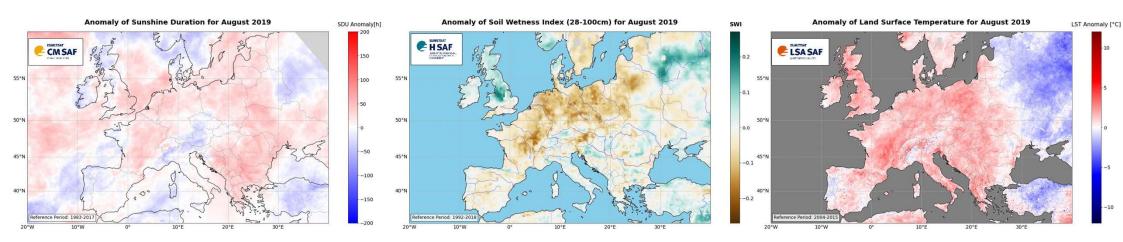
How many satellites are currently operated by EUMETSAT?

(i) Start presenting to display the poll results on this slide.

Current EUMETSAT satellites

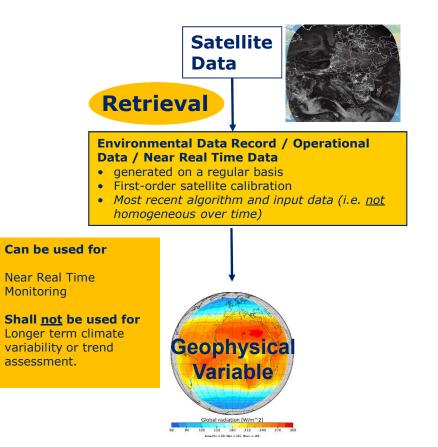


Heatwaves and droughts



Courtesy: Antonio Vecoli

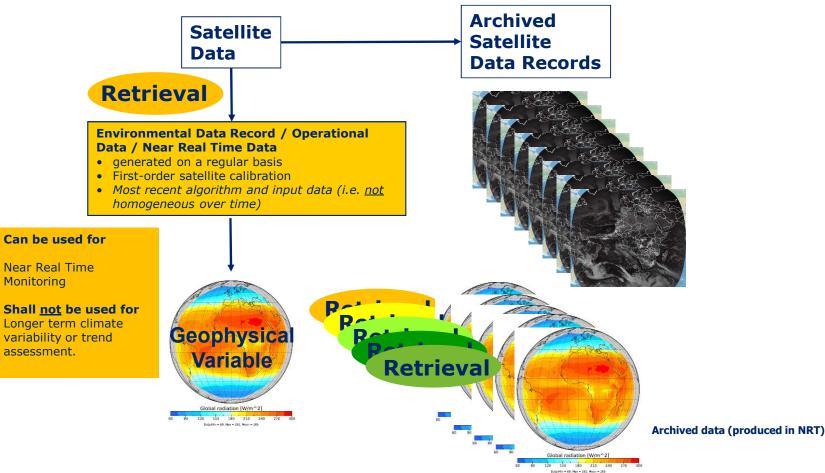
https://www.eumetsat.int/2018-and-2019-drought-and-heatwaves-europe



