

 <https://platform.destine.eu/>
destination-earth.eu



The DestinE Platform

Franka Kunz | European Space Agency

ASAP Infoveranstaltung

04.12.2025

Destination Earth

Funded by
the European Union



Implemented by



Destination Earth Home Services Onboarding Updates About Support Search Language Notifications [Sign In](#)



DestinE Platform

Your gateway to a sustainable future

A unique ecosystem of services harnessing the power of Destination Earth.

[Register](#)

1 month of DestinE Climate DT (2026)

JAN FEB



Surface net long-wave thermal radiation (J/m²)

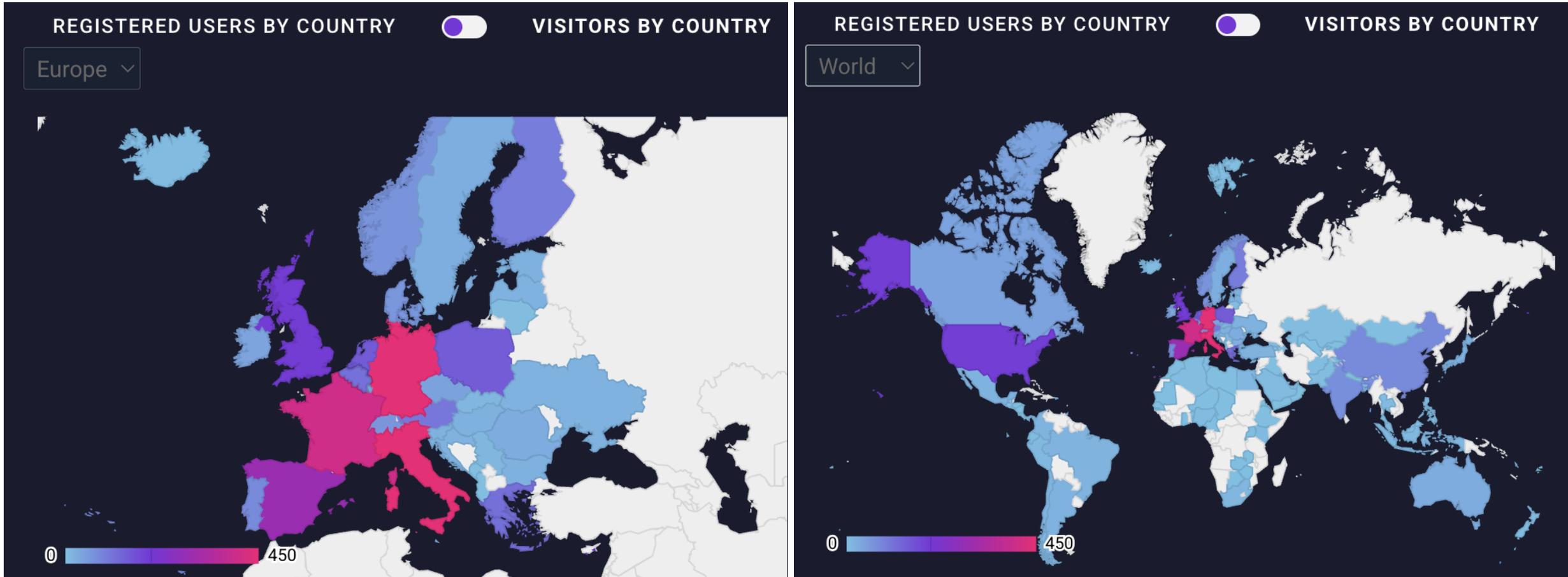
4.979
Registered Users
[Join us](#)

30
Services already available
[Discover](#)

Data available from
2
DestinE Digital Twins
[Explore](#)

Destination Earth Funded by the European Union  Implemented by    LinkedIn YouTube Menu

Registrierte Nutzende nach Land



- **128** registrierte Nutzende aus Österreich (2.5 % der registrierten Nutzenden)

Core Services



DestinE Platform

Advanced Services

- **Datenzugriff:** für DestinE-DTs-Daten und mehr
- **Datenverarbeitung:** damit Nutzer die Daten nutzen und bearbeiten können
- **Visualisierung:** auf Basis eines Storytelling-Ansatzes, damit Nutzer die Ergebnisse ihrer Aktivitäten kommunizieren können



