



# Destination Earth

Core Service Platform Use Cases



**Destination Earth**  
**Joint Website**  
[www.destination-earth.eu](http://www.destination-earth.eu)

Rob Carrillo (Trust-IT)



**Destination Earth**

Funded by  
the European Union



Implemented by  **esa**

# Background

- 🌐 3 Entrusted Entities implementing the Destination Earth initiative and the European Commission have agreed to evolve what would have been the DestinE Community Portal into the DestinE Joint Website.
- 🌐 The website aims to be a gathering point and inform audiences interested in DestinE on the latest developments and co-development opportunities.
- 🌐 The DestinE Joint Website has an editorial board made up of representatives of the entities and the EC and is implemented by resources from the ESA DESP Use Cases project (RHEA, Trust-IT, and AUTH).



# Destination Earth

Core Service Platform Use Cases

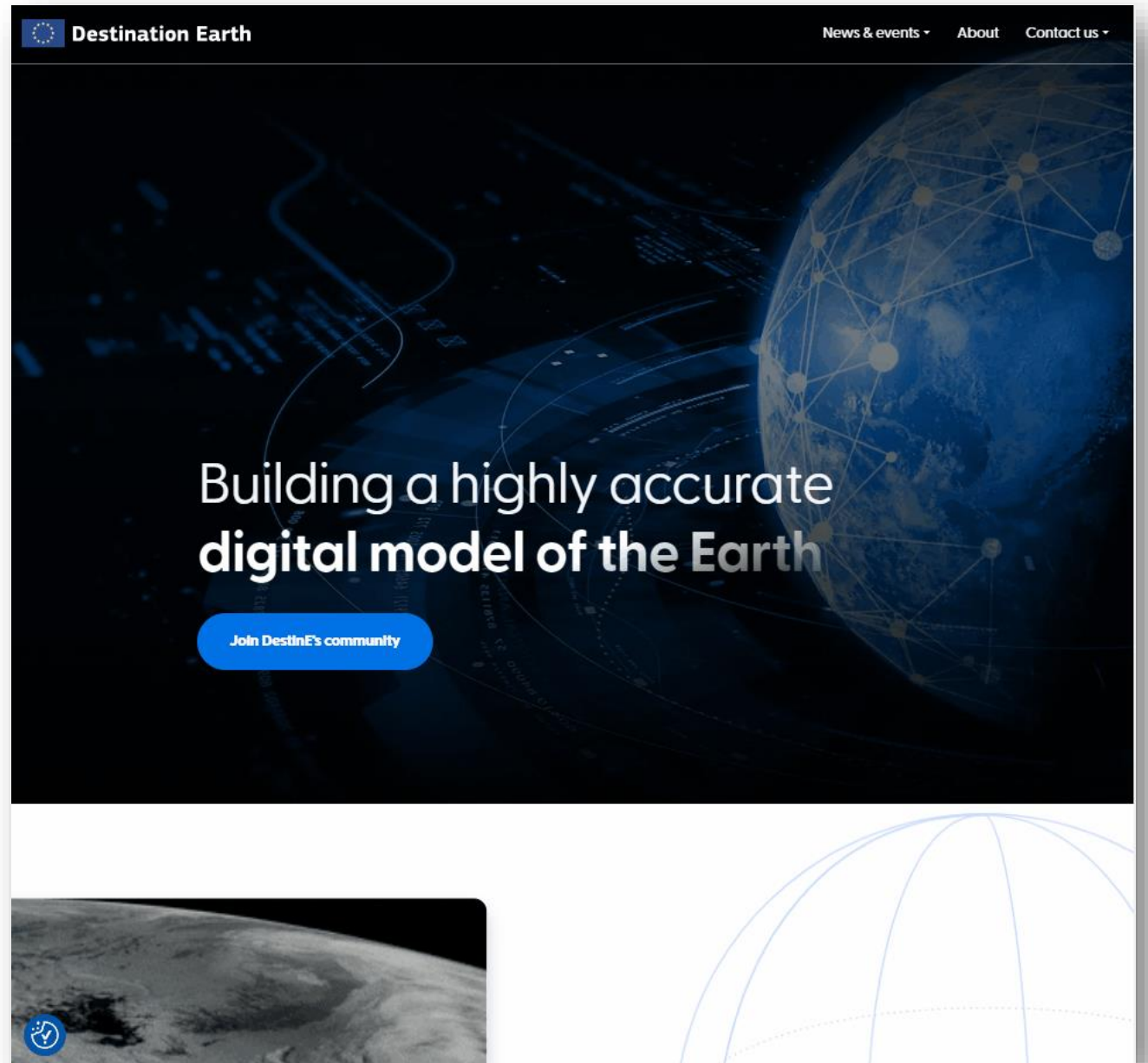


## Main areas





# Homepage





[Home](#) ▸ [About Destination Earth](#)

## About Destination Earth

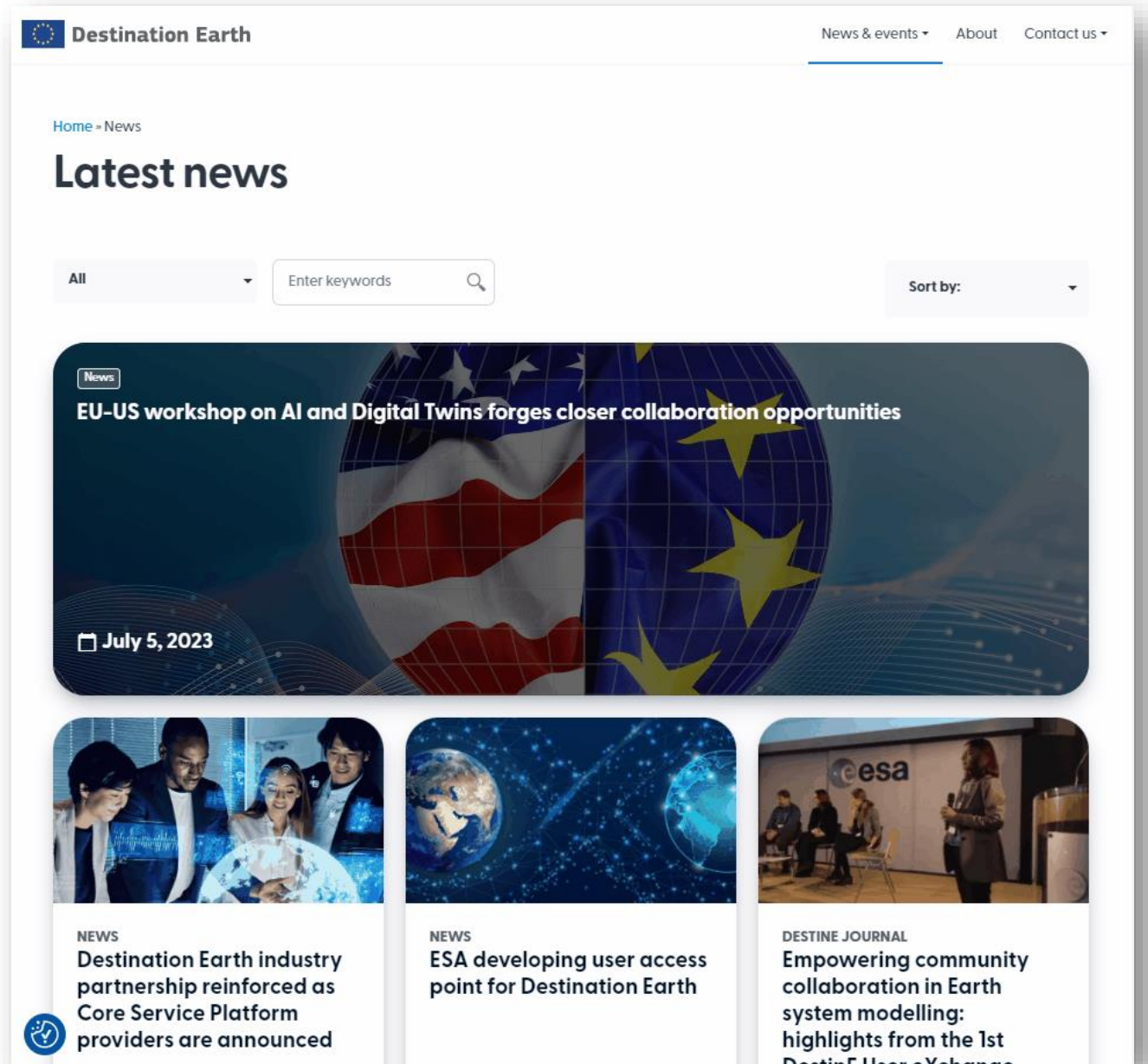
A highly accurate digital model of our planet



