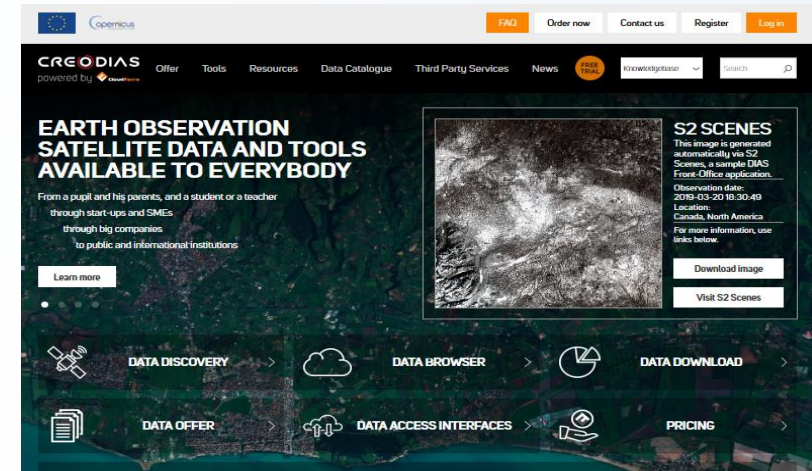


EO services contributing to SDGs

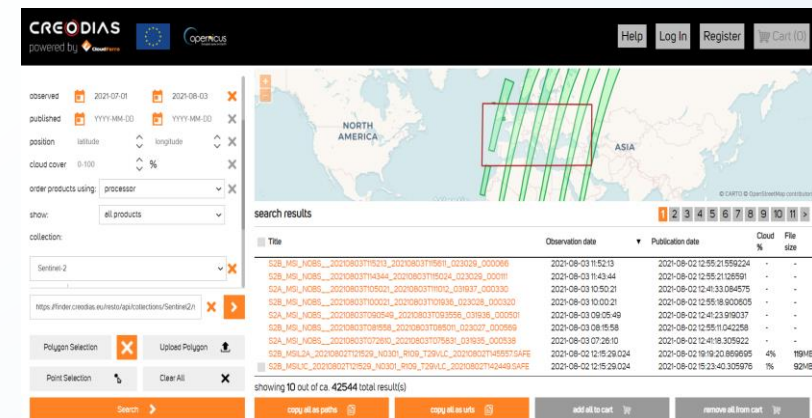
CREODIAS



- User: Earth Observation data users
- Challenge/Needs: Access to Earth Observation data from different sources. Possibility to use one flexible and reliable infrastructure for data access, storage, processing and sharing.
- Initiative: CREODIAS is a public cloud computing platform with Earth Observation data repository. The platform offers online, direct and immediate access to Copernicus Sentinel satellites data and Services, Envisat and Landsat data, other EODATA and VHR collection. Its design allows Third Party Users to prototype and build their own value-added services and products. CREODIAS consists of: EO Browser - satellite imagery browser with ability to visualize chosen Earth Observation images; EO Finder - advanced search engine, designed for selecting products based on sets of specific variables - such as time, place, collection, processing level; Cloud Dashboard serves as a tool for overview and management of processing resources. Data processing is fundamental phase in value chain offered with CREODIAS. Pursuing most efficient and favorable solutions, platform offers full set of virtual resources. Virtual Machines with a choice of different operating systems available, easily mounted storage volumes with object storage solutions, virtual network and appliances like firewalls and VPN concentrators.
- Results: One common environment enabling EO data access, storage, processing and sharing.
- Service Provider: CloudFerro



CREODIAS portal



CREODIAS – EO Finder tool



EARSC

European Association of Remote Sensing Companies

<https://creodias.eu/>