“Best Practises” Open Call

- Regelmäßige offene Ausschreibungen
- Sicherstellung der wichtigsten Plattform Services
- ESA finanziert

- Integration und Betrieb ausgereifter Anwendungen und Dienste
- Breites Spektrum: verschieden Themen, Funktionen etc.
- Reifegrad mind. TRL 8



“Advanced Applications” Open Call

- Regelmäßige offene Ausschreibungen
- ESA finanziert das On-boarding und 6 Monate Betrieb



Onboarding

- Bewerbung auf Plattform
- Auswahlprozess
- Keine Finanzierung durch ESA

01 REQUEST

DIRECTLY ON THE PLATFORM, FILLING A DEDICATED FORM

- *Provide all information and documentation about the service*
- *Acceptance T&Cs and Code of Conduct*
- *Compliance with security requirements*

02 EVALUATION

GOVERNANCE BOARD SELECTS SERVICES BASED ON DEFINED CRITERION

- *Alignment with DestinE objectives*
- *Innovation, market need*
- *Long-term sustainability*

03 INTEGRATION

SELECTION AND IMPLEMENTATION OF INTEGRATION SCENARIO

- *Integration with IAM and Service Registry*
- *Deployment solution*
- *Optional integrations*



PUBLICATION ON SERVICE REGISTRY



SUPPORT BY DESTINE PLATFORM ONBOARDING TEAM

- Über **60** Onboarding-Anfragen wurden eingereicht
- **25** Dienste befinden sich aktuell in der Integration
- **3** Dienste sind bereits im Service-Register veröffentlicht

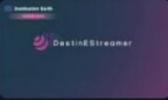
platform.destine.eu/onboarding

Warum sollte man auf die DestinE Plattform “onboarden”?



- Europa/Weltweite Sichtbarkeit
- Neue Nutzende
- Skalierbarkeit
- Kostenlose Plattform-Management-Dienste nutzen:
 - Identitäts- und Zugriffs-Management
 - Monitoring-Dashboard
 - Benutzer-Support
 - Sicherheitsmanagement
- Zugriff auf „pay-per-use“ Infrastruktur

<https://platform.destine.eu/destine-data-portfolio/>

	Data Cache Management	The Data Cache Management Service (DCMS) is a local storage on the DestinE Platform for frequently used data, flexible to be adapted to user needs. It contains a subset of DestinE Digital Twins data in ZARR format and lat-long projection.	Go To Service
	DestinEStreamer	The DestinE Streamer service provides optimized data access through advanced compression and access techniques. Among others, it provides access to DestinE Digital Twins data retrieved from the DCMS.	Go To Service
	EDEN	The EDEN service is a service providing access to a variety of datasets. It includes a direct interface to the HAD service to access native DestinE Digital Twins data.	Go To Service
	HDA	The Harmonised Data Access (HDA) is a service offering a STAC API allowing users to browse through the wide variety of data made available in the DestinE Data Portfolio, including the native DestinE Digital Twins data.	Go To Service
	Polytope	The Polytope service is a service providing access to the full data portfolio of native DestinE Digital Twins data. These native data are shared in healpix projection and in the form of hypercubes.	Go To Service
	SesamEO	The SesameEO service is a service providing a direct interface to different data access services making heterogeneous data easily accessible. It includes sources such as the HDA, to retrieve native DestinE Digital Twins data, the local Cache A of DestinE Platform, as well as Copernicus or Eurostat.	Go To Service

Unterschiedliche Services ermöglichen es “upgraded” Nutzenden, auf DestinE-Daten zuzugreifen.

- Verschiedene Formate
- Verschiedene Projektionen
- Unterschiedliche Schnittstellen

Mehr Infos dazu hier:

<https://lps25.esa.int/lps25-presentations/presentations/2671/2671.pdf>

https://www.youtube.com/watch?v=X_PXTWEnai8

Public Roadmap

Log in with your account to share your ideas and help us improve

Community Ideas | **Planned** | Under Implementation | Released

Order By: [dropdown] | Service Name: All [dropdown] | Target date: All [dropdown] | **Reset Filter**