Destination Earth (DestinE) is an ambitious initiative of the European Union to create a highly accurate digital model of Earth. It utilises an unprecedented amount of data, innovative earth system models, Artificial Intelligence (AI), cloud computing, high-speed connectivity networks and data from multiple existing and new sources. European cutting-edge computing is utilised to monitor the effects of natural

# About

# News



The screenshot shows the Destination Earth website's news section. At the top, there is a navigation bar with the Destination Earth logo, a search bar, and links for 'News & events', 'About', and 'Contact us'. Below the navigation, a breadcrumb trail reads 'Home » News'. The main heading is 'Latest news'. A filter menu is set to 'All', and there is a search box with the placeholder text 'Enter keywords' and a magnifying glass icon. To the right, a 'Sort by:' dropdown menu is visible. The featured news article is titled 'EU-US workshop on AI and Digital Twins forges closer collaboration opportunities', dated July 5, 2023, and features a background image of a globe with the US and EU flags. Below this, three smaller news items are displayed: 1) 'Destination Earth industry partnership reinforced as Core Service Platform providers are announced' with a 'NEWS' tag and a globe icon; 2) 'ESA developing user access point for Destination Earth' with a 'NEWS' tag and a globe icon; 3) 'Empowering community collaboration in Earth system modelling: highlights from the 1st DestinE Users Exchange' with a 'DESTINE JOURNAL' tag and a photo of a panel discussion.



< > Today **Upcoming** ▾



July 2023

WED  
**19**

**WEBINAR**

July 19 @ 12:00 pm - 1:00 pm CEST

**Roadshow Webinar: Participation and Upcoming Collaboration Opportunities Today**

The Destination Earth initiative is focusing on co-development with its users to ensure a greater responsiveness to the needs of decisions makers at many different geographic levels and in diverse sectors.



November 2023

MON  
**13**

**Bonn**

November 13 @ 9:00 am - November 14 @ 5:00 pm CET

**2nd Destination Earth User eXchange**

The 2nd Destination Earth User eXchange will be held in Bonn, Germany on 13 and 14 November 2023.



