



The CODE-DE Lab RESA Archive

How to perform a PlanetScope User Request



Who is this manual for?

This is for **existing users of the CODE-DE Lab platform**, who know and understand the data that are included in the CODE-DE Lab RESA Archive.

If you have checked that the data required to cover your needs are **not available in the Archive**, then this manual is for you!

What is this manual about?

To **request additional data** from Planet Labs which are not in the CODE-DE Lab RESA Archive, a user of CODE-DE Lab can perform a so-called “**PlanetScope User Request**”.

This manual explains the application used and the steps required to perform these requests.



Pre-conditions

Make sure you have...

- **registered** on the [CODE-DE Lab](#).
- added an **organization** to your user profile.
- requested access to the **CODE-DE Lab RESA Archive**.
- **have checked that the data you are looking for are NOT already in the archive!**
- created a **“PlanetScope User Request”** and have a positive evaluation of your application.



Create account

Email*

First Name* Last Name*

Password* Confirm Password*

- ✘ at least 16 characters
- ✘ contains at least 1 lowercase letter
- ✘ contains at least 1 capital letter
- ✘ contains at least 1 number
- ✘ contains at least 1 special character

Country* Telephone number

Category* Field of Activity*

select all

* Accept [Terms and Conditions](#)

* Accept [Privacy Policy](#)

Accept [Microsoft SPLA End Users Licence Terms](#)

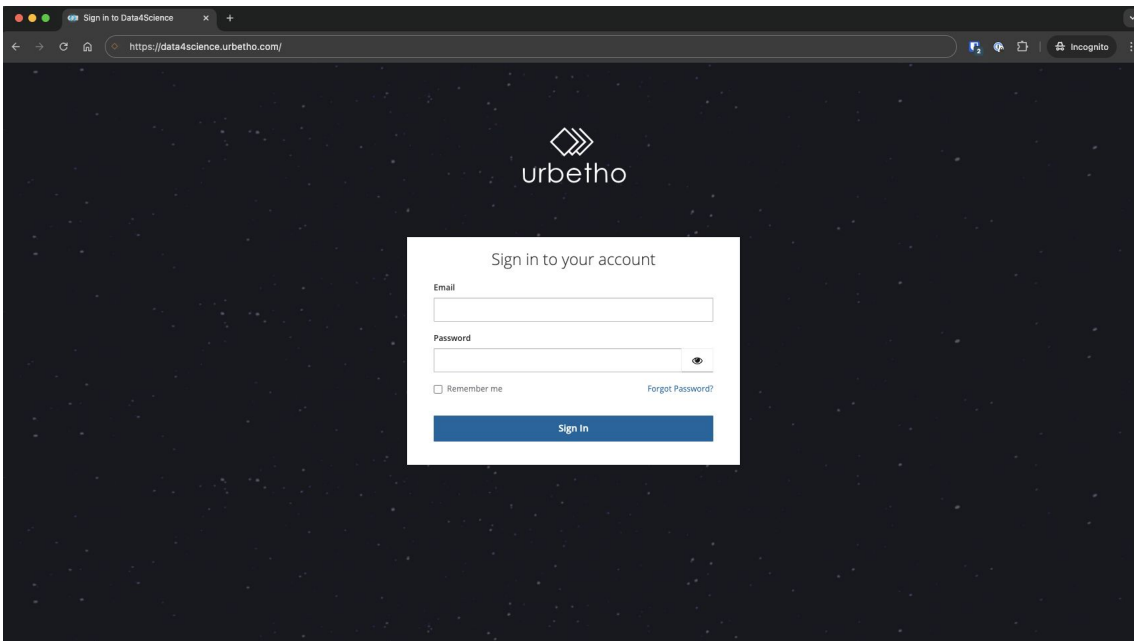
* Required

Log in on the data4science portal

With your **approved application** for a “PlanetScope User Request” you were provided with a set of **credentials** (check your registered email address) to log in to the [data4science](https://data4science.urbetho.com/) portal.

Furthermore you have been granted an **amount of credits**, which was already added to your account. You can [review that in your user profile](#).

