

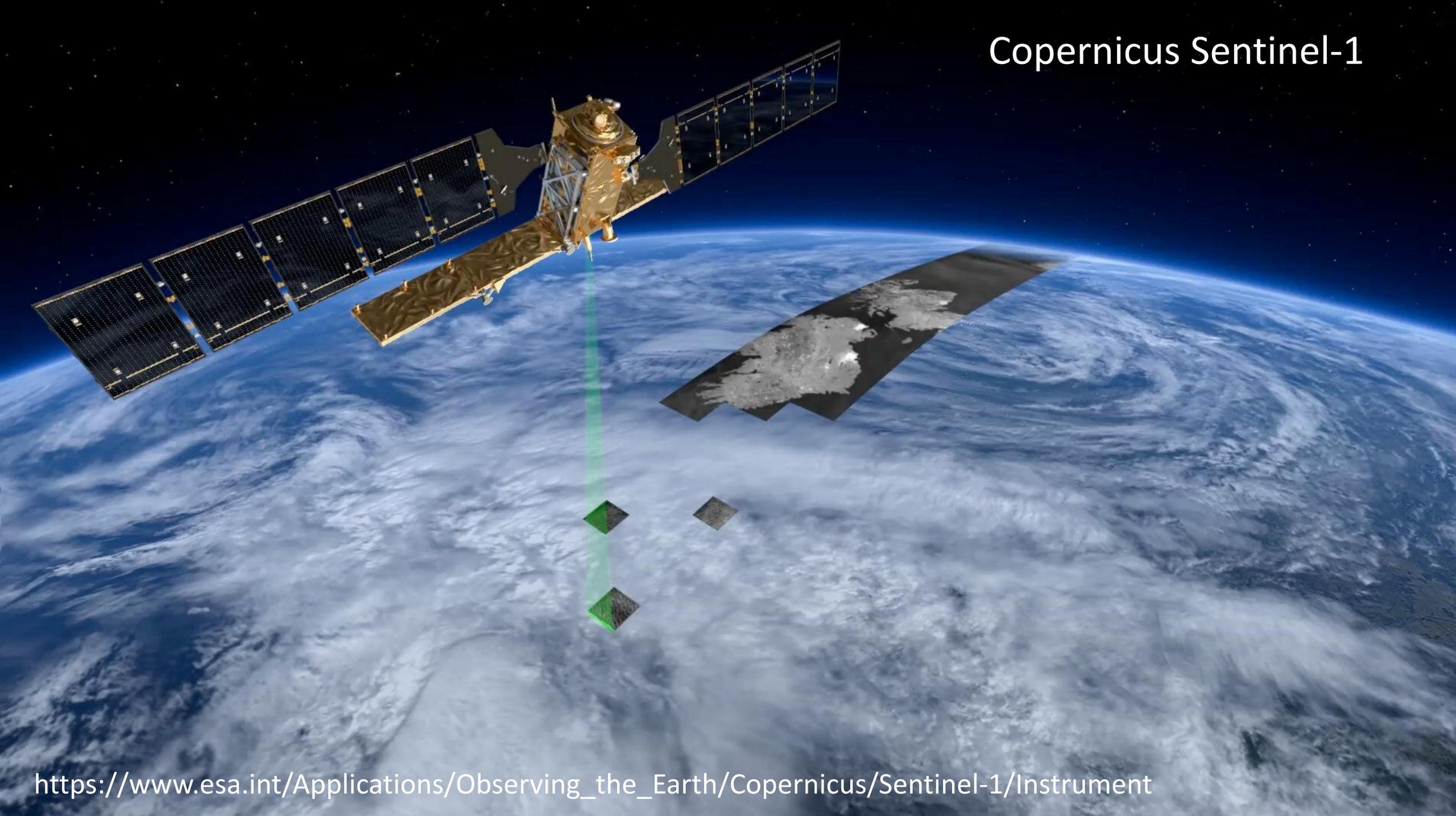
Challenges for collaborations in Earth Observation

