



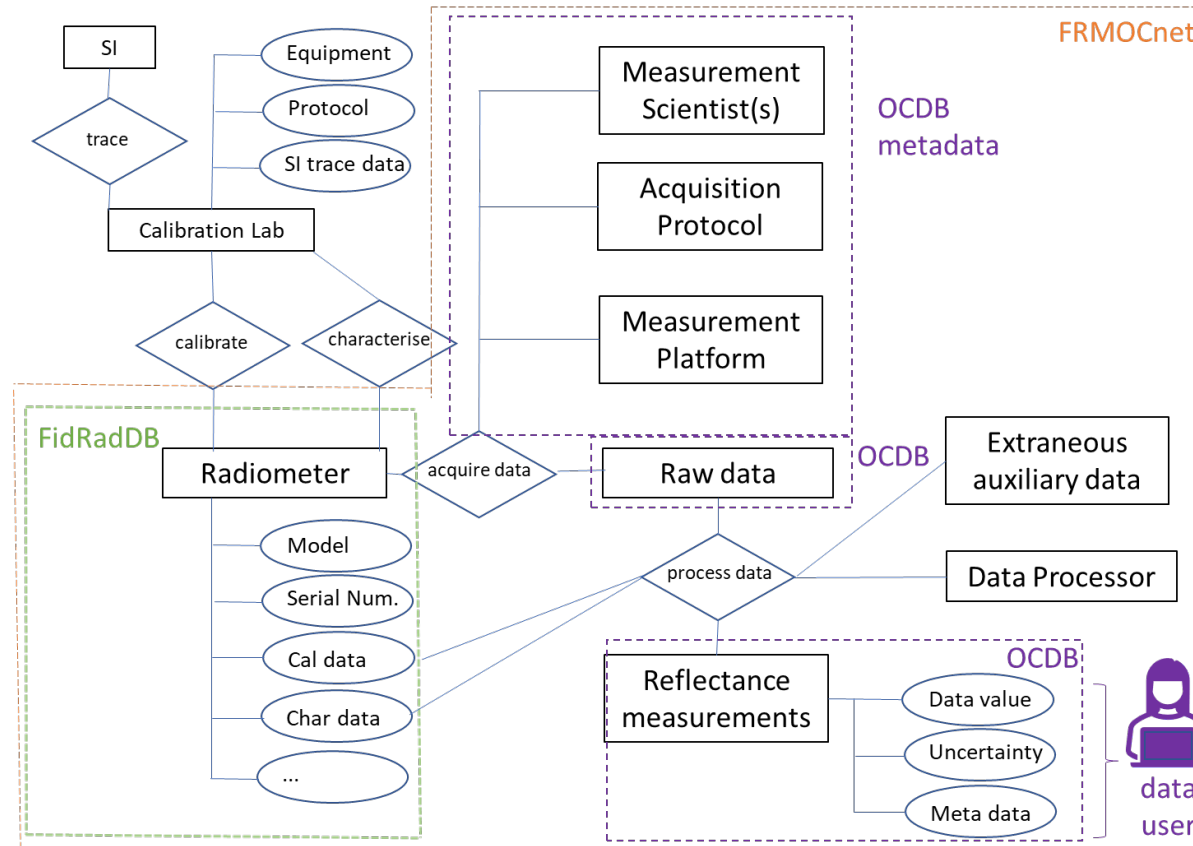
Introduction of the FRMOCnet (FidRadDB, HCP, OCDB)