https://data4science.urbetho.com



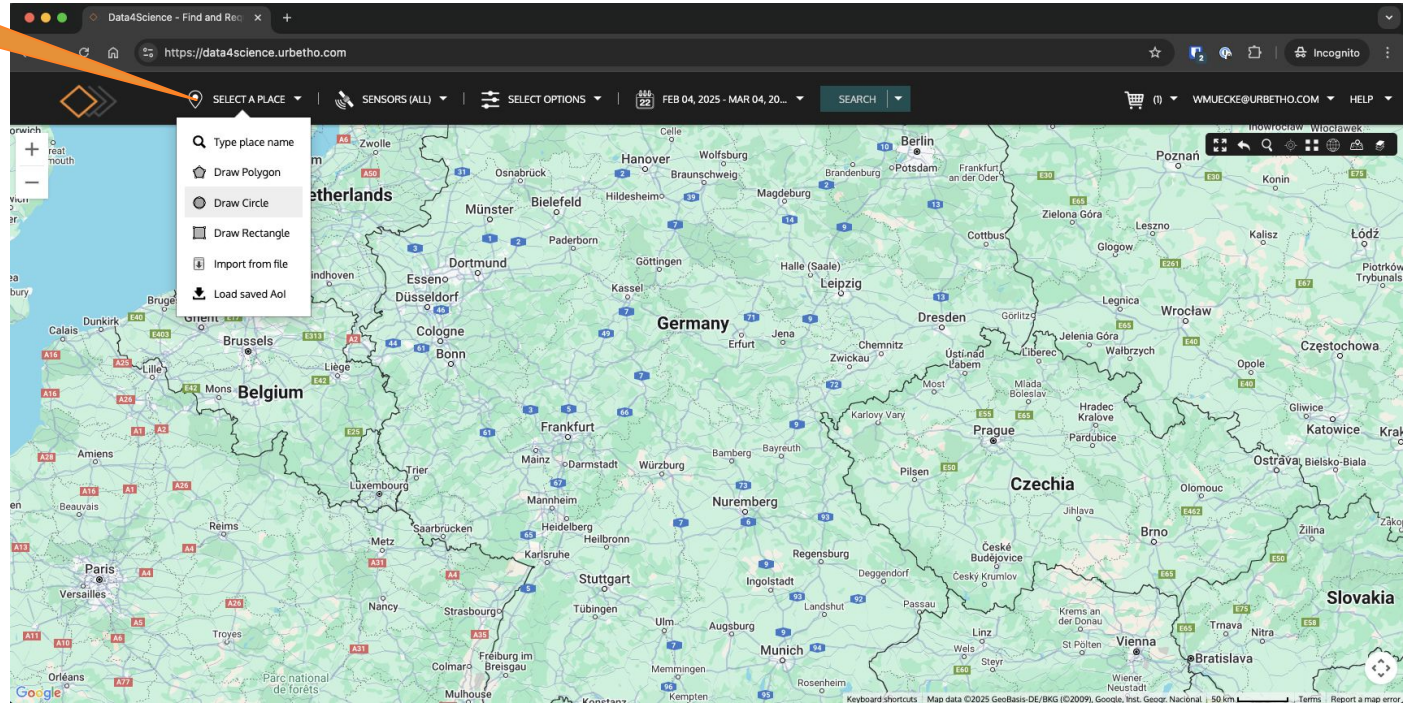
Overview of the ordering process

Make AOI Selection

Different options are available for making an **Area-Of-Interest selection**.

Search by place name, draw polygon or import your own from a file.

Final files will be **clipped to the boundary** you provided!

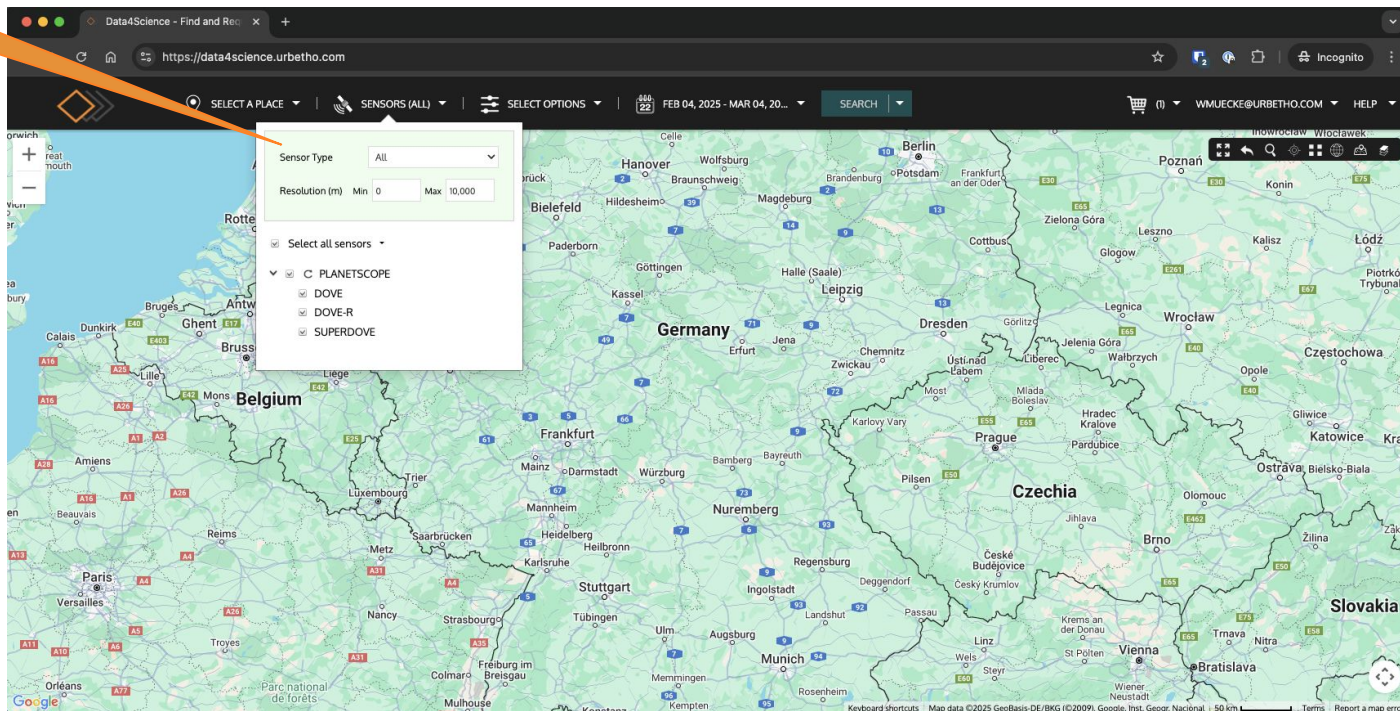


Overview of the ordering process

Sensor Selection

We currently offer the **Planet Labs Dove Satellites** for selection.