< Previous Events

Next Events >

[Subscribe to calendar](#) ▾



# Events

**SAVE THE DATE!**

# Second Destination Earth User eXchange

13–14 November 2023  
Bonn, Germany



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**Destination Earth**

implemented by







# Destination Earth

Core Service Platform Use Cases

Contractors



ARISTOTLE  
UNIVERSITY  
OF THESSALONIKI

Trust-IT Services  
*communicating to markets*

## Upcoming sections



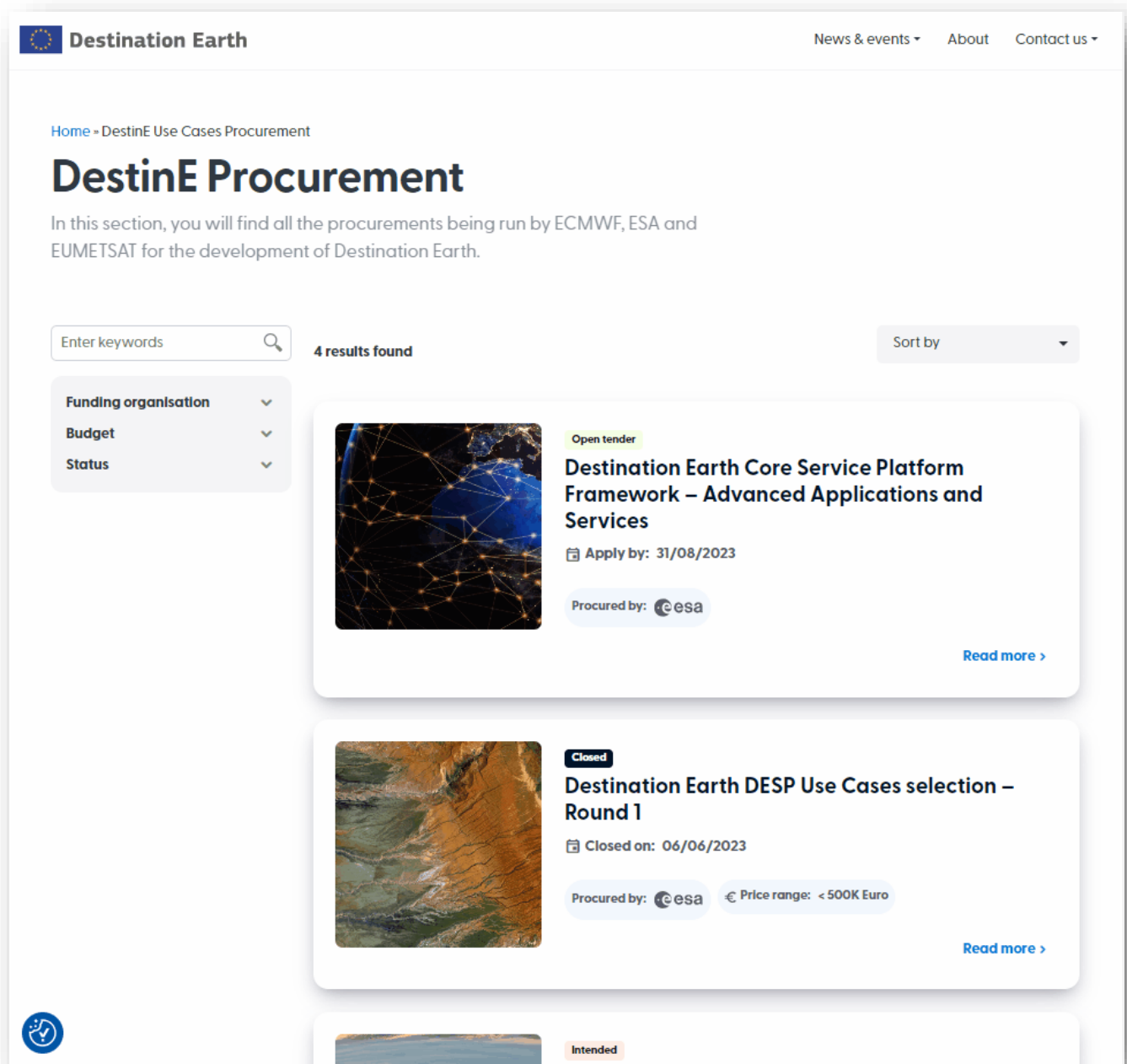
Destination Earth

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the European Union



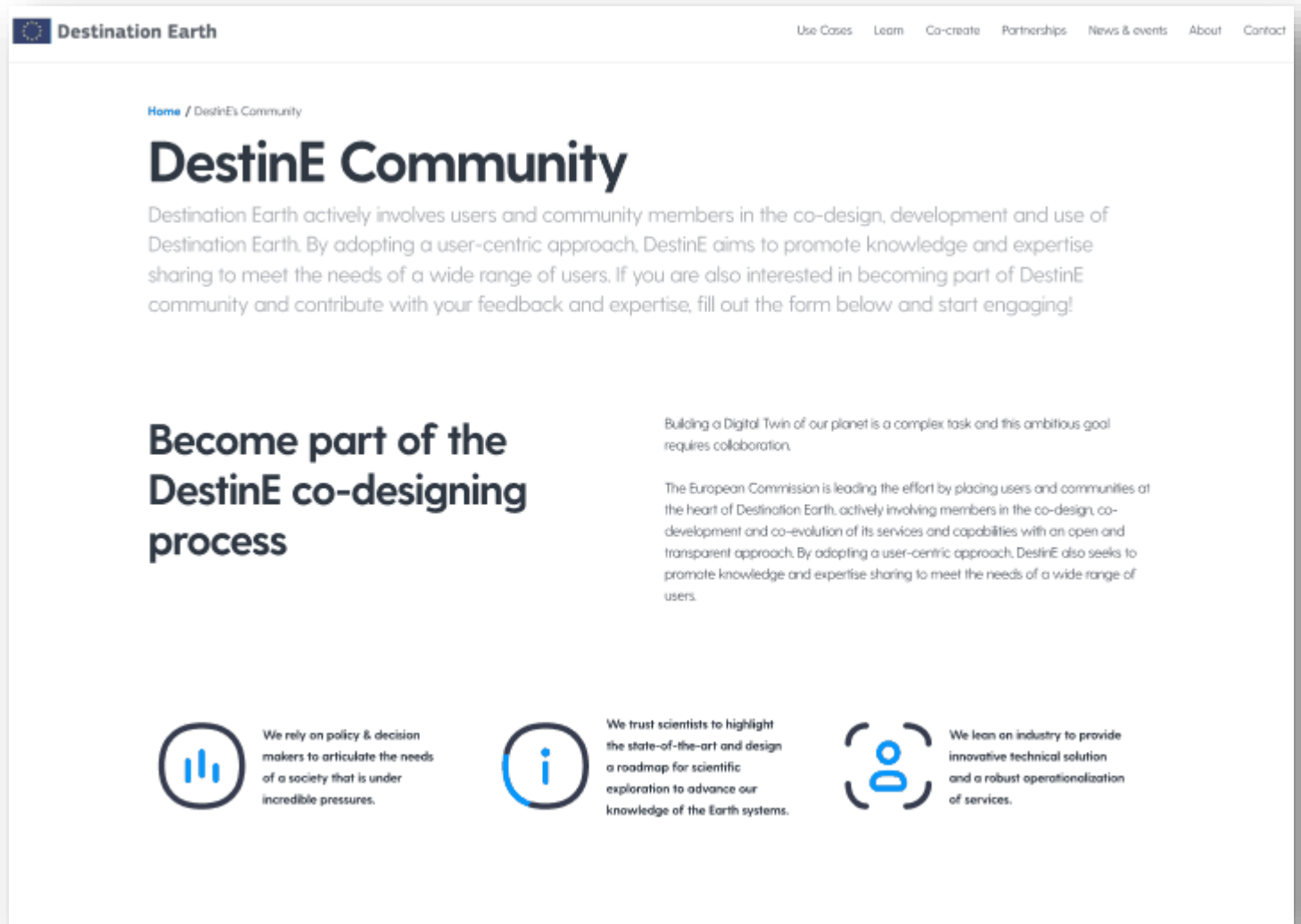
Implemented by  esa

# Procurement



The screenshot shows the Destination Earth procurement portal. At the top, there is a navigation bar with the Destination Earth logo, the text "Destination Earth", and links for "News & events", "About", and "Contact us". Below the navigation bar, a breadcrumb trail reads "Home » DestinE Use Cases Procurement". The main heading is "DestinE Procurement", followed by a descriptive paragraph: "In this section, you will find all the procurements being run by ECMWF, ESA and EUMETSAT for the development of Destination Earth." A search bar with the placeholder "Enter keywords" and a magnifying glass icon is on the left, with "4 results found" displayed to its right. A "Sort by" dropdown menu is on the far right. On the left side, there are three filter categories: "Funding organisation", "Budget", and "Status", each with a downward arrow. The main content area displays three procurement cards. The first card is titled "Destination Earth Core Service Platform Framework – Advanced Applications and Services", marked as "Open tender", with an "Apply by" date of 31/08/2023 and is procured by ESA. The second card is titled "Destination Earth DESP Use Cases selection – Round 1", marked as "Closed", with a "Closed on" date of 06/06/2023, a price range of < 500K Euro, and is procured by ESA. The third card is partially visible and marked as "Intended". Each card includes a "Read more" link. A small circular icon is visible in the bottom left corner of the page.

