

KickOff- DR Energie

23/02/2022



Let's start a data driven future:

We believe that we can create a new reality.
A reality in which data is connected and creates value and
innovation. A reality in which data becomes an ecosystem.

FIND US HERE

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www.nexyo.io
info@nexyo.ag

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About nexyo

00 About us

What we have achieved so far



nexyo ist ein in Wien ansässiges Deep-Tech-Datenunternehmen, das eine innovative, einheitliche und skalierbare Plattform für verteilte Daten bereitstellt.

Verwalten, steuern und teilen Sie Daten mit einer einzigen Lösung. Wir bieten eine vertrauenswürdige digitale Umgebung, um alle Ihre Daten zu verbinden und mit anderen zusammenzuarbeiten.



Founded in 2020



Successful MVP launch



Paying customers



Located in Vienna



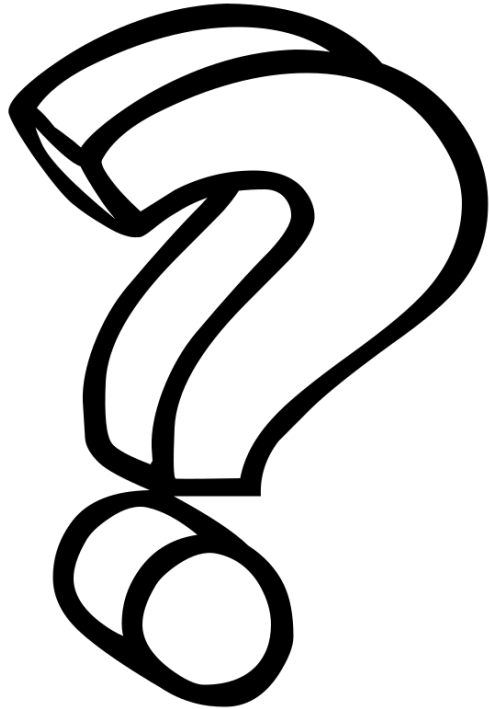
10 high profile FTE team



Lighthouse project partner

00 Das Problem

Daten und ihre Herausforderungen



- Daten können bisher nicht in Netzwerken eingesehen und geteilt werden, ohne dabei die Souveränität darüber zu verlieren.
- Daten zu teilen ist bisher mit sehr viel individuellem Aufwand verbunden.
- Man weiß nicht welche Daten oder Informationen Partner haben und zur Verfügung stellen könnten.
- Fehlendes Data Management und Überblick über mehrere Quellsysteme.

Das nexyo Hub

Das Tool für Datennetzwerke



- Souveräner Datenknotenpunkt – Anbindung von Connectoren möglich
- Bündelt dezentrale Daten und bietet ein Verwaltungstool
- Individuelle Steuerung von Datenzugriffsrechten in Netzwerken
- Dezentrale Architektur – kein Betreiber notwendig
- Verwalten von dezentralen Datenbeständen
- Daten zeigen und mit anderen teilen – zu individuellen Konditionen
- Industrie übergreifend
- Datenökosysteme operativ machen
- GAIA-X kompatibel

