

| Data type | Available (Yes/No) | Completeness of the archive per catalogue | Data Description/Specifications |
|---|---------------------------------|---|--|
| Copernicus Sentinel | Copernicus Sentinel-1 (A and B) | Since the beginning of the mission | L0 L1 GRD L1 SLC L2 OCN |
| | Copernicus Sentinel-2 (A and B) | October 2016 until now (earlier datasets available pending data repackaging by ESA) | L1C L2A (available end Jan 2019) |
| | Copernicus Sentinel-3 (A) | Since the beginning of the mission | OLCI L1 OLCI L2 SLSTR L1 SLSTR L2 Land SLSTR L2 Water STM/SRAL L2 Land STM/SRAL L2 Water SYN* L2 (available in January 2019) |
| | Copernicus Sentinel 5-P | All products available in January 2019 | |
| HR/VHR | YES | Full catalogue (SPOT 6/ SPOT 7/ Pleiades) in February 2019 on sobloo | |
| Other EO data (please specify in the description) | YES | Muscate (from CNES) will be available in January 2019 with - Snow ON/OFF (L2B/L3A); - Surface reflectance (L2A); - Cloud Free (L3A) - Land Cover (annual and monthly maps) | |
| Non-EO Data (please specify in the description) | YES | Geomarketing data (mobile phone data) available in June 2019 | |
| Extended data availability | YES | We offer to collaborate with our customers to define their specific needs (which products over which specific time-windows and/or geo zones) and download them prior to the start of their activities e.g. Landsat 8, Data from the THEIA Portal | |
| Other types of data (please specify in the description) | | when a data is not available locally on sobloo, it remains available via direct download from its data source and sobloo completes the download for the user, in a seamless way. | |
| Services | Available (Yes/No) | Which ones? | Comments |
| Copernicus core services available <u>locally</u> | YES | CMEMS (Marine) CLMS (Global Land) CAMS (Atmosphere) CEMS (Emergency) C3S (Climate Change) | All Marine datasets (171) since start of service (accessible at granule level) All Global Land datasets (59) since start of service (accessible at granule level) Available in January 2019 Available in January 2019 Available in June 2019 |
| Backend services for developers | YES | On top of the IaaS features, sobloo offers the following services, upon request: - Ready to go K8S cluster - Apps deployment engine (Monocular), providing access to more than 150 pre-packaged apps such as ETCD, Redis, Kafka, RabbitMQ, ELK... Complete list available at https://hub.kubeapps.com | |
| | | we propose a customised "sobloo VM: " - VM pre-installed with a Virtual desktop, accessible from your favorite browser, which contains: - Processing environment: ESA Snap, BRAT, OTB, Sen2Cor - GIS solution: Qgis 2.18 - GDAL 2.2 support - Development platform: Eclipse Neon with C, C++, Java, Python - Scientific computation: scilab, GNU Octave, ... - Jupyter notebook - Rstudio We equally offer the download of a customised "sobloo SDK" with Python libraries that are preconfigured to connect to the sobloo APIs (search, download, ...) | |
| EO Processing Tools | | All algorithms and libraries available in SNAP and OTB - Cloud coverage detection algorithm based on deep learning developed by Airbus Defence and Space (March 2019) - Change detection algorithms developed by Airbus Defence and Space (March 2019) - GeoRice - rice crop monitoring (March 2019) - GeoFire - fire damage monitoring (March 2019) - CNES LAI (June 2019) | |
| EO applications | | | |
| Professional services | YES | - Technical and thematic support on the catalogue: e.g. use of datasets, APIs and tools - Data expertise and consultancy: e.g. the development of applications, algorithms development and validation - B2B solutioning: e.g. business case support, end-user solutions design, sandbox - Promotional activities: e.g. communication, advocacy, marketing - Data collections management: e.g. asset management and promotion - Cloud expert services: e.g. specialised technical assistance - Design & transition migration services - IT Audits: e.g. cloud maturity assessments, service integration - Cloud readiness assessments e.g. customised cloud transformation - Data assets: for e.g. consultancy, audits, GDPR compliance | |

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|----------------------------|---------------------------|--|---|-------------------------|
| Managed services | YES | <ul style="list-style-type: none"> - OS management : - Middleware (web server) management - Application management - Database management Additional Managed Services <ul style="list-style-type: none"> - Billing and rating | | |
| Other services | YES | Cloud services: Services available through the console or APIs to manage your infrastructure. Here are a few amongst the most remarkable services available on the platform. <ul style="list-style-type: none"> - Large catalogue of VM flavors ranging from VMs designed for standard applications to VMs designed for high performance calculation, big data... - Bare metal servers - storage: block (SATA,SSD) storage, NFS storage, Object Storage (S3 compatible) - snapshots - network features such as VPN, DNS, Direct Connect... - SMN (Simple Message Notification): Simple and reliable message notification service - RTS (Resource Template Service) : orchestration for resources - MRS (Map Reduce Service): High performance Hadoop Platform - RDS (Relational Database Service): highly reliable and easy to deploy database (MySQL, Microsoft SQL Server, Postgres) service - DCS (Distributed Cache Service): secure, high-speed caching service - DIS (Data Injection Service) :High performance | | |
| Support | Available (Yes/No) | Comments | Column1 | |
| Manuals | YES | <ul style="list-style-type: none"> - Full API Documentation - Data Catalogue web GUI - Scientific Documentation | https://sobloo.eu/do-it-yourself/documentation/api-documentation https://sobloo.eu/do-it-yourself/documentation/catalogue-gui https://sobloo.eu/do-it-yourself/documentation/scientific-documentation | |
| Tutorials | YES | <ul style="list-style-type: none"> - API Usage - Submit a ticket - Manage your Cloud - Authentication | https://sobloo.eu/do-it-yourself/documentation/tutorials | |
| Support | YES | all forms of support are provided from helpdesk ticketing systems to consulting, technical, thematic, scientific support. See professional services for further details | | |
| Type of Cloud offer | Available (Yes/No) | Comments | Column1 | |
| Pay-per-use | YES | | | |
| Package offer | YES | | | |
| Other | Available (Yes/No) | Comments | Column1 | |
| APIs | YES | API | URL | |
| | YES | WFS | https://sobloo.eu/api/v1/services/wfs | Requires authentication |
| | YES | CSW | https://sobloo.eu/api/v1/services/csw | No |
| | YES | REST search | https://sobloo.eu/api/v1/services/search | No |
| | YES | Opensearch | https://sobloo.eu/api/v1/services/opensearch | No |
| | YES | Free Download | https://free.sobloo.eu/api/v1/services/download | Yes |
| | YES | Download | https://sobloo.eu/api/v1/services/download | Yes |
| | YES | Quicklook | https://sobloo.eu/api/v1/services/quicklook | No |
| | YES | Thumbnail | https://sobloo.eu/api/v1/services/thumbnail | No |
| | YES | WMTS | https://sobloo.eu/api/v1/services/wmts | No |
| | YES | Upcoming (January 2019) : WMS and WCS for S-1 and S-2 products; WMTS for a selected set of S1 L1 GRD products | | |