2023 CEOS Plenary

Report from German Space Agency (DLR)

Committee on Earth Observation Satellites Klaus Schmidt, DLR Agenda Item 13.1 37th CEOS Plenary 15-16 November 2023 Chiang Rai, Thailand Hosted by GISTA

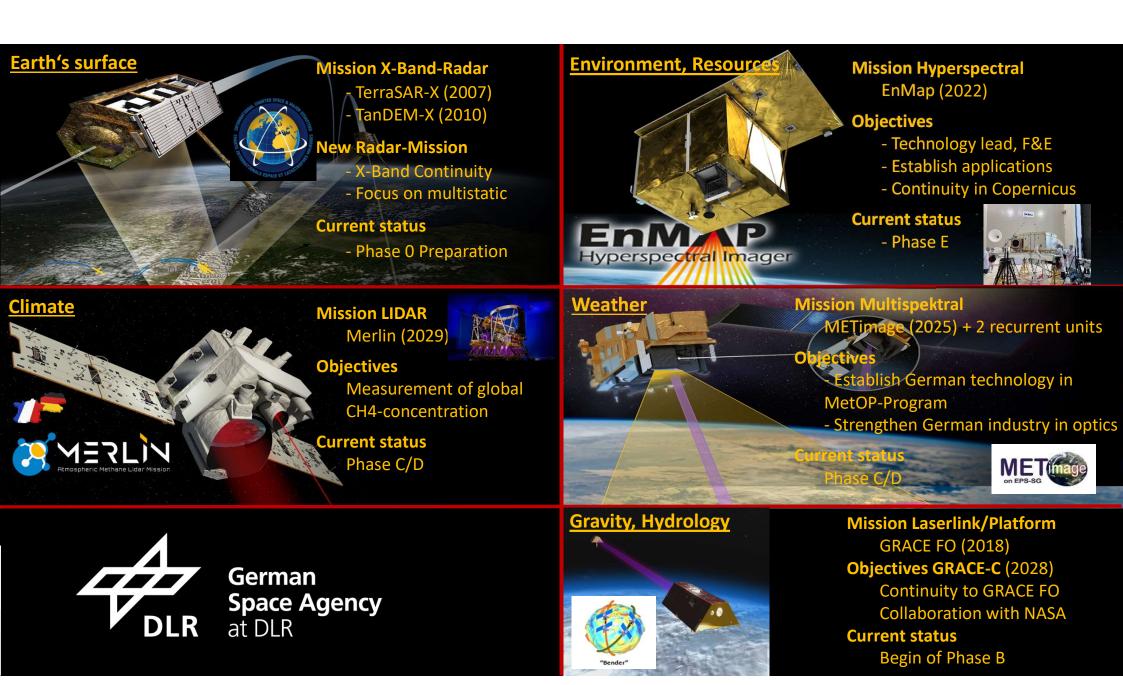
New German Federal Government's Space Strategy



Focus on

- European and international cooperation
- Space industry as a growing market: high-tech and new space
- Climate change, resources and environmental protection
- Digitalisation, data and downstream
- Security, strategic ability to act, and global stability
- Sustainable use of space
- Space research
- International space exploration
- Space in dialogue and talent recruitment

https://www.bmwk.de/Redaktion/EN/Pressemitteilungen/2023/09/20230927-adoption-of-the-federal-governments-new-space-strategy.html



EnMAP - Environmental Mapping and Analysis Program



1st Anniversay Collage; credit: A. Schickling 2023



• 1st EnMAP User Workshop held

https://www.gfz-potsdam.de/en/press/news/details/ein-jahr-enmap-work-1-enmap-nutzer-workshop

- current Status: Phase E (routine operations)
- Data access: <u>https://planning.enmap.org</u>
 - -> free and open data policy

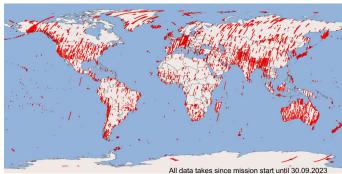


https://www.enmap.org

Istanbul, Bosporus, Turkey; 2022/04/27; first light; credit: comissioning phase data 2022 DLR



EnN





Acquisition status; 2023/09/30; credit: A. Schickling 2023

US – German Series of Gravity Missions

- US-German missions GRACE and GRACE-FO are a success story providing gravity data of unprecedented quality (2002-2017, 2018-)
- Global Climate Observing System (GCOS) defined Terrestrial Water Storage (TWS) in 2020 as Essential Climate Variable (ECV)
- Germany is committed, as international partner to the US, to implement the GRACE-C mission to guarantee continuity of observations beyond GRACE-FO with targeted launch in 2028
- German contributions similar to GRACE-FO: optical components LRI, launcher, mission operations, SDS contribution; management by German Space Agency
- Cooperation Agreements with German national partners (GFZ, AEI-MPG)