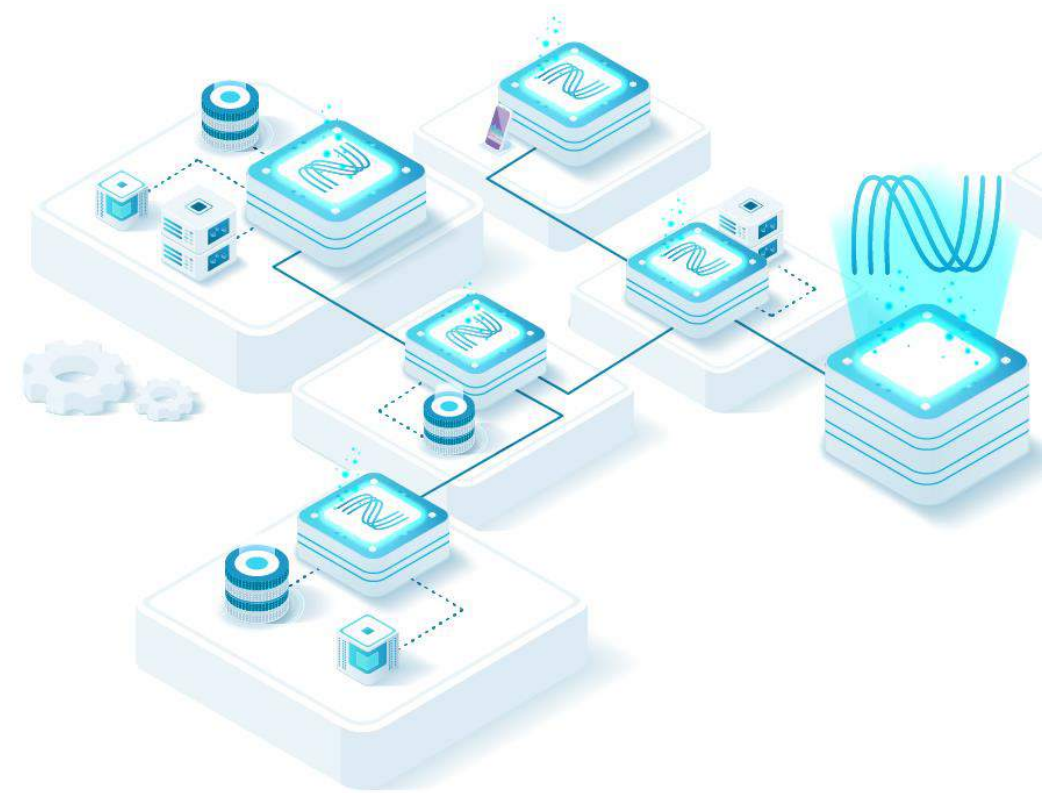
00 Ein Netzwerk für Daten

Netzwerke und ihre Möglichkeiten

Mit nexyo entsteht ein Netzwerk für Daten – die technologische Grundlage für jedes Datenökosystem.

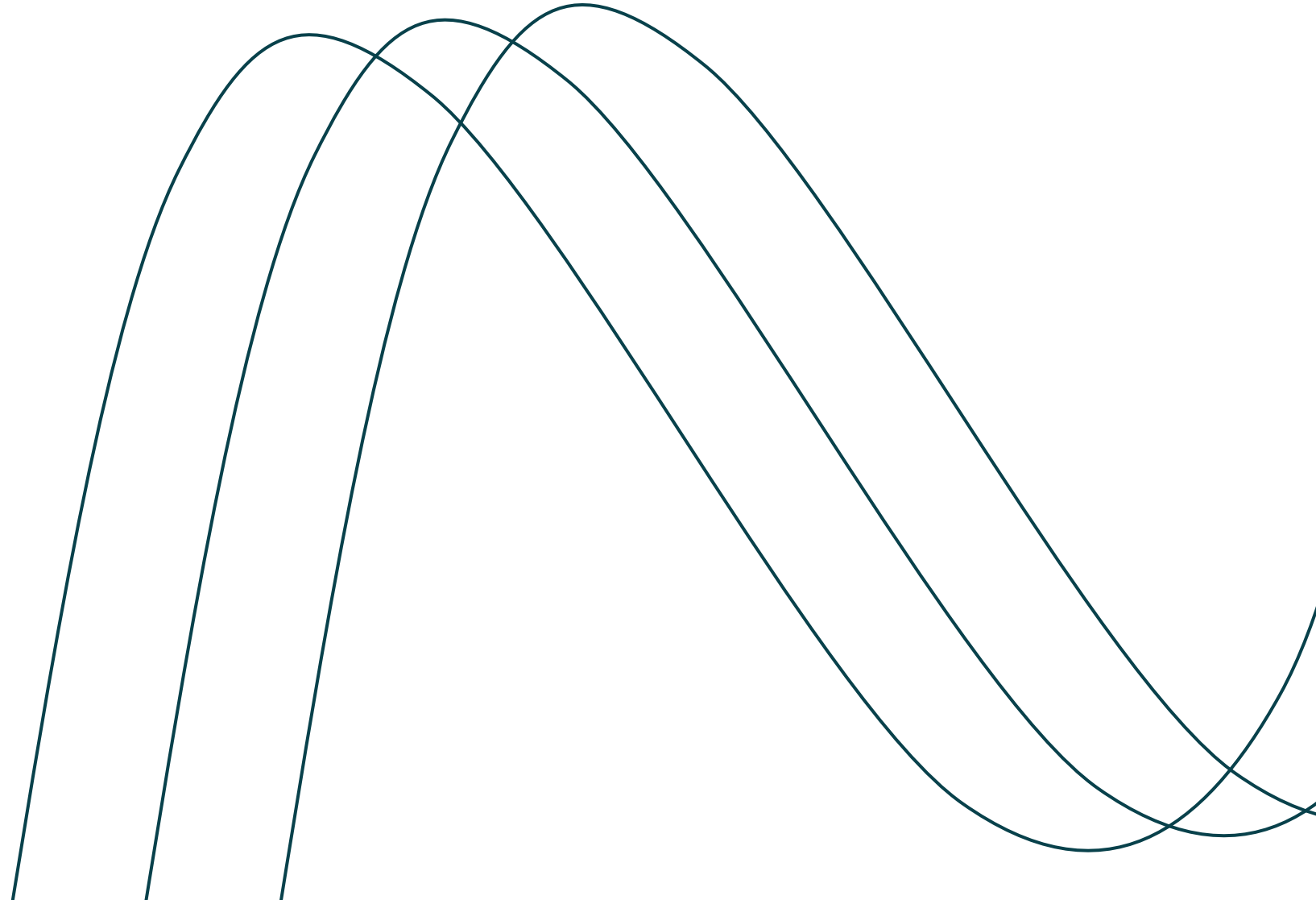
Damit lassen sich Daten über Unternehmensgrenzen hinweg abbilden und teilen, ohne die Hoheit zu verlieren.

