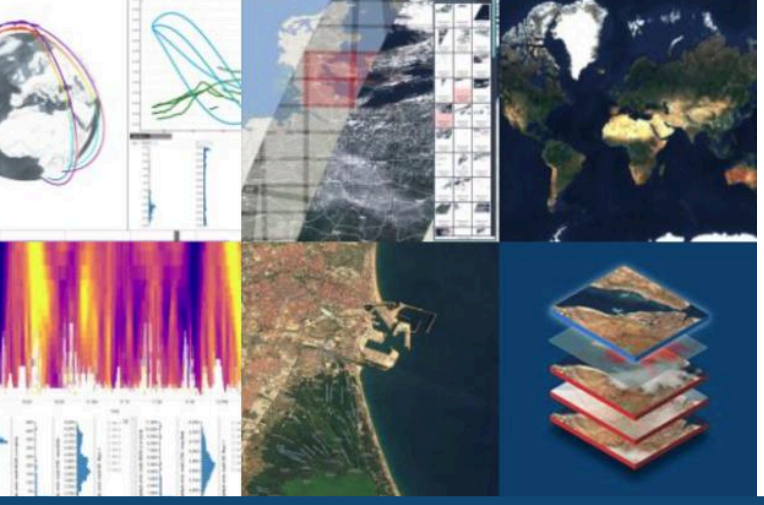


VIEW THE WORLD THROUGH OUR EYES

EOxHub — Platform as a Product

We provide ready-made customized cloud workspaces for your science team or project to launch your EO workloads in your chosen cloud, such as AWS or CDSE

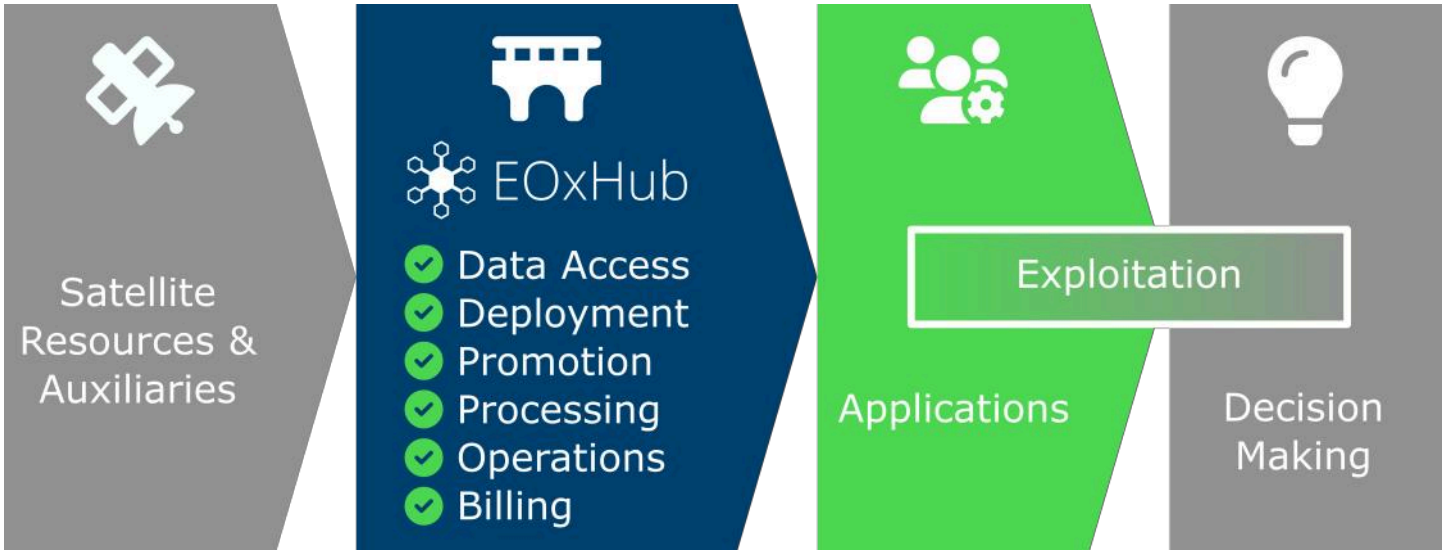


Figure to show how EOxHub is providing the bridge from EO data to its effective exploitation

Deployment service - We deploy in your chosen cloud tenant, such as AWS or CDSE, while ensuring you maintain control over your costs.

Cloud agnostic - EOxHub, a Kubernetes-based platform and workflow management runtime aligning with GitOps principles, is tailored for Earth Observation services and applications.

Cloud native - Object storage empowers EOxHub cloud workspaces to provide essential functionalities and deliver value to end-users.

Operationally used - EOxHub as Platform as a Product is already being used in production:

- Euro Data Cube
- Rapid Action for Citizens with Earth Observation (RACE) and EO Dashboard
- Green Transition Information Factory (GTIF)
- Deep Earth System Data Lab (DeepESDL)
- Polar Thematic Exploitation Platform (Polar TEP)
- Agriculture Area Monitoring System
- Various science projects, workshops, & contests

User → Cloud Workspace → Object Storage

Will your project be the next one to benefit from EOxHub?