Tick or untick the checkboxes according to your needs.

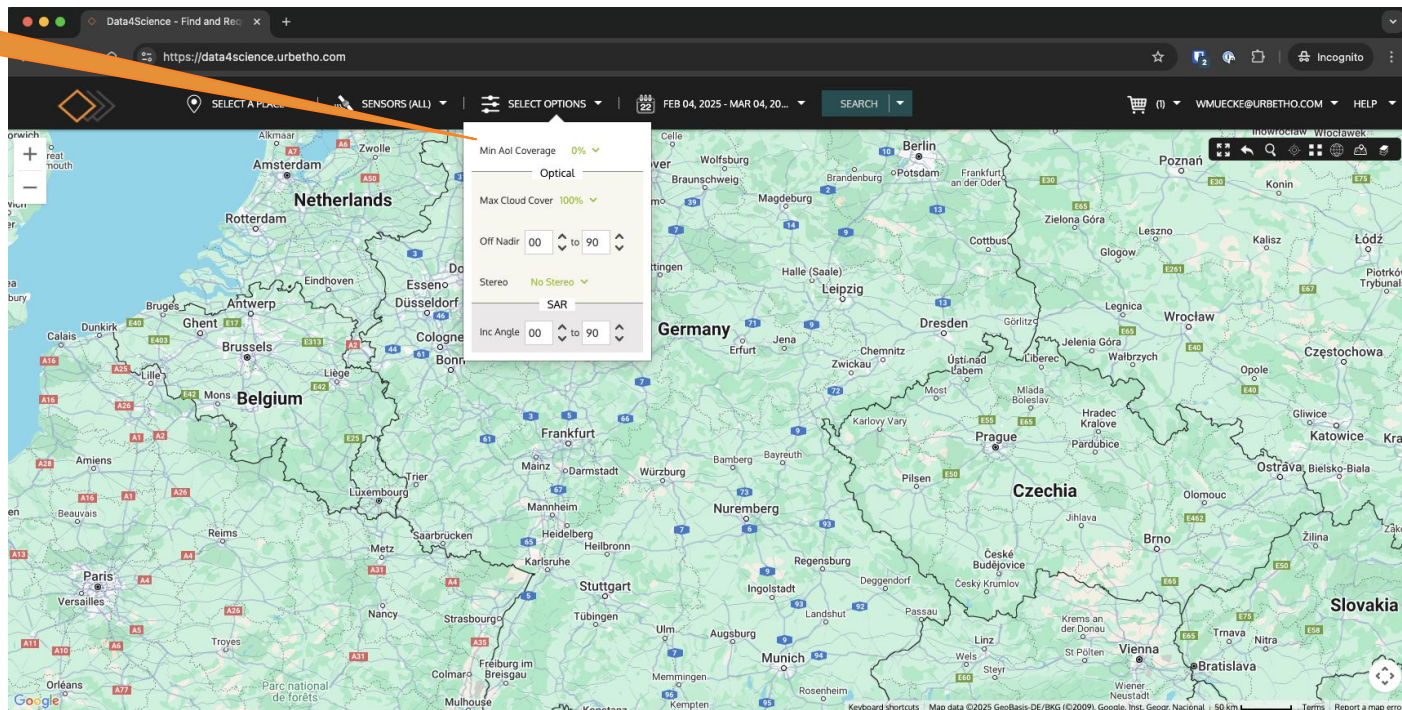


Overview of the ordering process

Additional Options

Define options like **minimum AOI coverage** or **maximum cloud cover** in percent.

Settings for Off-Nadir, Stereo and SAR are not applicable for this scenario.



Overview of the ordering process

Date Range

Select a **date range** for your search.

Choose from a **date picker** and start / end date definition, or **select a fixed range backwards** (e.g. 1 week) from today's date.

Once you are done, hit the Search button!

The screenshot shows the Data4Science web application interface. At the top, there is a navigation bar with a search bar and a date range selector set to "FEB 04, 2025 - MAR 04, 2025". Below this, a date range picker is open, displaying three calendar views for 2025: January, February, and March. The date range is defined as starting on February 04, 2025, and ending on March 04, 2025. The background is a map of Europe, showing major cities and countries like the Netherlands, Germany, Belgium, France, Czechia, and Slovakia. The interface includes various controls for selecting a place, sensors, and options, along with a search button.

Overview of the ordering process

Search results

Once you performed your search, you will be presented with a **tiled list of results**.

It will show you the **imagery that fits your respective search parameters**.

Feel free to go through the **online introduction**, or just skip it and move to the next section!

The screenshot displays the Data4Science web application interface. At the top, the browser address bar shows the URL: `https://data4science.urbetho.com/#map/iewer:query=R07ZShXmfWewNLMF`. The application header includes navigation icons for POLYGON, SENSORS (1), and OPTIONS (2), along with a date range of MAY 01, 2024 - AUG 31, 2024 and a SEARCH button. Below the header, a dark green banner indicates "49 CATALOGUE PRODUCTS FOUND". The main content area features a grid of product tiles, each showing a satellite image thumbnail and product details such as "PLANETSCOPE SUPERDOVE", the acquisition date and time, and the price. A white notification pop-up is overlaid on the grid, containing the text: "Congratulations on your search! Let's see how you can efficiently browse your search results and select the best imagery for your needs." Below the text are five stars and three buttons: "Skip", "Back", and "Next". To the right of the grid is a map showing the search area with a red grid overlay. The map includes various geographical labels and a Google Maps interface at the bottom.