FRM4SOC-2 Team



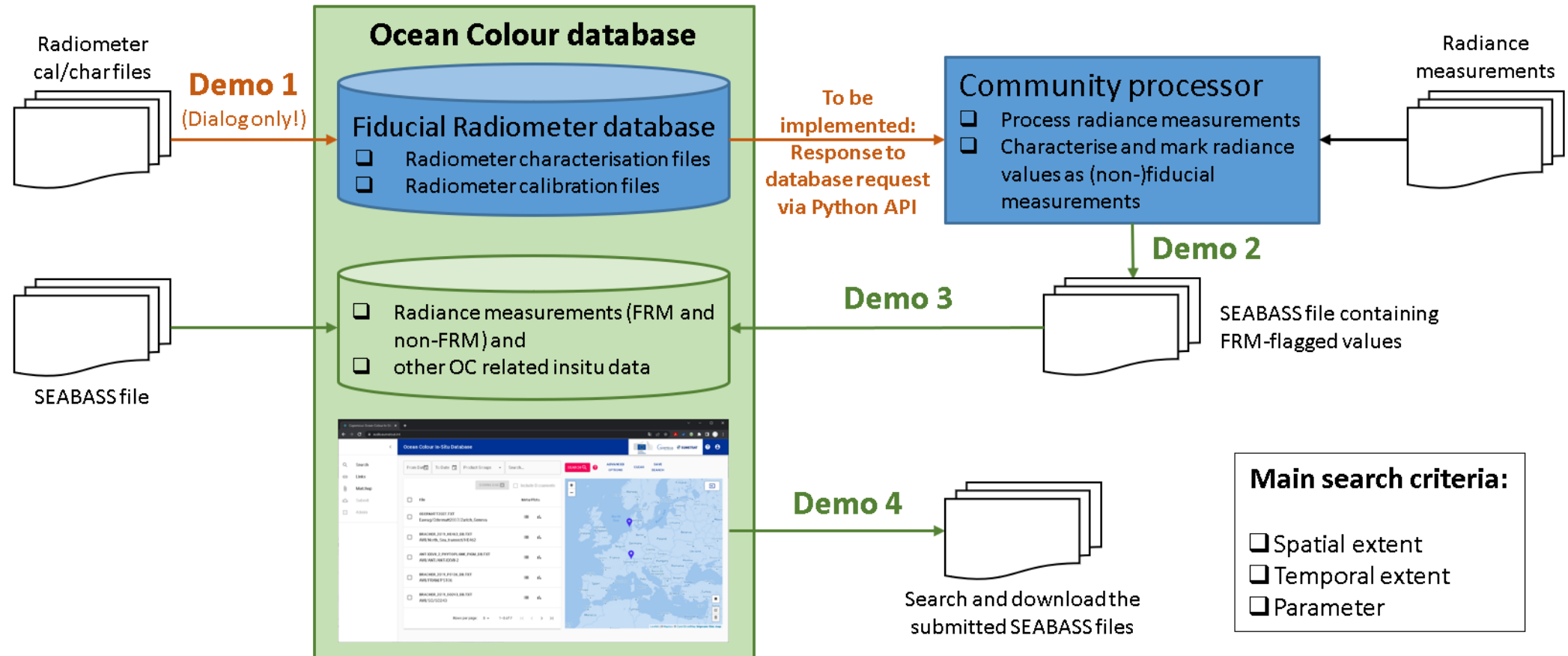
FRMOCnet (network of radiometric measurements with FRM certification)

FRMOCnet Entity Relationship Model (ER model)



- **Guidelines for operating the radiometers, and measurement procedures (K. Ruddick)**
- **End-to-end uncertainty budget for the instruments and the measurements (A. Bialek)**

Fiducial radiometer database, Community Processor and Ocean Colour database



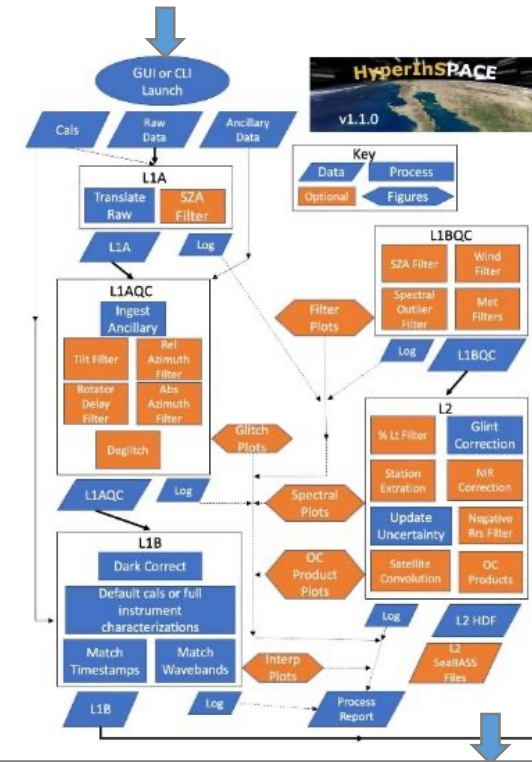
HyperInSPACE Community Processor (HCP) for in situ data processing and uncertainty budget calculation

