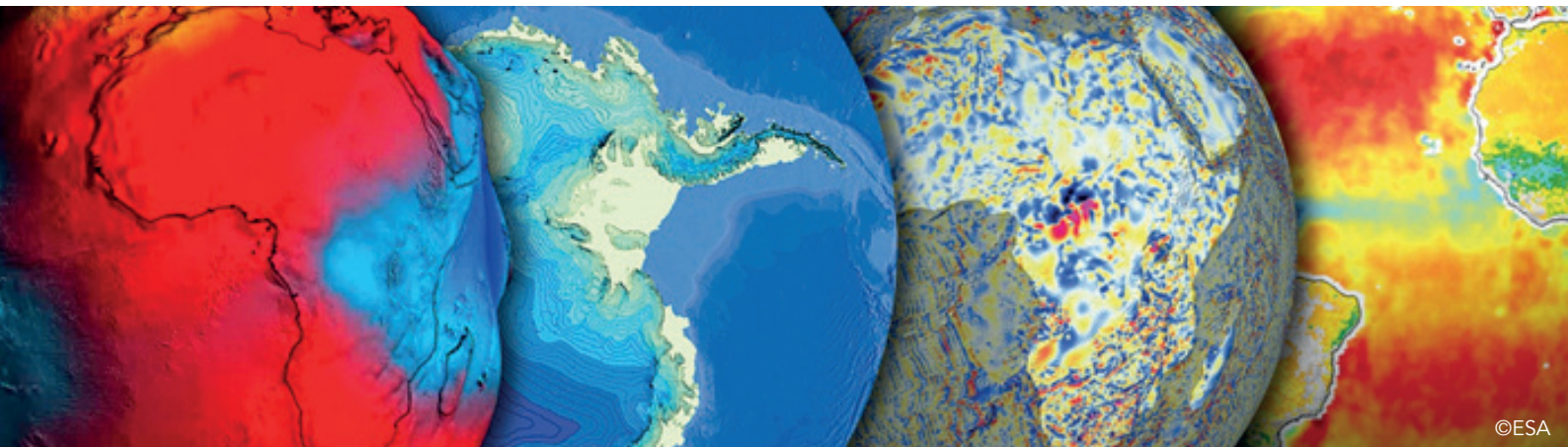


Werum's contribution to the ESA Earth Explorer missions



Early on, Werum has been contributing to data archiving and reprocessing of SMOS as one of the first Earth Explorer missions. Using the Multi-mission Facility Infrastructure (MMFI), Werum has been contributing to system design and development of the SMOS Long-Term Archive solution.



The Core Processing Facility (CPF) for the EarthCARE Payload Data Ground Segment (PDGS) is developed by Werum.

Additionally, Werum provides and operates the Level-2 Testbed infrastructure for the verification of new Instrument Processing Facilities (IPFs).



Since the launch of the Swarm mission in 2013, the Swarm mission data has been produced systematically within the ESA Archiving and Payload Data Facility (APDF). As part of the APDF, Werum's processing software has proven to be scalable, highly configurable and robust and has been a key constituent for the successful and effective generation and reprocessing of the Swarm mission data.



Werum develops the Core Processing Facility (CPF) for the Biomass PDGS. The software shares components with the EarthCARE CPF and is based on the scalable generic processing, archiving and dissemination framework developed by Werum for the Cloud.