



Meteosat Third Generation (MTG) User Readiness Preparations

Presented to CGMS-51 Plenary session, agenda item .4

Executive summary of the WP

The MTG User Preparation Project (MTGUP) is delivering on five themes to support users in their transition from MSG-based operational chains to MTG, and to leverage the innovation potential in enhanced or new products, mainly for nowcasting, NWP, and fire applications.

Since 2018, simulated MTG test datasets for user familiarisation have been published; product and user guidance released; data access using EUMETSAT data services upgraded; training testbeds for operational forecasters in EUMETSAT Member state NMHS fully started, with the goal of training 200-300 forecasters on MTG by 2025; and key R&D themes identified to fully untap the application potential of novel products.

Following the WMO/CGMS Guidelines on Best Practices for Achieving User Readiness for New Meteorological Satellites, readiness of the EUMETSAT Member states for MTG has been thoroughly analysed. For those lagging behind, dedicated trainings and technical assistance sessions started in 2022 and are ongoing through 2023-2024.

MTGUP is closely connected to the EUMETSAT Satellite Application Facility getting ready for MTG. With MTG-I1 in its commissioning phase, first images published and the pre-operational data release schedule available, the degree of user interest in MTG is rapidly increasing in EUMETSAT member states and beyond.



The User Preparation Project for MTG (MTGUP)

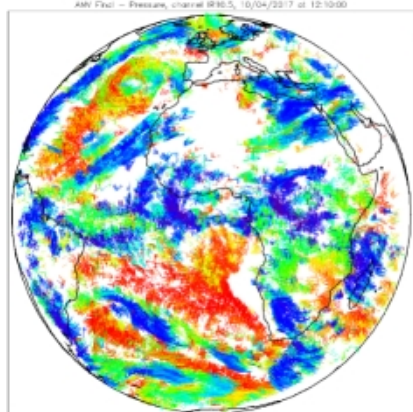
To support all 30 EUMETSAT Member States in

1. Achieving a smooth transition for all existing services based on MSG
2. Exploiting the innovation potential next-generation data for improved or new applications

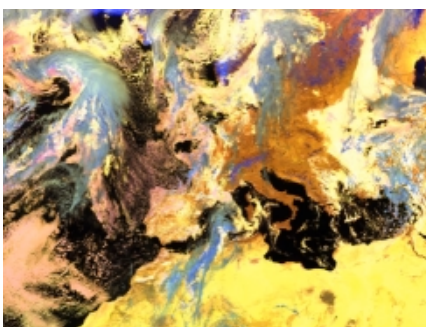


- Following the WMO/CGMS Guidelines on Best Practices for Achieving User Readiness for New Meteorological Satellites
- Five core themes: (i) Test Data and Format Support, (ii) Science support, (iii) Training, (iv) User Information and Communication, (v) Data Access
- Application cross-cutting, with current focus on Nowcasting, NWP, Fires
- Side benefits for MTG user preparation outside EUMETSAT membership (WMO RA I, RA VI; VLab)
- Synergy with EPS-SG User Preparation

MTGUP Activities



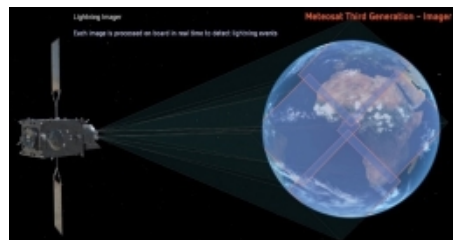
Test data



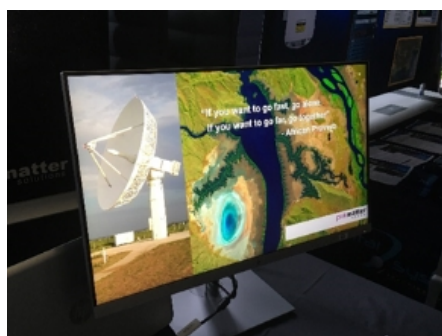
User guidance & MTG-I1 commissioning support