Overview of the ordering process

Select a product...

...and it will be **highlighted**, as well as the **footprint** shown on the map.

Additionally you can use a time slider to browse your results.

The screenshot displays the Data4Science web interface. The browser address bar shows the URL: `https://data4science.urbetho.com/#map/iewer:query=R07ZShXmfWewNLMF`. The interface includes a navigation bar with 'SENSORS (1)', 'OPTIONS (2)', and a date range 'MAY 01, 2024 - AUG 31, 2024'. Below the navigation bar, a header indicates '49 CATALOGUE PRODUCTS FOUND'. The main content area features a grid of eight product cards, each with a satellite image thumbnail and the following details:

- PLANETSCOPE SUPERDOVE**
- May 01, 2024 at 09:34:40 UTC | 3.4m**
- Price: 21 Credits - delivery 30 mins**

The remaining cards follow a similar pattern with different dates and prices (3.8m, 3.3m, 3.4m, 3.4m). Each card includes icons for cart, search, zoom, and information. To the right of the product grid is a map of Berlin and surrounding areas, with a blue rectangular footprint overlaid on the city center. A time slider is visible at the top of the map, and an orange arrow points from the selected product card to this slider.

Let's take a closer look at an individual product's information & options

The central product card displays a satellite image of a forested area. Below the image, the text reads: "PLANETSCOPE SUPERDOVE", "May 02, 2024 at 09:23:49 UTC 3.8m", and "Price: 2.1 Credits - delivery 30 mns". At the bottom of the card is a row of icons: a checkmark, a shopping cart, a location pin, a magnifying glass, a house, a document, and a person.

Callout boxes provide the following information:

- Quickview**: Points to the satellite image.
- Acquisition time**: Points to the date and time "May 02, 2024 at 09:23:49 UTC".
- Estimated price, 1 km² = 1 credit**: Points to the price information.
- Ground resolution**: Points to the resolution "3.8m".
- Shows the product information.**: Points to the product name and acquisition details.
- Opens the product in a new window.**: Points to the document icon.
- To download the product footprint, e.g. as a shape file.**: Points to the location pin icon.
- This will overlay product's quickview on the map.**: Points to the magnifying glass icon.
- This will overlay product's quickview on the map.**: Points to the house icon.
- Uncheck to hide product from the map.**: Points to the checkmark icon.
- Click to add product to shopping cart.**: Points to the shopping cart icon.

At the bottom left, there is a color calibration bar with five colored squares: green, blue, cyan, orange, and red.

Overview of the ordering process

Shopping cart

All the products that you selected for the shopping cart are listed.

You can **review** them once more and **delete** them, if necessary.

[Click on “Request Products” to proceed with your order.](#)

The screenshot displays the PlanetScope SuperDove ordering interface. The main view shows a grid of 8 product cards, each with a satellite image, technical specifications, and pricing. A modal window titled "Catalogue products" is open, listing three selected products and a "REQUEST PRODUCTS" button. The background shows a map with a grid overlay and various UI elements like search, filters, and a shopping cart icon.

Product Name	Start Date	Price	Delivery
PLANETSCOPE SUPERDOVE	May 01, 2024 at 09:34:40 UTC	3.4m	21 Credits - delivery 30 mins
PLANETSCOPE SUPERDOVE	May 01, 2024 at 10:15:37 UTC	4m	21 Credits - delivery 30 mins
PLANETSCOPE SUPERDOVE	May 02, 2024 at 09:23:49 UTC	3.8m	21 Credits - delivery 30 mins
PLANETSCOPE SUPERDOVE	May 03, 2024 at 09:21:02 UTC	3.9m	21 Credits - delivery 30 mins
PLANETSCOPE SUPERDOVE	May 06, 2024 at 09:26:12 UTC	3.8m	21 Credits - delivery 30 mins
PLANETSCOPE SUPERDOVE	May 06, 2024 at 09:28:18 UTC	3.3m	21 Credits - delivery 30 mins
PLANETSCOPE SUPERDOVE	May 06, 2024 at 10:34:54 UTC	3.4m	21 Credits - delivery 30 mins
PLANETSCOPE SUPERDOVE	May 06, 2024 at 10:34:56 UTC	3.4m	21 Credits - delivery 30 mins

Overview of the ordering process

Detailed overview of shopping cart

Here you will see the individual products you selected.

Furthermore, you must specify which product bundle you would like to download.

Information about product bundles is [available here!](#)

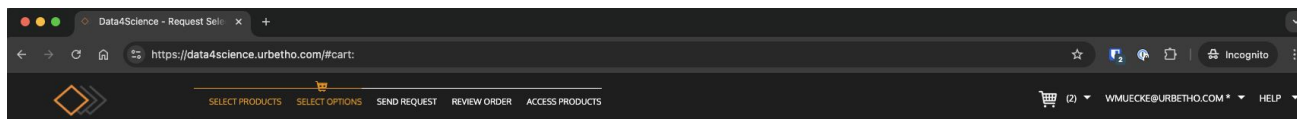
Price for selected product

The screenshot displays the Data4Science website interface. At the top, a navigation bar includes 'SELECT PRODUCTS', 'SELECT OPTIONS', 'SEND REQUEST', and 'REVIEW ORDER'. Below this, a message states 'THERE ARE 3 PRODUCT REQUESTS IN YOUR SELECTION' with a 'Send request' button. A product card for 'Selection from PLANETSCOPE image' is shown, featuring a satellite image thumbnail. The text below the thumbnail reads: 'This product was acquired on 2024-09-03 10:33:00 UTC by the SUPRADOVE sensor on the PLANETSCOPE satellite. Selected area is 125.4 km². Click on the image footprint in the map to change the default selection. Price per square kilometers of image is 1.00 Credits. The price for this selection is 125 Credits.' Below the product card, there are sections for 'Specify your licensing and ordering options', 'Licensing conditions' (No license required), 'Product options' (Product bundle: Visual, File format: TIFF), and 'View the basic product metadata'. An 'Estimated price 125 Credits' is displayed at the bottom. To the right, a map of Central Europe shows a red footprint over a region in Germany, with a callout box pointing to it from the 'Price for selected product' text.