SI traceable measurement data from calibrated and characterised radiometers

 <https://github.com/nasa/HyperInSPACE>

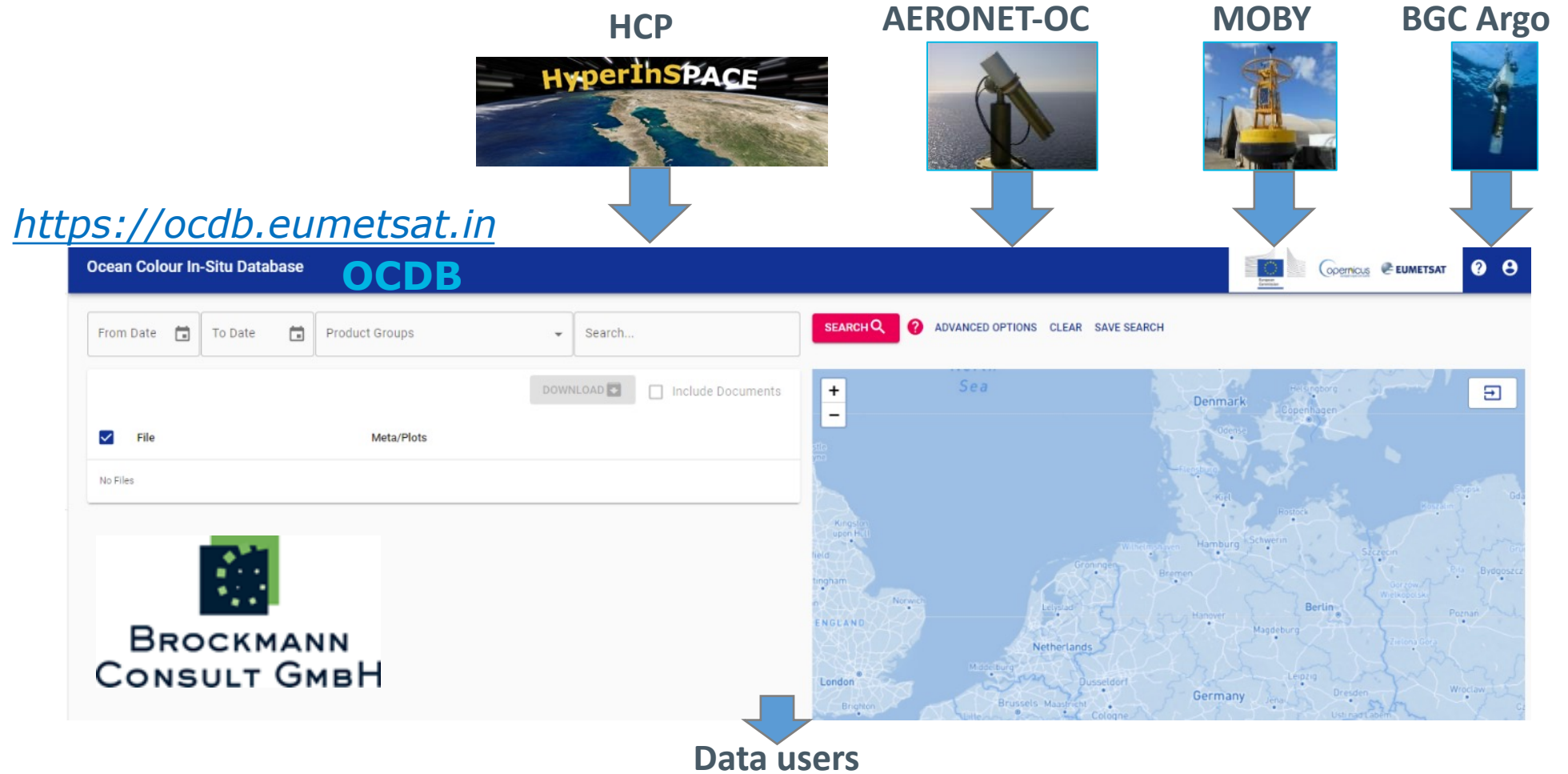


N. Vandenberg, M. Costa, Y. Coady and T. Agbaje, "PySciDON: A python scientific framework for development of ocean network applications," *2017 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM)*, 2017, pp. 1-6,



SI traceable remote sensing reflectance R_{rs} with related measurement uncertainty

Ocean Colour In-Situ Database (OCDB)



- **Results from the field campaign at AAOT – testing the procedures, guidelines and tools (G. Tilstone)**
- **Community Processor validation (A. Deru)**