Manage | Govern | Share – alles in einem trusted Netzwerk mit dezentralem und souveränem Ansatz!

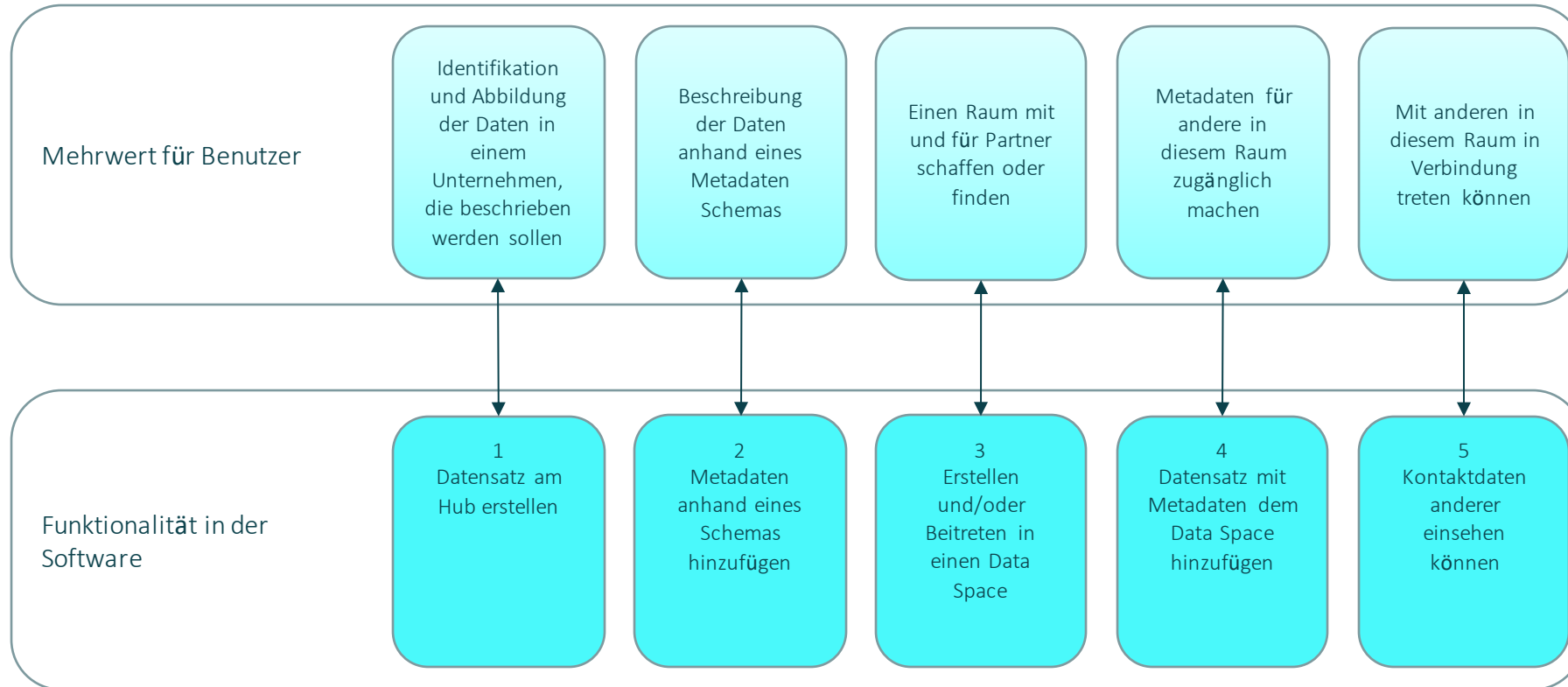


01

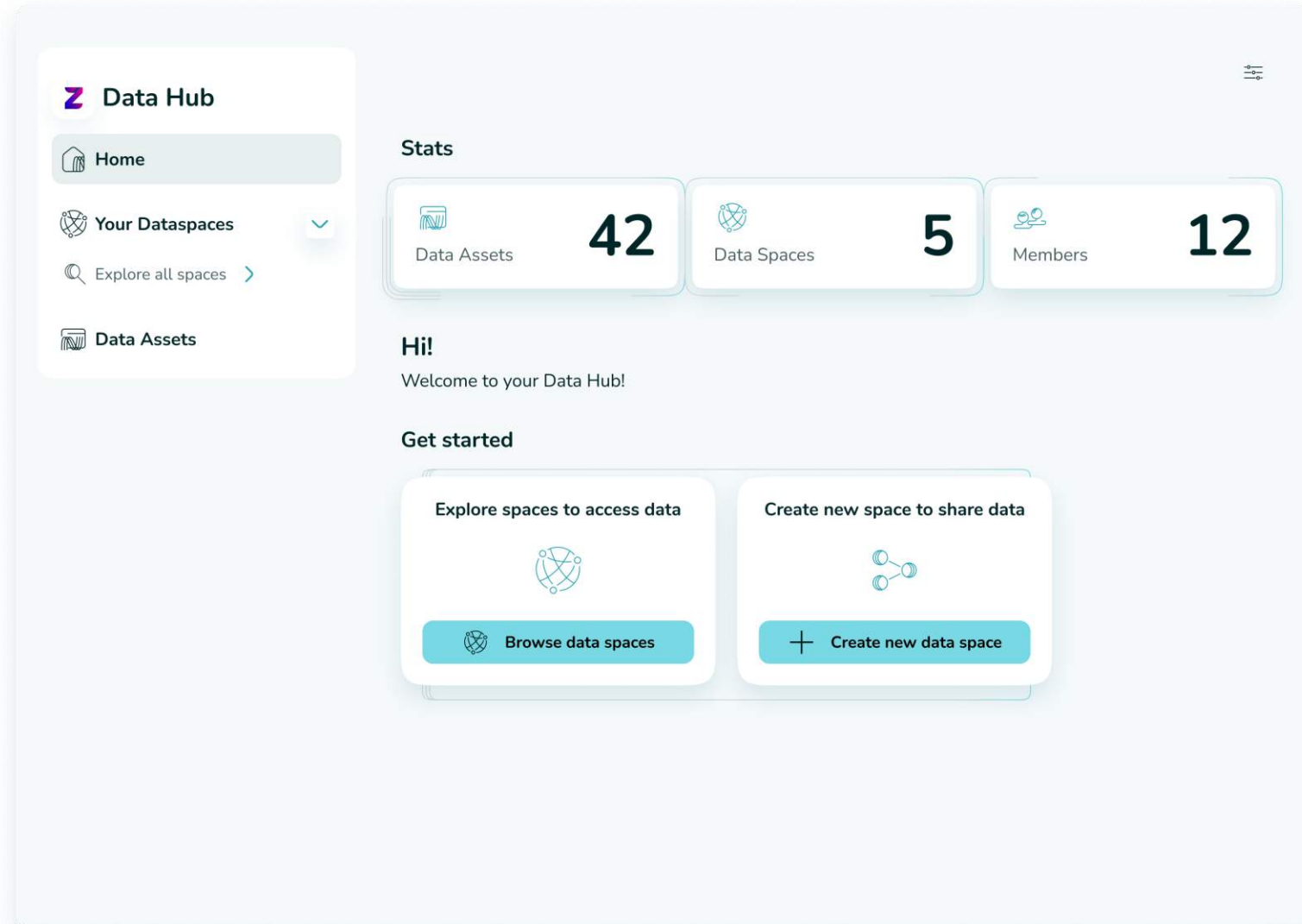
Software- Projektstart



Funktionsumfang zum Launch



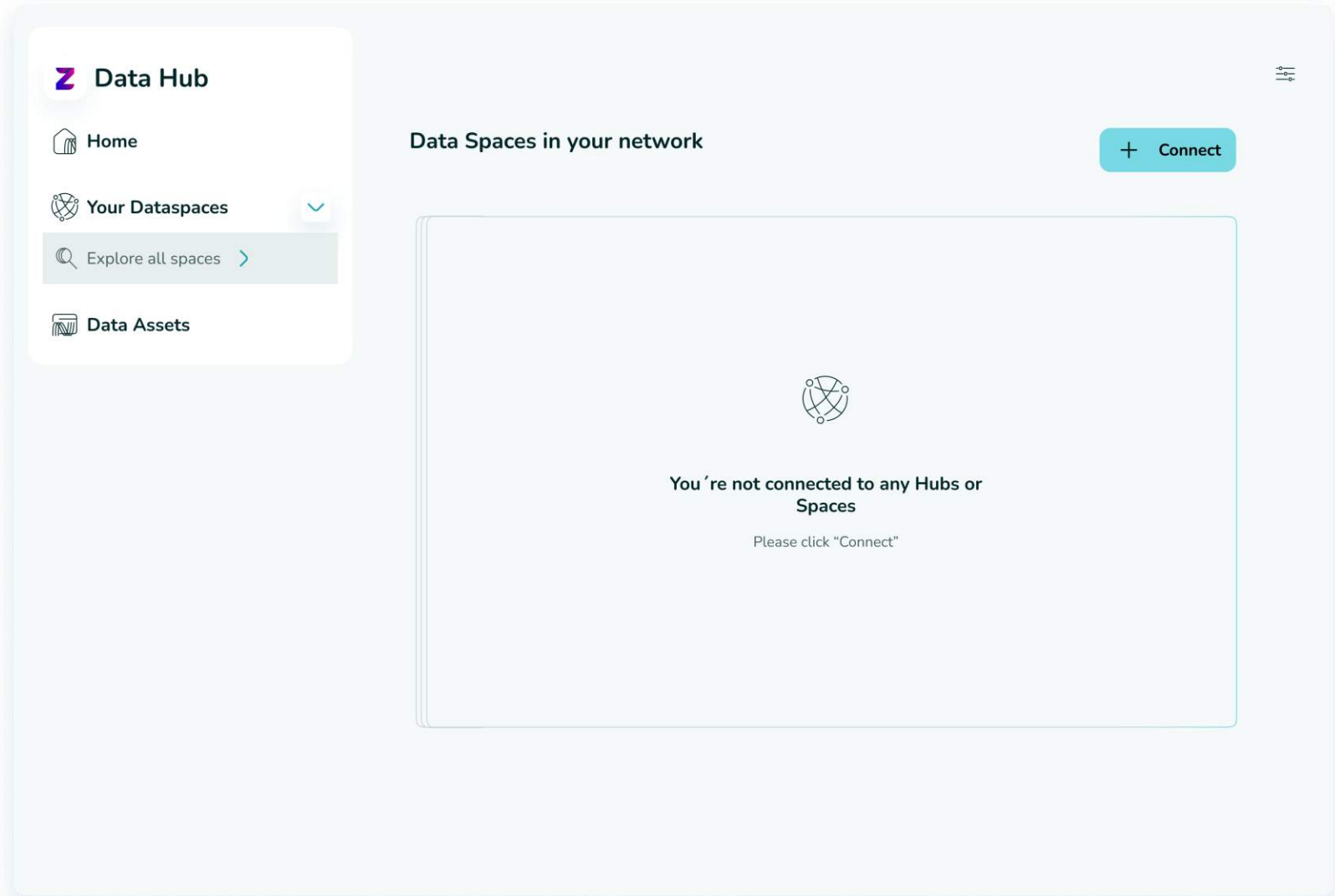
