OPEN DATA

& OPEN KNOWLEDGE

Workshop
Enabling researchers with bespoke EO tooling and high-performance consumable services.
“Landing a man on the moon required both an extremely capable public sector and a purpose-driven partnership with the private sector.”


Professor in the Economics of Innovation and Public Value at University College London
Project Ambitions

➢ Cloud based digital services –
  1. Ease of consumption by European Research community
  2. Construction of supporting procurement framework – *Individual contracts*
  3. Significant research focused concessions from Market – *Global aggregation*
  4. Drive visibility and awareness
  5. Promote adoption via EC funding initiative

➢ Earth Observations services
  1. Stimulation of SMEs (*European Digital Market*)
  2. Drive visibility of EO market (Copernicus + value added services)
  3. Promote adoption of EO services via EC funding initiative
Project Outcomes

➢ OCRE Cloud Framework
  o 1100 bids from market
  o 473 framework contracts across 40 countries (10,000 institutes)
  o 37 cloud platforms represented
  o Minimum of 9 platforms per country/Maximum 17 platforms per country
  o Contract management transferred to GÉANT project

➢ OCRE Cloud Catalogue https://www.ocre-project.eu/services/cloud-suppliers

➢ OCRE EO Catalogue https://www.ocre-project.eu/eo-catalogue

➢ €8.5 Million in adoption funding distributed (both service types)

➢ >>> HEARING the European Research Community
Hearing the researcher!
Cloud adoption funding calls
Commercial Cloud and EO services

22 Countries represented

4 Funding Calls

120 Project Proposals

All OECD disciplines
Quantifying war damage in Ukraine based on EO data (impact to global food production)

A methodology based on aerial and satellite data for the preliminary study of Sardinian Nuragic sites

Sentinel-2 Semantic Data & Information Cube

Supporting World Water Quality Assessment projects using a cloud-based near-real time and historic EO data service
Modelling of Drug Deposition with Realistic Dosages in Patient-Specific Lung Airways

CryoSat-2 SAR SARin SAMOSA Consensus Processing

Near real time lake and river monitoring

Derivation of green indicators of human well-being

British and Canadian paraglacial coastlines
Cloud based digital services –
1. IaaS++ procurement framework and catalogue – *Institutional contracts*
2. Significant research focused concessions from Market – *Global aggregation*

Earth Observations services
1. Stimulation of SMEs (*European Digital Market*) and visibility of EO market (*Copernicus + value added services*)
2. Promote adoption of EO services via EC funding initiative
CONTACT DETAILS

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