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Short and Intermediate Term



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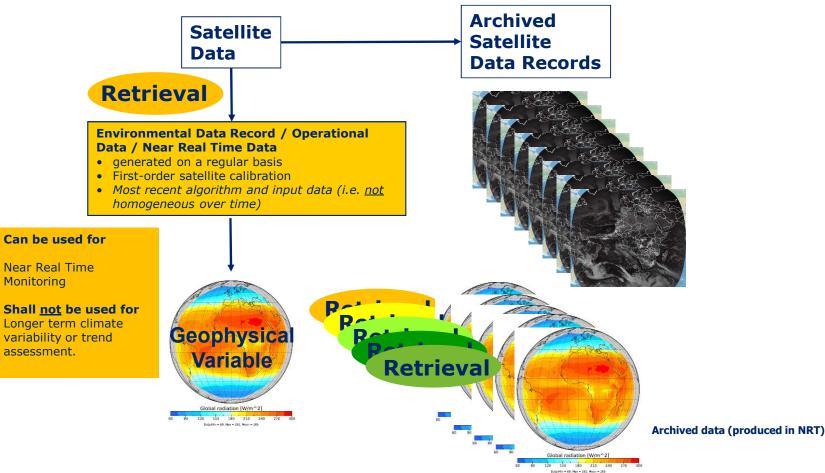
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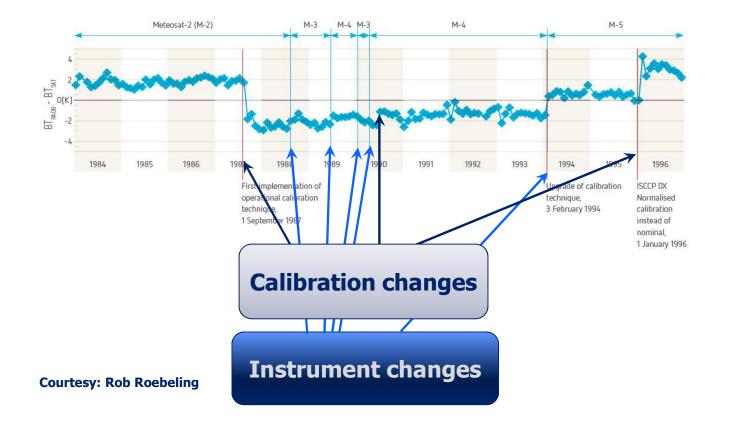
If you wanted to study an event in the past (eg: a Heatwave in Europe), and you had both operational archived data (produced in NRT) and CDR data sets available to you, which one would you choose for your study?

(i) Start presenting to display the poll results on this slide.