# Community



The screenshot shows the 'DestinE Community' page on the Destination Earth website. The page features a navigation bar with links for 'Use Cases', 'Learn', 'Co-create', 'Partnerships', 'News & events', 'About', and 'Contact'. The main heading is 'DestinE Community', followed by a paragraph explaining the platform's user-centric approach. A section titled 'Become part of the DestinE co-designing process' includes two paragraphs of text. At the bottom, three icons represent different stakeholder groups: policy makers, scientists, and industry.

**Destination Earth** Use Cases Learn Co-create Partnerships News & events About Contact

[Home](#) / DestinE Community


## DestinE Community


Destination Earth actively involves users and community members in the co-design, development and use of Destination Earth. By adopting a user-centric approach, DestinE aims to promote knowledge and expertise sharing to meet the needs of a wide range of users. If you are also interested in becoming part of DestinE community and contribute with your feedback and expertise, fill out the form below and start engaging!


### Become part of the DestinE co-designing process

Building a Digital Twin of our planet is a complex task and this ambitious goal requires collaboration.

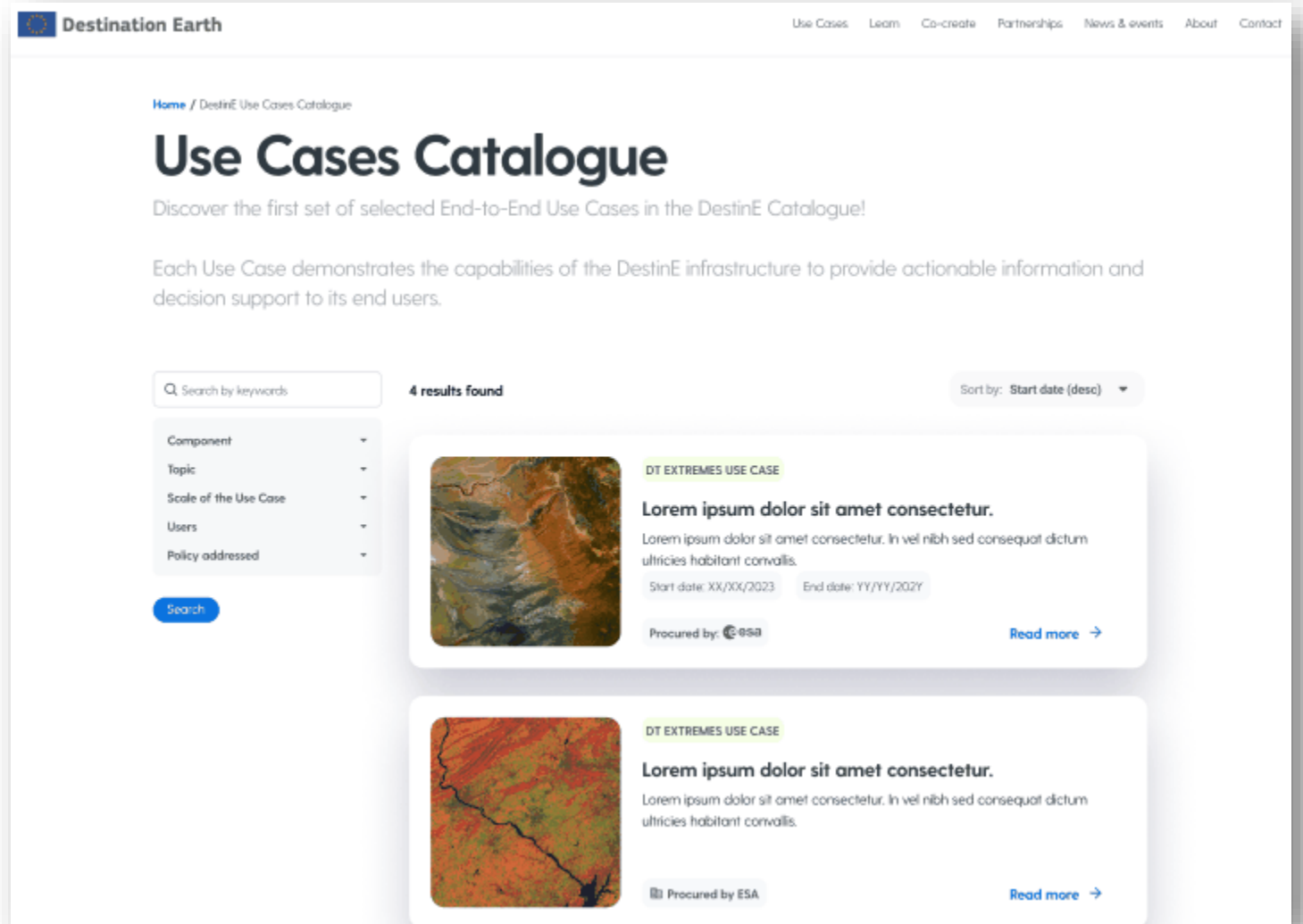
The European Commission is leading the effort by placing users and communities at the heart of Destination Earth, actively involving members in the co-design, co-development and co-evolution of its services and capabilities with an open and transparent approach. By adopting a user-centric approach, DestinE also seeks to promote knowledge and expertise sharing to meet the needs of a wide range of users.