Sponsorship available - Request for utilizing EOxHub through ESA's Network of Resources (NoR) at: https://eurodatacube-nor.hub.eox.at or https://nor-discover.org

EOX IT Services GmbH | https://eox.at

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The following versatile capabilities of the EOXHub platform are accessible and can be tailored and adjusted to suit your team or scientific project:

- Tailored branding
- Deployed in your cloud tenant on your chosen cloud, such as AWS or CDSE
- User Management & Access Control
- Self-registration & Login leveraging OIDC
- Workspace Functionality & Quota Management
- Supervision of Shared or Private Workloads in Managed User Workspaces
- Managed shared storage
- Service subscription management
- Headless notebook execution
- Bring Your Own Algorithm (BYOA)
- Marketplace with Service & App Catalog
- Automatic Service & App Provisioning
- Accounting and Billing
- Publication & Deployment service
- Selectable set of tools and apps pre-installed like Dask, MLflow, TensorBoard, DVC, etc.

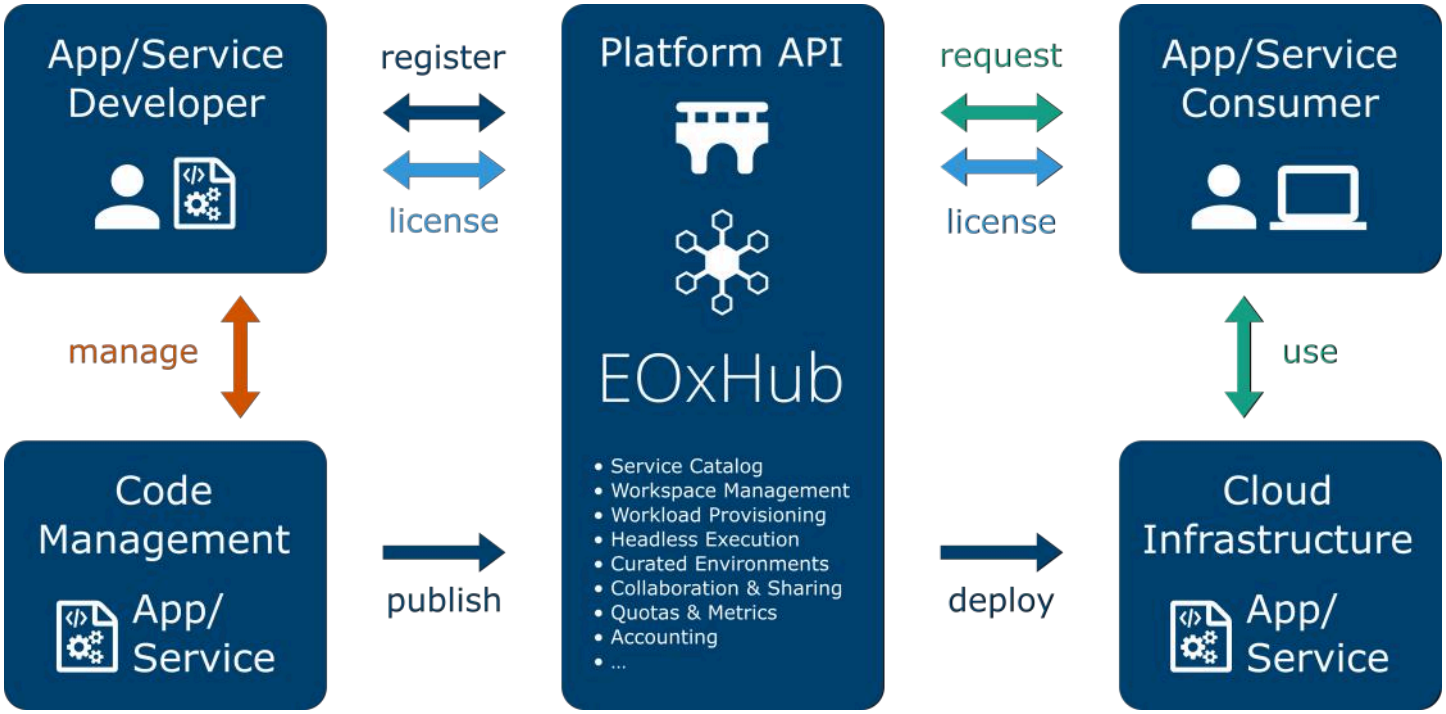
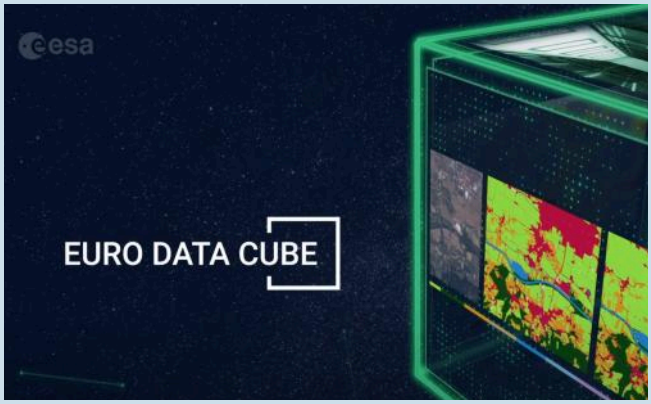


Figure showing the process of connecting service developers and users via the EOxHub platform API

EDC EOXHUB

EOxHub is one of the building blocks of Euro Data Cube providing:

- Interactive managed JupyterLab instances
- Headless notebook execution / processing
- Notebook and app sharing
- Curated base images
- App deployment and execution
- Bring Your Own Algorithm to share & sell
- Different flavors of computational resources
- Shared storage
- Options to customize your resources



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