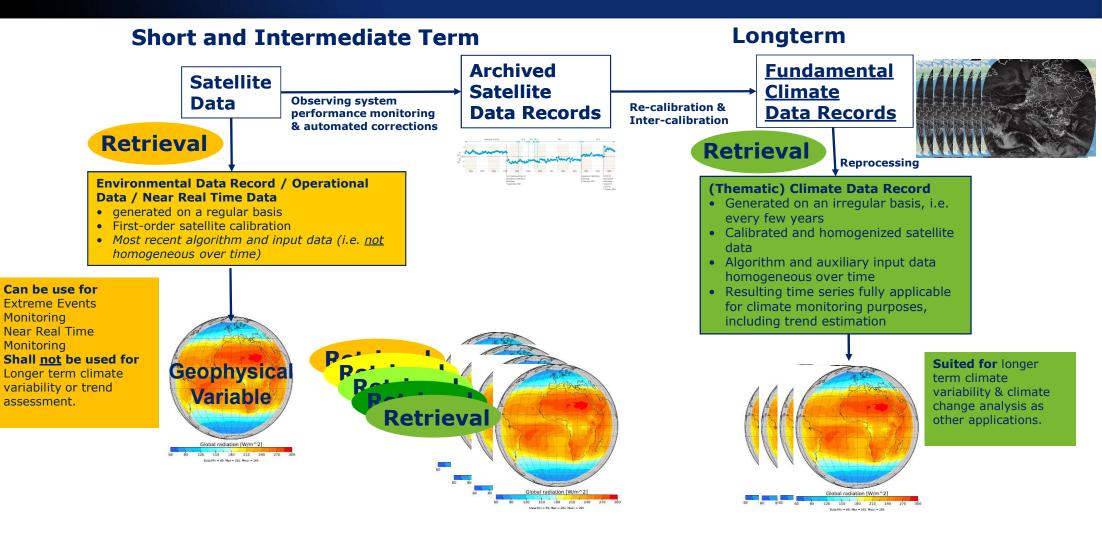
Short and Intermediate Term



Production of Climate Data Records

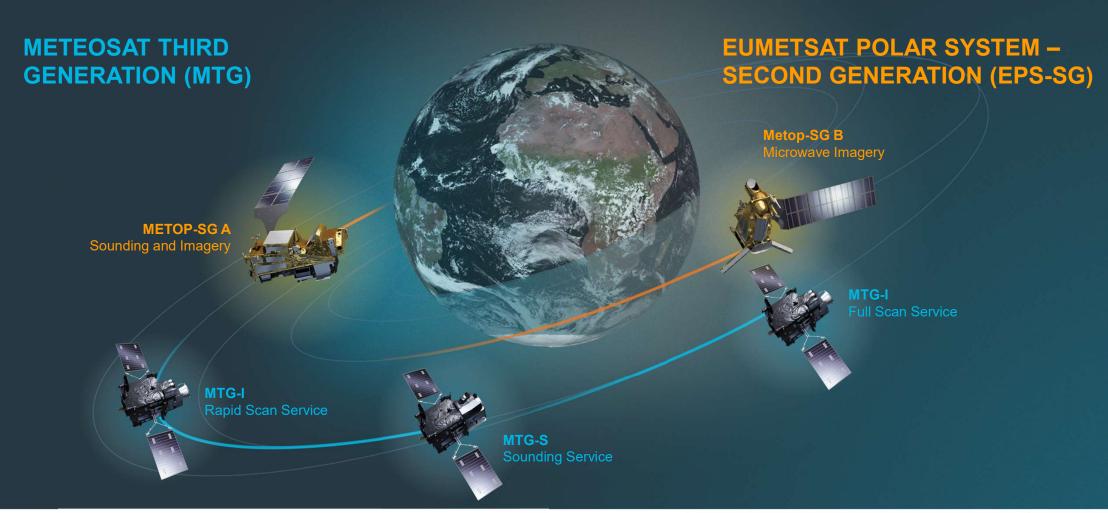






EUMETSAT

THE FUTURE



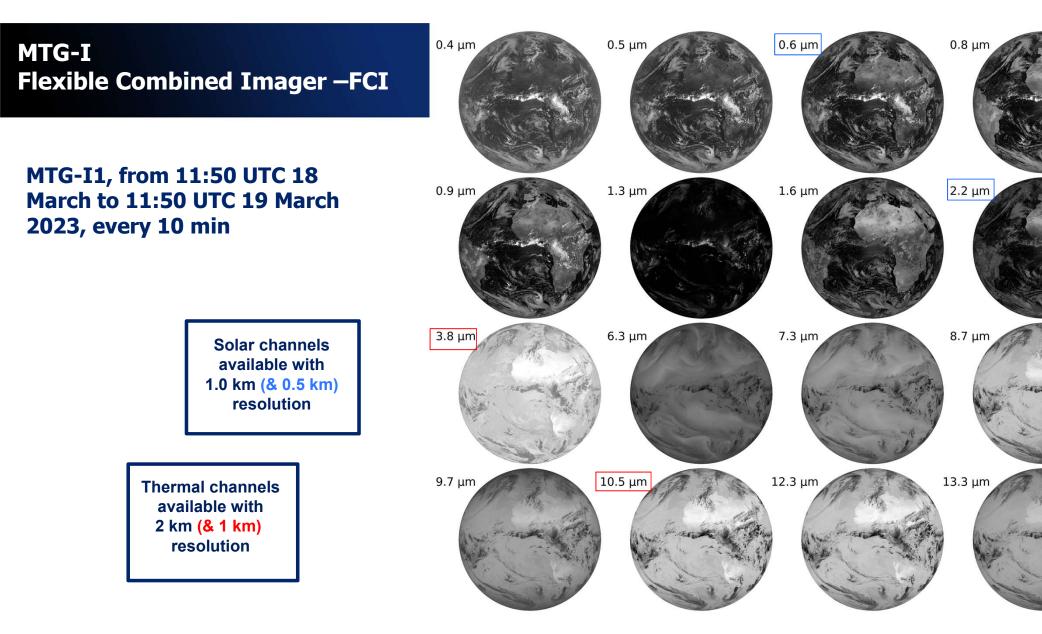


The Future

Continuity of the service provided & **Product/ Portfolio Evolution** according with user requirements and considering new data and instruments:

1) Ensure the continuity of a reliable near real time services

2) Provide homogeneous datasets for products – CDR's



EUMETSAT

Where to access EUMETSAT data

EUMETSAT product navigator

https://navigator.eumetsat.int/start



• Check also on each SAF webpage

http://lsa-saf.eumetsat.int; http://h-saf.eumetsat.int; http://osi-saf.eumetsat.int; http://nwc-saf.eumetsat.int; etc....



Contact helpdesk: ops@eumetsat.int

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Thank you! Questions are welcome.

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