

The Copernicus S-5P Mission Performance Centre



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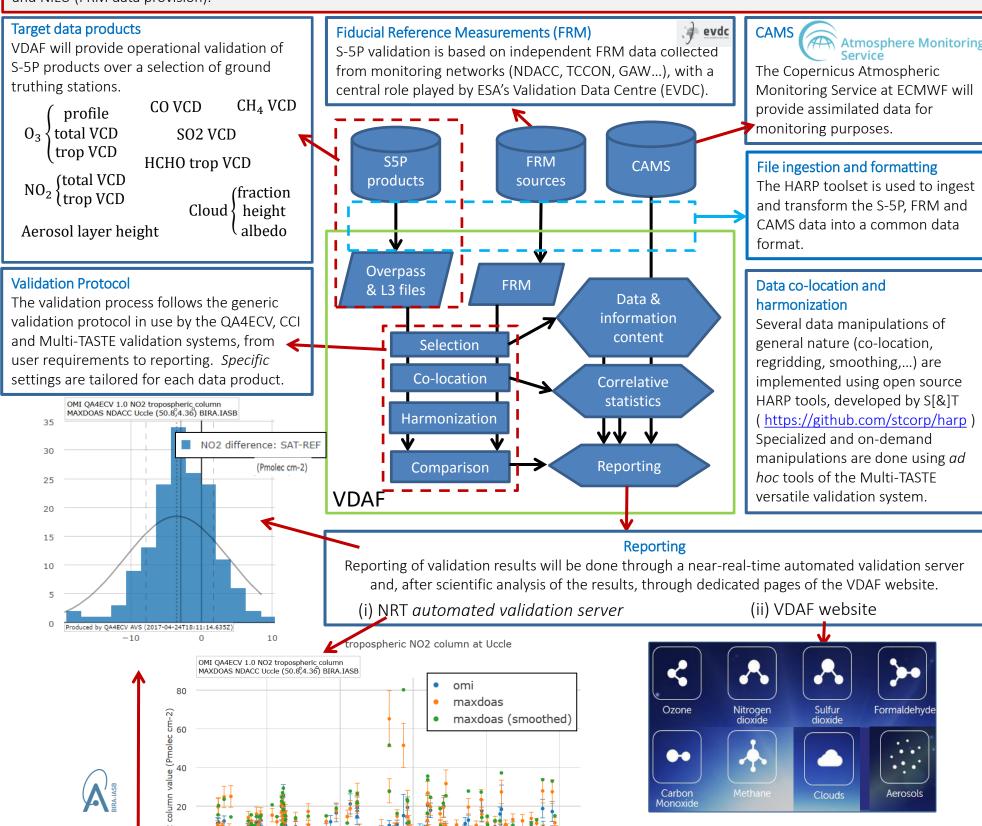




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Introduction

Sentinel-5 Precursor (S-5P), to be launched in August 2017 as part of the Copernicus programme, carries as unique payload TROPOspheric Monitoring Instrument (TROPOMI). The S-5P Mission Performance Center (MPC) will ensure operational QA/QC of the S-5P L2 data products. Two MPC tasks, the geophysical validation of S-5P Level-2 data products and the verification of algorithm evolution, will be supported by the MPC Validation Data Analysis Facility (VDAF). This MPC component is developed at BIRA-IASB in collaboration with MPC partners and with support from s[&]t (server development) and NILU (FRM data provision).



Examples of dynamic plots taken from the on-line QA4ECV validation server (http://qa4ecv-dev.stcorp.nl, under development), a prototype of the VDAF NRT validation server.

Collaborative S-5P Validation activities

time (year)

The operational work of VDAF is complemented by in-depth AO validation projects carried out by ESA's Sentinel-5 Precursor Validation Team (S5PVT).

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Keppens, on S-5PVT CHEOPS-5p: EGU 2017 poster X4.257

Niemeijer, on HARP: EGU 2017 poster X4.256

2014

2015







On the VDAF website, in-depth validation reports will be provided per data product on a regular basis.



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