Overview of the ordering process

Summary of order

Here the **total price in credits** for this order will be displayed.



View the basic product metadata

Estimated price 2.1 Credits

Total estimated price for this request: 127 Credits

Send Request

Press 'Send Request' to submit your request to our ordering desk service. We will confirm price and delivery time. You can pay or remove products in your order management page.

You can transfer your cart content to one of your organisation's members. Press [Transfer Products](#) to choose which colleague to transfer it to.

You can transfer your cart content to one of your proposals. Press [Transfer to Proposal](#) to select a proposal.

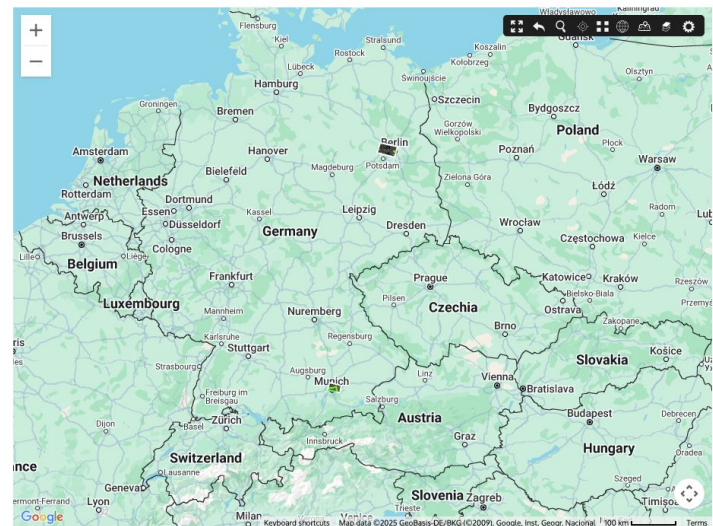
You can [export](#) your cart content or [import](#) product requests into your cart.

Important: please check your selected image(s) carefully before proceeding with your order. In particular, please note the following:

- For optical (including visible) catalogue imagery, the presence of any cloud cover should be checked carefully in the quicklook imagery, noting that it can be thin and partially transparent.
- The ground sampling distance of the imagery (which determines how well the imagery can resolve a feature on the ground) degrades with off-nadir (off-vertical) pointing which is defined in the product metadata above. For off-nadir pointing of 20 degrees or more, please note the ground sampling distance of the imagery will degrade significantly. Find out more on resolution.
- The geometric positioning accuracy of the imagery varies significantly between different satellite instruments. The metadata value given relative to CE90 is indicative of the potential uncertainty in horizontal positioning of the imagery before any orthorectification is carried out. Find out more on positioning accuracy.

If in doubt, please contact us before ordering your imagery, using the chat window or by email at orders@geocento.com.

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When ready, click on "Send Request" to proceed.