User community forum <small>PORTAL FEATURE</small> Integration in the web portal of the DestinE user community forum Community Forum Q4 2025	Carbon Calculator <small>PORTAL FEATURE</small> Integration in the web portal of a Carbon Calculator to raise awareness and improve sustainable, efficient use of resources Sustainability Q4 2025	Trainings & tutorials <small>PORTAL FEATURE</small> Training environment for DestinE Platform services Training environment Q4 2025	OGC EDR Interface <small>SERVICE IMPROVEMENT</small> An OGC Environmental Data Retrieval API will be made available for access to Polytope data. Polytope Q4 2025	Extreme Event Notifications <small>SERVICE IMPROVEMENT</small> A new engine behind Aviso will allow serving of geospatial events, and listening for events within particular regions. Aviso Q4 2025
Public dashboard <small>SERVICE IMPROVEMENT</small>	Public dashboard <small>SERVICE IMPROVEMENT</small>	Geospatial Visualization Tool <small>SERVICE IMPROVEMENT</small>	Automatic Artifact Creation <small>SERVICE IMPROVEMENT</small>	Sharing a Storage Group of Users <small>SERVICE IMPROVEMENT</small>

- Information über alle neuen Funktionalitäten – von der Planung bis zur Veröffentlichung.

- Einreichen von Ideen



DestinE Platform Learning Hub

Learn more about Destination Earth capabilities to monitor and simulate human activities impact on Climate Change.

EXPLORE TRAINING

RESOURCES



- DestinE Videos, Webinars und Tutorials
- „Demonstrator“ zeigen was mit der Plattform möglich ist.

Suggested:



What is Destination Earth?



Video Tutorials

Find a tutorial

Search...

Expertise Level

-- Select --

Target Audience

-- Select --

Search

Clear



ISLET Storage
Step-by-step



ISLET Compute
Step-by-step



STACK
Step-by-step



HOOK
Step-by-step



HDA
(Harmonised Data Access)
Step-by-step



Insula Code
Use case



GeoAI
Step-by-step



Insula Processing - Perception
Step-by-step

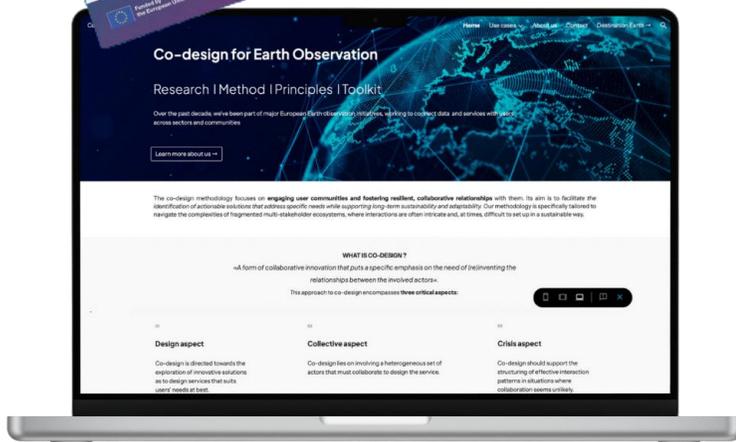
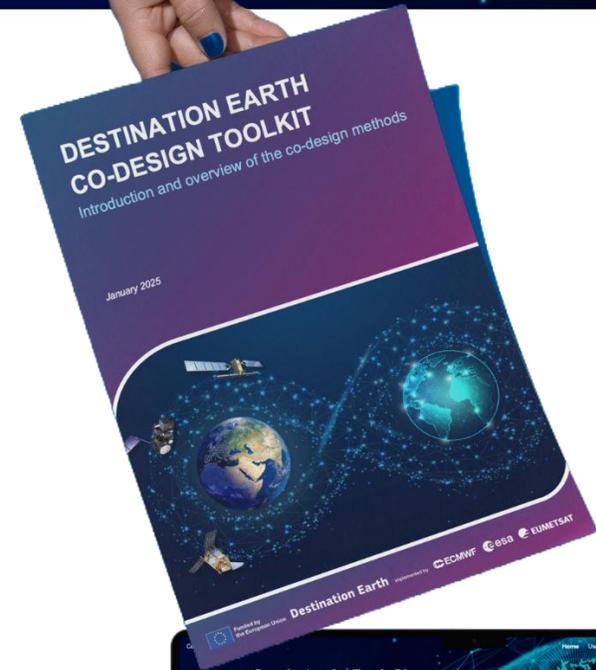


Insula Processing - Intellect
Step-by-step

<https://learninghub.destine.eu>

Gemeinsame Entwicklung: Nutzende, Entwickler und andere Stakeholder arbeiten zusammen an der Gestaltung von Lösungen.