EGI'22 Conference

22-Sep-22

Matthias Schramm, TU Wien

Copernicus Sentinel-1



Earth Observation Data Centre

Collaboration for Earth Observation



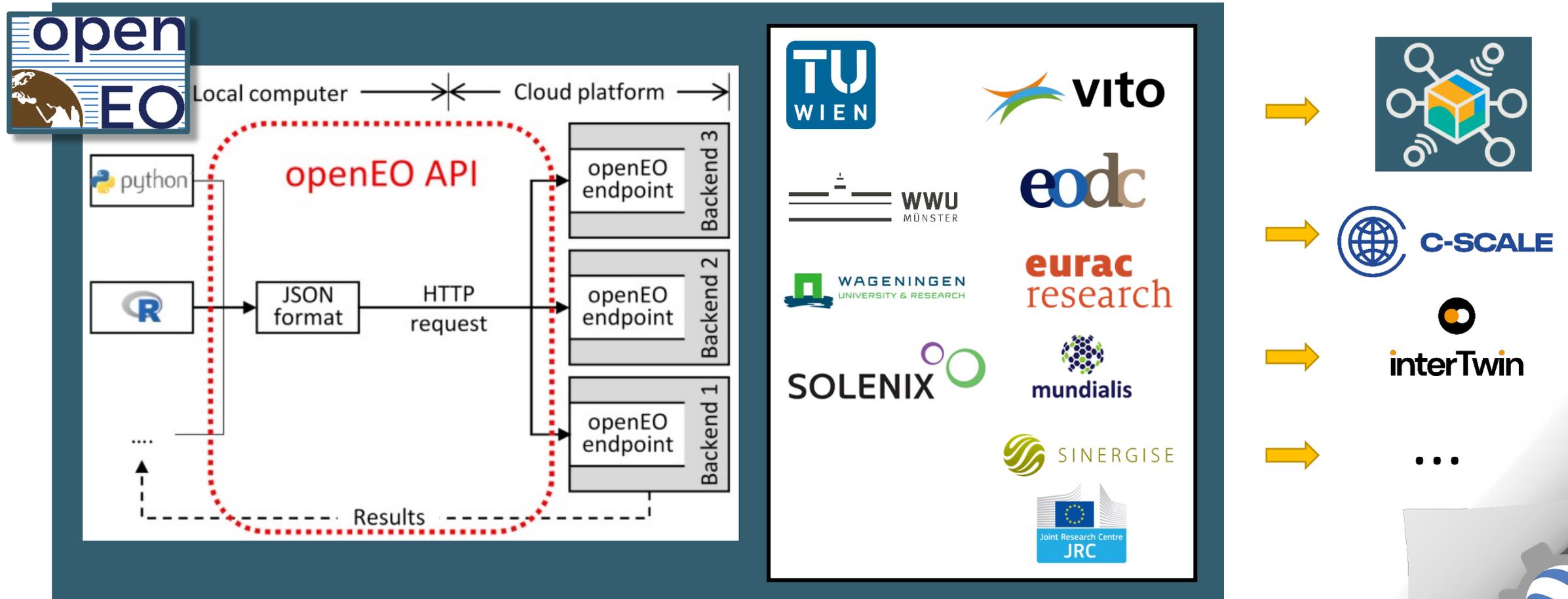
Petabyte Storage
Supercomputing
Cloud Platform

<https://eodc.eu/>

- Building a federated multi-owner IT infrastructure for
 - Scientists
 - Public services
 - Innovators
- Users are partners who participate in decision making
- Development of collaborative services
 - From data to model predictions



Federating data access / processing



M. Schramm et al (2021): The openEO API—Harmonising the Use of Earth Observation Cloud Services Using Virtual Data Cube Functionalities. *Remote Sensing*. 2021; 13(6):1125. <https://doi.org/10.3390/rs13061125>