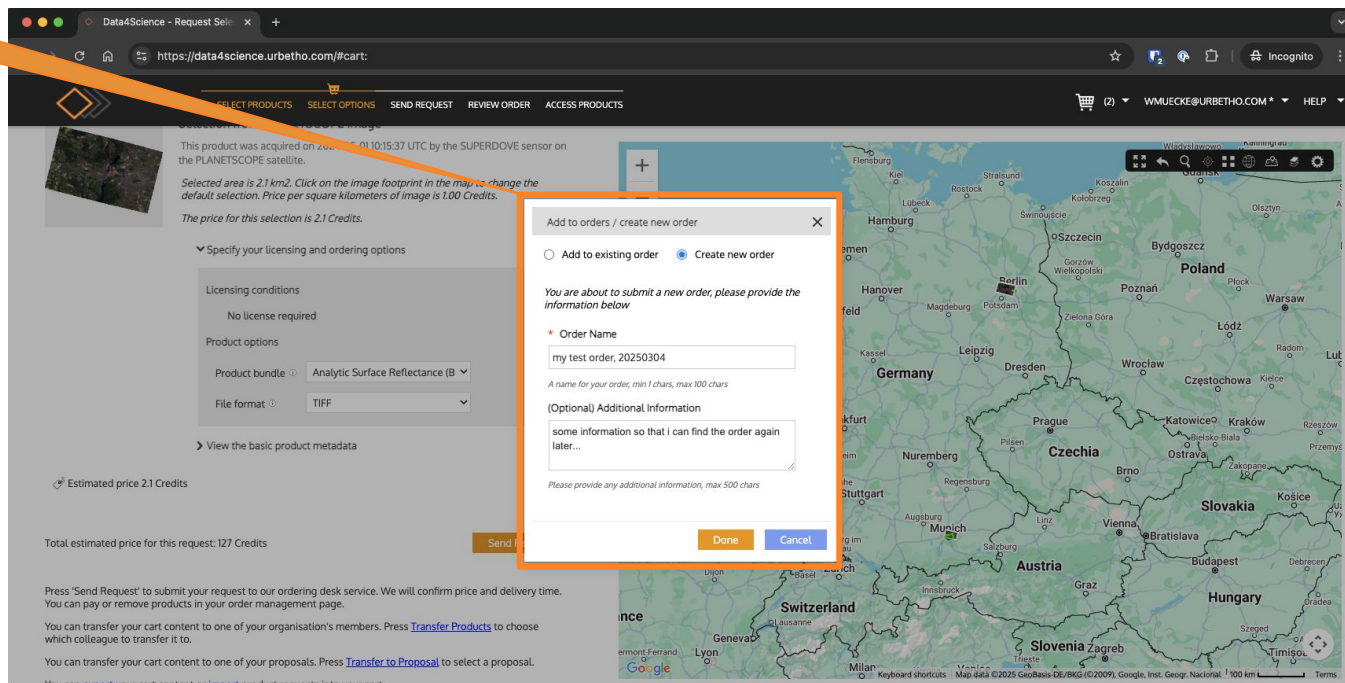
Overview of the ordering process

Order details

Either add the selected products to an **existing order of yours, or create a new order.**

Add information so that you are able to **identify the order later** in the overall list of your orders.

When ready, click on “Done” to proceed.



The screenshot shows a web browser window with the URL <https://data4science.urbetho.com/#cart>. The page displays a product selection interface with a map of Europe. A modal window titled "Add to orders / create new order" is open, showing options to "Add to existing order" or "Create new order". The "Create new order" option is selected. The modal contains the following fields and text:

- Radio buttons for "Add to existing order" and "Create new order" (selected).
- Text: "You are about to submit a new order, please provide the information below"
- Form field for "Order Name" with the value "my test order, 20250304".
- Text: "A name for your order, min 1 chars, max 100 chars"
- Form field for "(Optional) Additional Information" with the value "some information so that i can find the order again later...".
- Text: "Please provide any additional information, max 500 chars"
- Buttons for "Done" and "Cancel".

The background page shows a product selection interface with a map of Europe. The product is titled "This product was acquired on 2025-01-10 15:37 UTC by the SUPERDOVE sensor on the PLANETSCOPE satellite." and has a price of 2.1 Credits. The map shows a selected area in Central Europe, with cities like Berlin, Warsaw, and Prague visible.

Overview of the ordering process

Accept the terms & check out

Here you have to **accept of terms and conditions** by clicking on the checkbox.

Also this dialogue will **summarize how many credits** will be deducted from your account and how many will remain.

[Click on “Pay for Products” to place the order.](#)

Data4Science - Manage Order | x | +

https://data4science.urbetho.com/#order:orderid=oEavquRn1Bo6kNtx

SELECT PRODUCTS | SELECT OPTIONS | SEND REQUEST | REVIEW ORDER | ACCESS PRODUCTS

(0) | WMUECKE@URBETHO.COM | HELP

Your Order 'my test order, 20250304'

Back To Orders

Proceed to payment

You have 2 catalogue products quoted, for a total of 127.46 Credits.

You have enough credits remaining in your prepaid account (10164.48 Credits) to pay for this order. Credits left after the order will be: 10037.02 Credits. You can accept terms of sales and proceed to payment.

I accept the [Terms of Sales](#) [Pay for Products](#)

There are 2 catalogue products in this order. actions

NO QUICKLOOK AVAILABLE

Selection from PLANETSCOPE - SUPERDOVE product image

The original product was acquired on 2024-05-01 UTC by the SUPERDOVE sensor on the PLANETSCOPE satellite.

View selection, license, options and comments

Price 2.06 Credits QUOTED

NO QUICKLOOK AVAILABLE

Selection from PLANETSCOPE - SUPERDOVE product image

The original product was acquired on 2024-09-03 UTC by the SUPERDOVE sensor on the PLANETSCOPE satellite.