Screens - Home



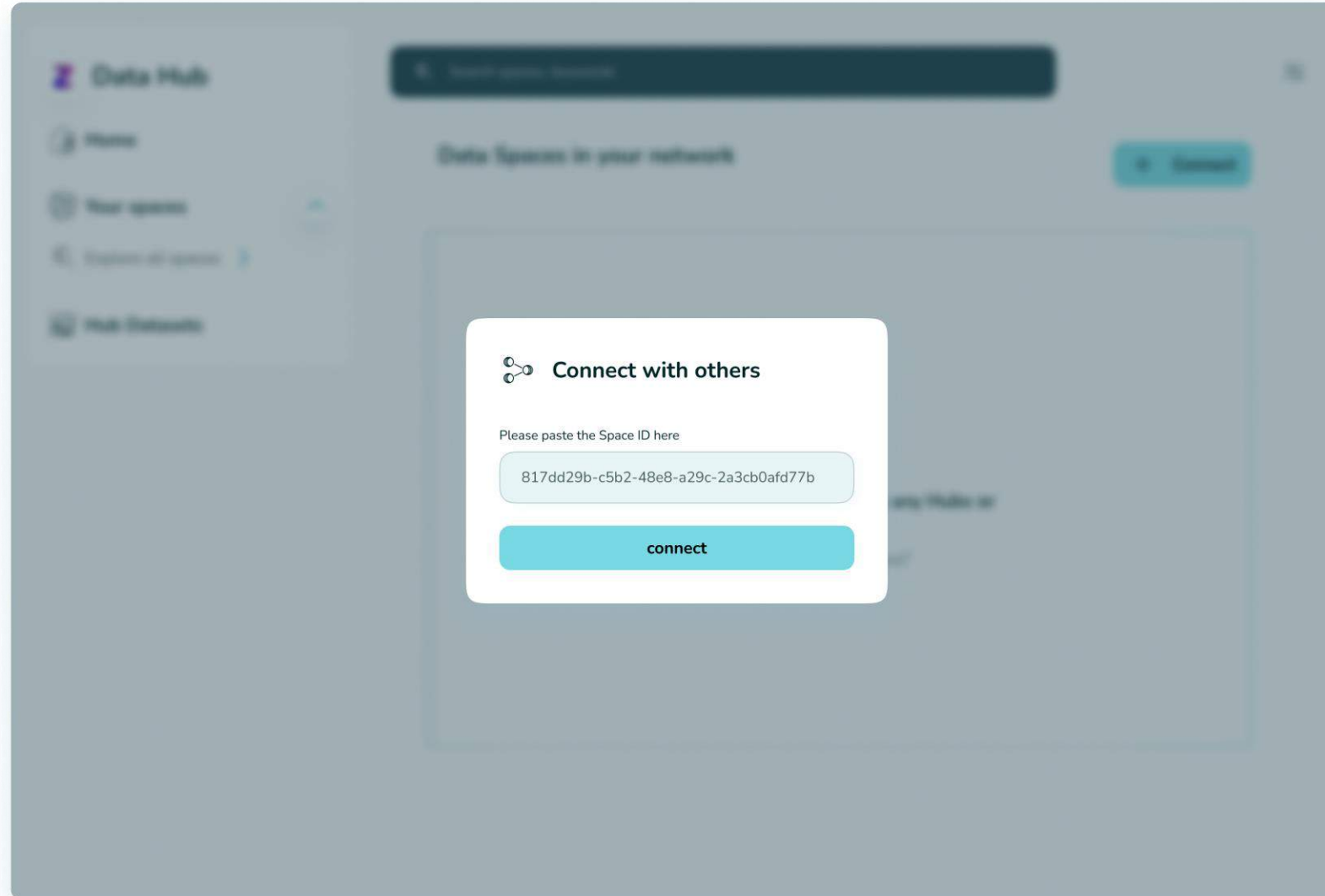
Screens – Assets

The screenshot displays the 'Data Hub' interface. On the left is a navigation sidebar with the following items: 'Data Hub' (with a 'Z' logo), 'Home', 'Your Dataspaces' (with a sub-menu containing 'Mobility', 'Impact forecasting', 'Aviation', 'Space', and 'Agriculture'), and 'Data Assets' (highlighted). The main content area is titled 'Data Assets on your Hub' and features a search bar with the placeholder text 'Search for assets or keywords', an '+ Add Data Asset' button, and a 'Sort by Alphabet' dropdown menu. Below this, there is a list of ten data assets, each represented by a card. Every card is titled 'Flight modelling' and includes three tags: 'Severe Weather', 'Modelling', and 'Forecasting'. A 'View' button is located on the right side of each card.

