



## **Satellite Data Records from EUMETSAT's Satellite Application Facilities (SAF) Network**

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The SAF Network is an integral part of the EUMETSAT Ground Segment. Currently, eight SAFs are generating hundreds of satellite products for specific areas of applications and services. The network includes the Climate Monitoring SAF (CM SAF) with its suite of long-term satellite data records related to the radiation budget and water cycle. Also in other SAFs, several climate relevant data records could have been released, due the availability of carefully corrected and reprocessed basic satellite observations (Fundamental Climate Data Record) and the application of mature and tested retrieval methods and algorithms.

The SAFs are ensuring the evolution of its data services through the development of new products and data records. These new products take into account new satellite data available, developing needs and requirements of the user communities as well as the progress in science and technology.

The current development activities of the SAFs are focussed on providing new products of increased coverage (space and time) and quality as well as on the preparation for the next generation of EUMETSAT's satellites, namely the Meteosat Third Generation (MTG) and the EPS Second Generation. These new developments are essential for the continuity of climate observations from space.

This presentation is intended to provide as well an overview of the programmatic evolution of the SAF Network for the next 15 years, in particular the planned data records committed to be generated within the current Continuous Development and Operations Phase (CDOP 3).