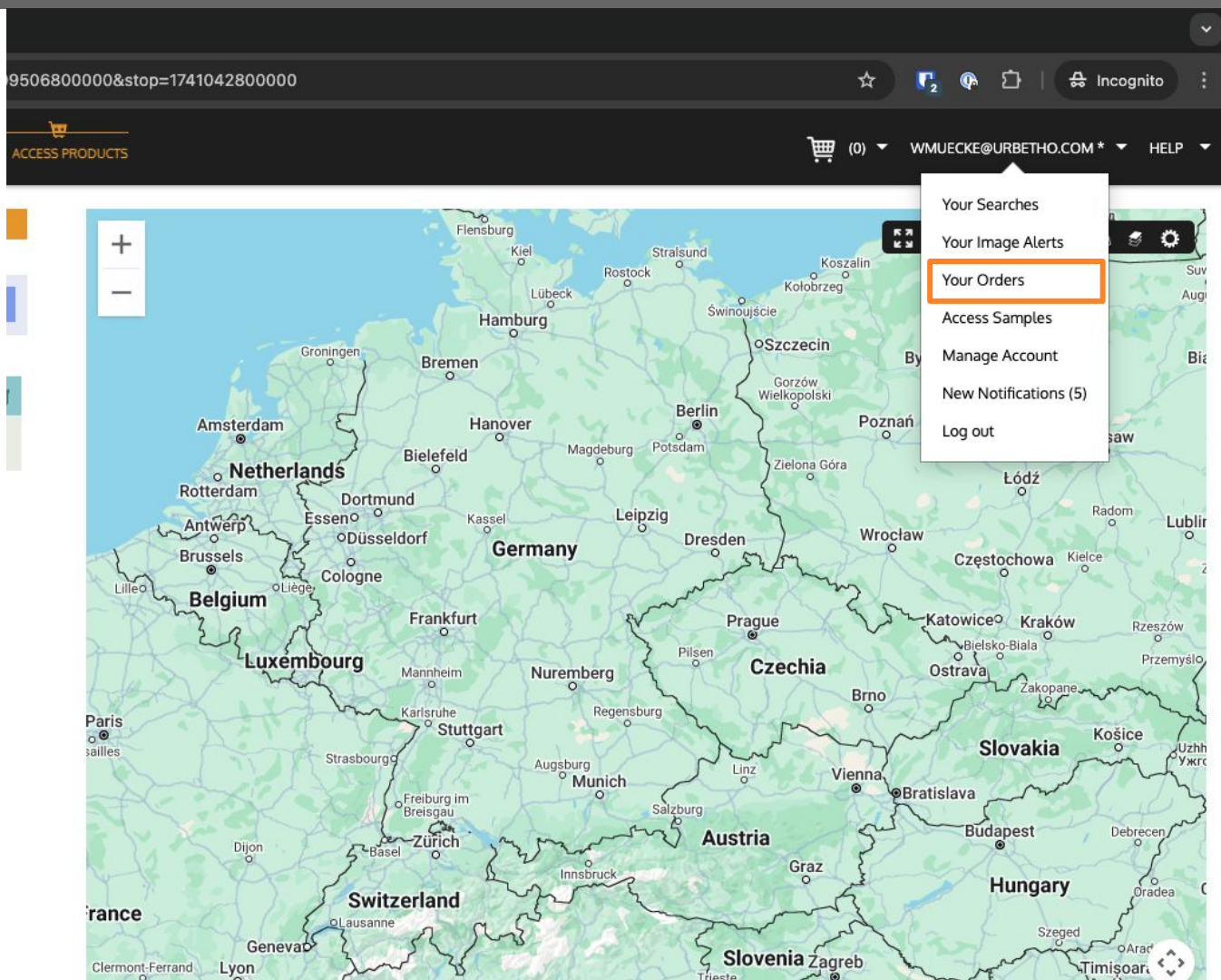
View selection, license, options and comments

Price 125.40 Credits QUOTED

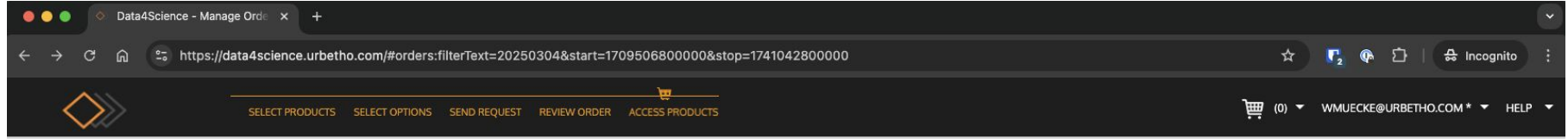
Review your orders

Your **user profile** contains the link to your past orders.

You have also **received an email** to your registered mailbox confirming your order!



Review your orders and check their status



Found 1 active orders

Back To Search

Name: Created:

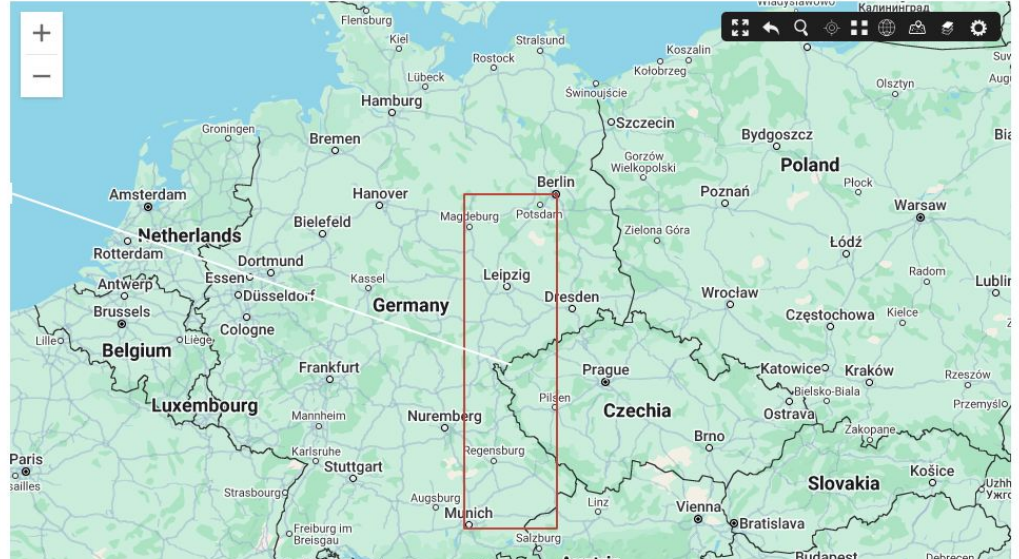
Name: my test order, 20250304

Description: some information so that i can find the order again later...