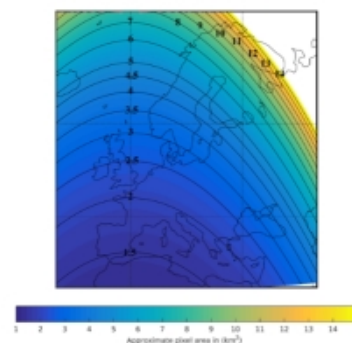
Training testbeds



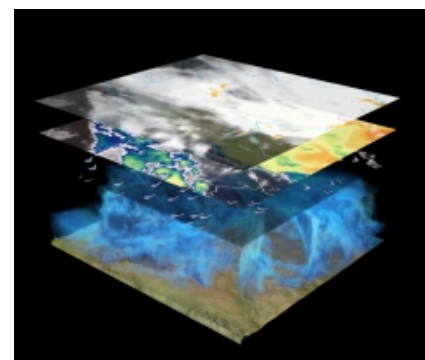
Observation mission videos



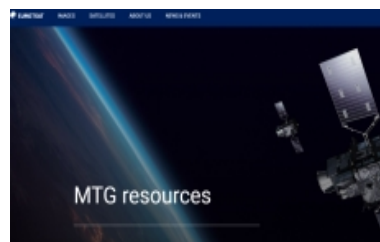
Data access and display



Product guidance



Science & R&D support

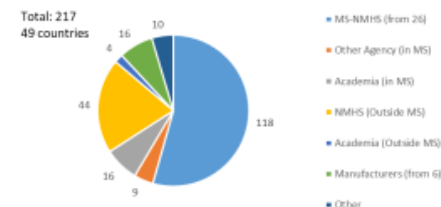


Website & User portal



MTG and EPS-SG User Days
MTGUP & NWP User Groups

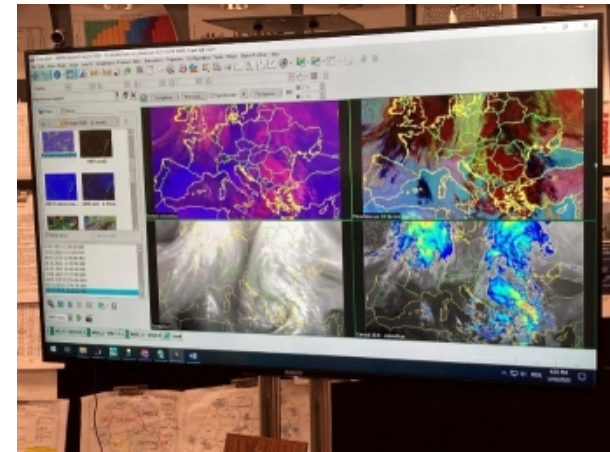
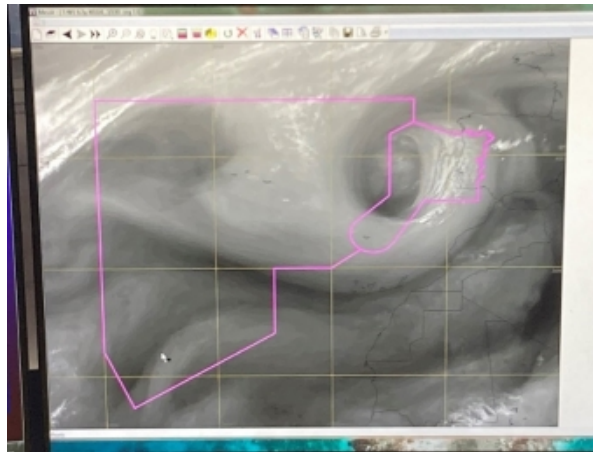
Participation: User Preparation Webinar on MTG Lightning imaging mission (Feb 2021)



User Preparation Webinars

MTGUP: Supporting NMHS in Member states

Targeted visits in 2022/2023



**Coordination Group for
Meteorological Satellites**

Add CGMS agency logo
here (in the slide master)

CGMS

To be considered by CGMS:

- For information.