 We rely on policy & decision makers to articulate the needs of a society that is under incredible pressures.

 We trust scientists to highlight the state-of-the-art and design a roadmap for scientific exploration to advance our knowledge of the Earth systems.

 We lean on industry to provide innovative technical solution and a robust operationalization of services.

# Use Cases



The screenshot shows the 'Destination Earth' website's 'Use Cases Catalogue' page. The page features a navigation bar with links for 'Use Cases', 'Learn', 'Co-create', 'Partnerships', 'News & events', 'About', and 'Contact'. Below the navigation, there is a breadcrumb trail 'Home / DestinE Use Cases Catalogue' and a main heading 'Use Cases Catalogue'. A sub-heading reads 'Discover the first set of selected End-to-End Use Cases in the DestinE Catalogue!'. A paragraph explains that each use case demonstrates the capabilities of the DestinE infrastructure. The main content area includes a search bar with the text 'Search by keywords', a filter menu with options like 'Component', 'Topic', 'Scale of the Use Case', 'Users', and 'Policy addressed', and a 'Search' button. To the right of the search bar, it indicates '4 results found' and a sort option 'Sort by: Start date (desc)'. Two use case cards are displayed, each with a satellite image, the title 'DT EXTREMES USE CASE', a bolded title 'Lorem ipsum dolor sit amet consectetur.', a paragraph of placeholder text, start and end dates, and a 'Procured by' field with the ESA logo. Each card also has a 'Read more' link with a right-pointing arrow.



# National DestinE Initiatives

The screenshot shows a web page from Destination Earth. At the top left is the Destination Earth logo. At the top right are navigation links: 'News & events', 'About', and 'Contact us'. Below the navigation is a breadcrumb trail: 'Home - National DestinE-related Activities'. The main heading is 'National DestinE-related Activities'. Below the heading is a sub-heading: 'Discover the multiple National DestinE-related activities across Europe in the interactive map below.' The central feature is a map of Europe where several countries are highlighted in a dark blue color, indicating active initiatives. A small circular icon is visible in the bottom left corner of the map area.



# Destination Earth

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# Visit now and bookmark us

[www.destination-earth.eu](http://www.destination-earth.eu)

Join the DestinE Community newsletter!

Home / DestinE Community

## DestinE's Community

Are you interested in joining the DestinE Community? Would you like to contribute by sharing your expertise and ideas? Fill in the form below and get involved in the co-creation journey! We will send you information on upcoming events, webinars, discussions, and other opportunities to shape how we advance towards a Digital Twin of the Earth!

### Become part of DestinE Community

Please fill out the form below to express your interest in joining the DestinE Community.

Policy-maker / Decision-maker  
 Research & Academia  
 Private Sector  
 General Public  
 DestinE Ecosystem (ESA, EUMETSAT, ECMWF, EC)

I agree to the Privacy Policy and Terms of Use