2 catalogue products Created on: Mar 04, 2025 Status: in production

Order status

View order details



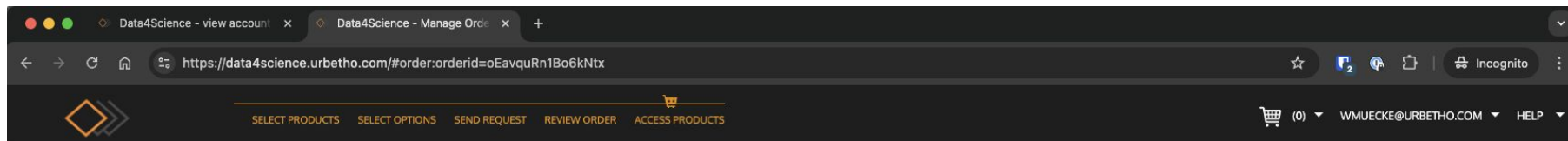
Review your orders and check their status

The screenshot shows a web browser window with the URL `https://data4science.urbetho.com/#order:orderid=oEavquRn1Bo6kNtx`. The page header includes navigation links: `SELECT PRODUCTS`, `SELECT OPTIONS`, `SEND REQUEST`, `REVIEW ORDER`, and `ACCESS PRODUCTS`. The main content area displays the order details for 'my test order, 20250304'. It lists two products, both identified as 'Selection from PLANETSCOPE - SUPERDOVE product image'. The first product was acquired on 2024-05-01 UTC, and the second on 2024-09-03 UTC. Each product entry includes a 'View selection, license, options and comments' link. A yellow 'IN PRODUCTION' label is positioned between the two product entries, with an orange arrow pointing from it to the 'Order status' box at the bottom left. To the right of the order details is a map of Europe, showing major cities and countries like Germany, Poland, Czechia, and Slovakia. The map has a date range from May 01, 2024, to Sep 01, 2024, and various map controls.

Order status

Depending on the size of your order, the delivery can take a few minutes to several hours. We thank you for your patience!

Download the products



Your Order 'my test order, 20250304'

[Back To Orders](#)

There are 2 catalogue products in this order.

actions ▾



Selection from PLANETSCOPE - SUPERDOVE product image

The original product was acquired on 2024-05-01 UTC by the SUPERDOVE sensor on the PLANETSCOPE satellite.

[View metadata and access layer display control](#)

[Download Original Product](#)

Free storage

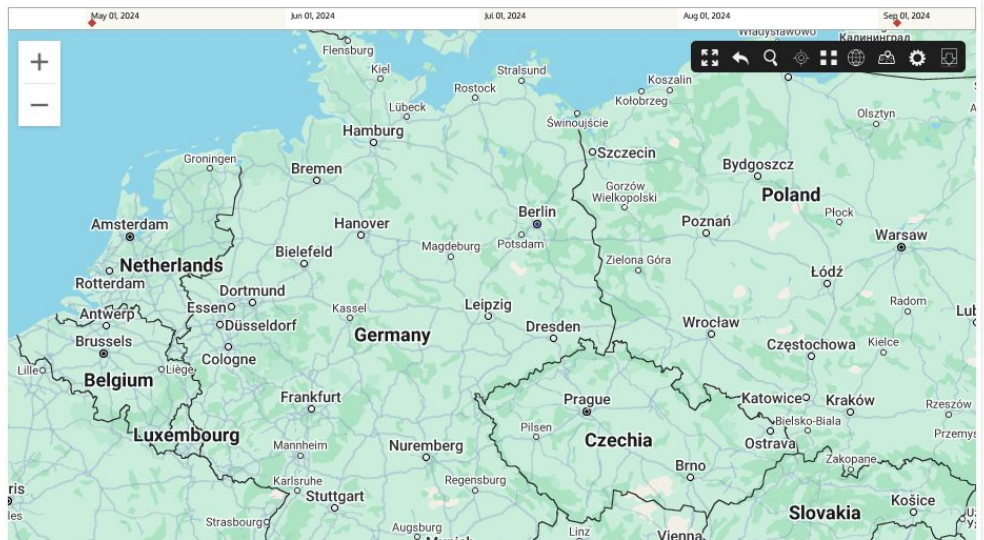
COMPLETED



Selection from PLANETSCOPE - SUPERDOVE product image

The original product was acquired on 2024-09-03 UTC by the SUPERDOVE sensor on the PLANETSCOPE satellite.

[View metadata and access layer display control](#)



Download the product through the browser

You will receive a zip file containing the product bundle you requested.

Managing your user profile

Access the profile manager

The screenshot shows a web browser window with the URL `https://data4science.urbetho.com/#settings:tab=...`. The page title is "MANAGE ACCOUNT". On the left, there is a sidebar menu with the following items: "Your Account", "User Information", "Payment Means", "Transactions", and "Documents". The main content area is titled "User Information" and contains several form fields: "Email" (with value "wmuecke@..."), "First Name", "Surname" (with value "Muecke"), and "Phone". Below these fields, the "Organisation Name" is listed as "Urbetho" and the "Organisation Address" is "Am Griesfeld 13 82239 Alling Germany".

Three orange callout boxes are overlaid on the page:

- Update your user information**: Points to the "User Information" section of the sidebar.
- Check the credit balance in your account**: Points to the "Payment Means" section of the sidebar.
- See your transaction (order) history**: Points to the "Transactions" section of the sidebar.

A dropdown menu is shown, containing the following items: "Your Searches", "Your Image Alerts", "Your Orders", "Access Samples", "Manage Account" (highlighted with an orange border), "New Notifications (5)", and "Log out".



Thanks for using CODE-DE Lab!

If you have any questions or comments, please send them to
support@code-de.org