Ziel: Sicherstellen, dass Produkte und Services nutzerorientiert, praxisnah und relevant sind.



Ein praxisorientiertes Co-Design-Toolkit

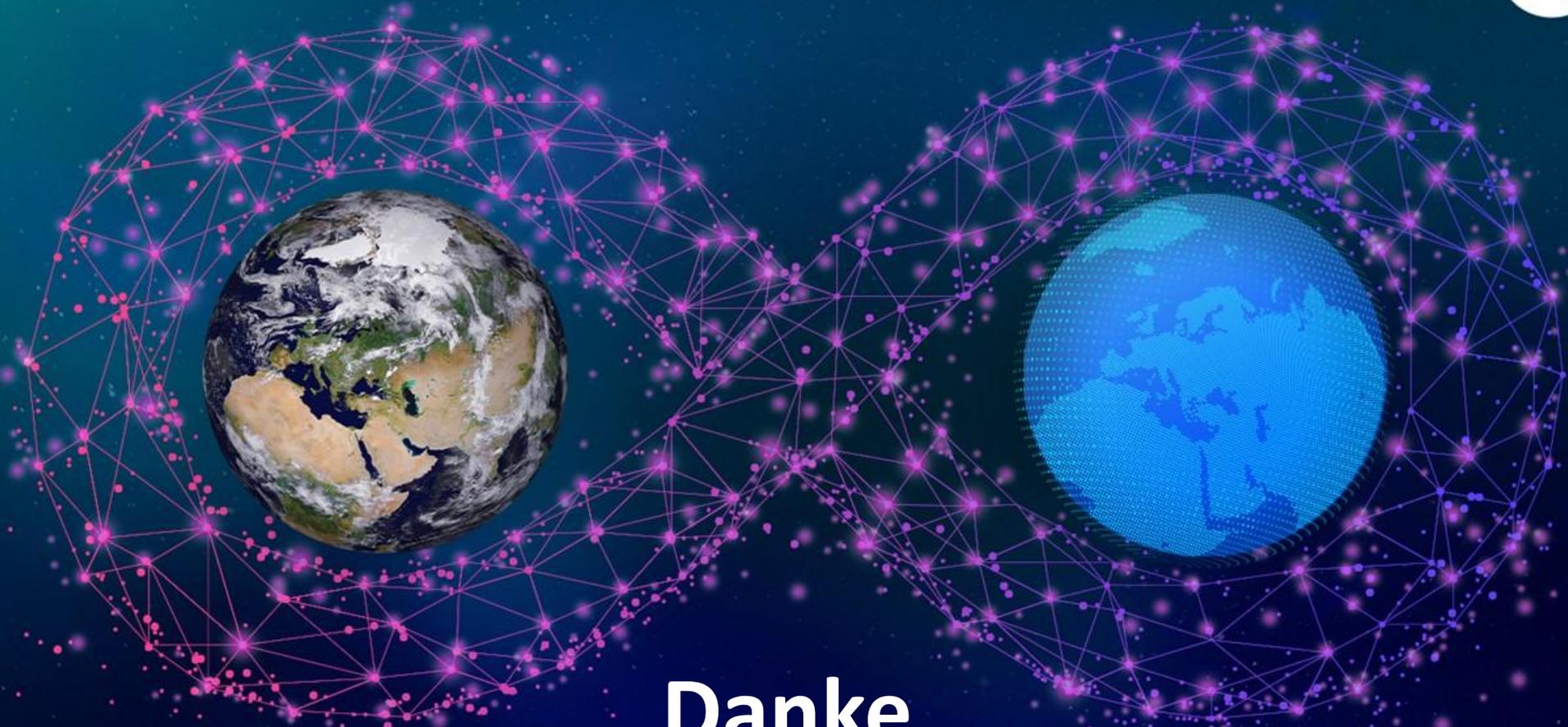
Demonstrator mit der Stadt Marseille



Co-Design Service in der DestinE Platform

Erweitertes Toolkit für mehr Nutzergruppen

<https://www.codesign4destine.eu/home>



Danke

Destination Earth

Funded by
the European Union



Implemented by