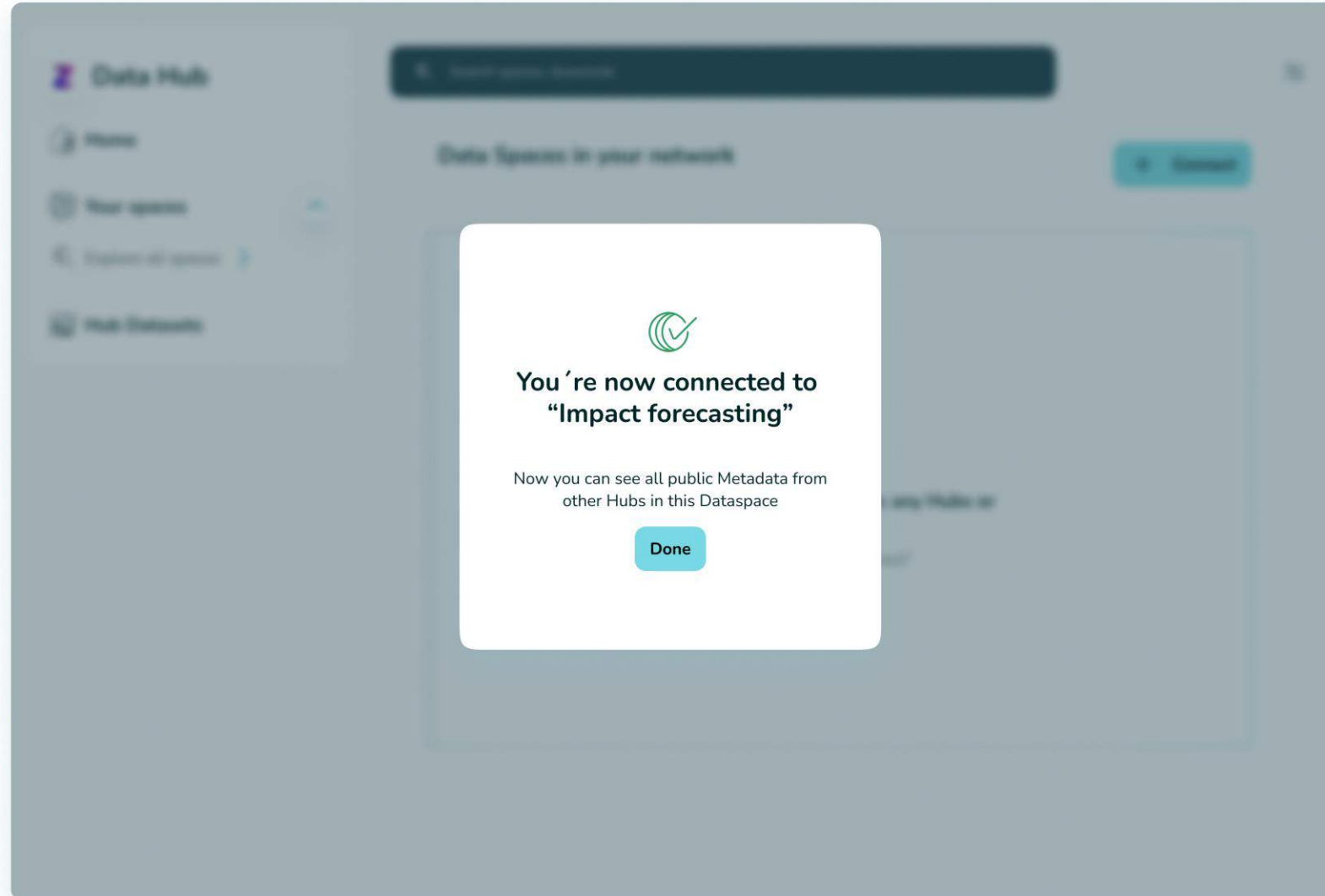
Screens – Connect to Space



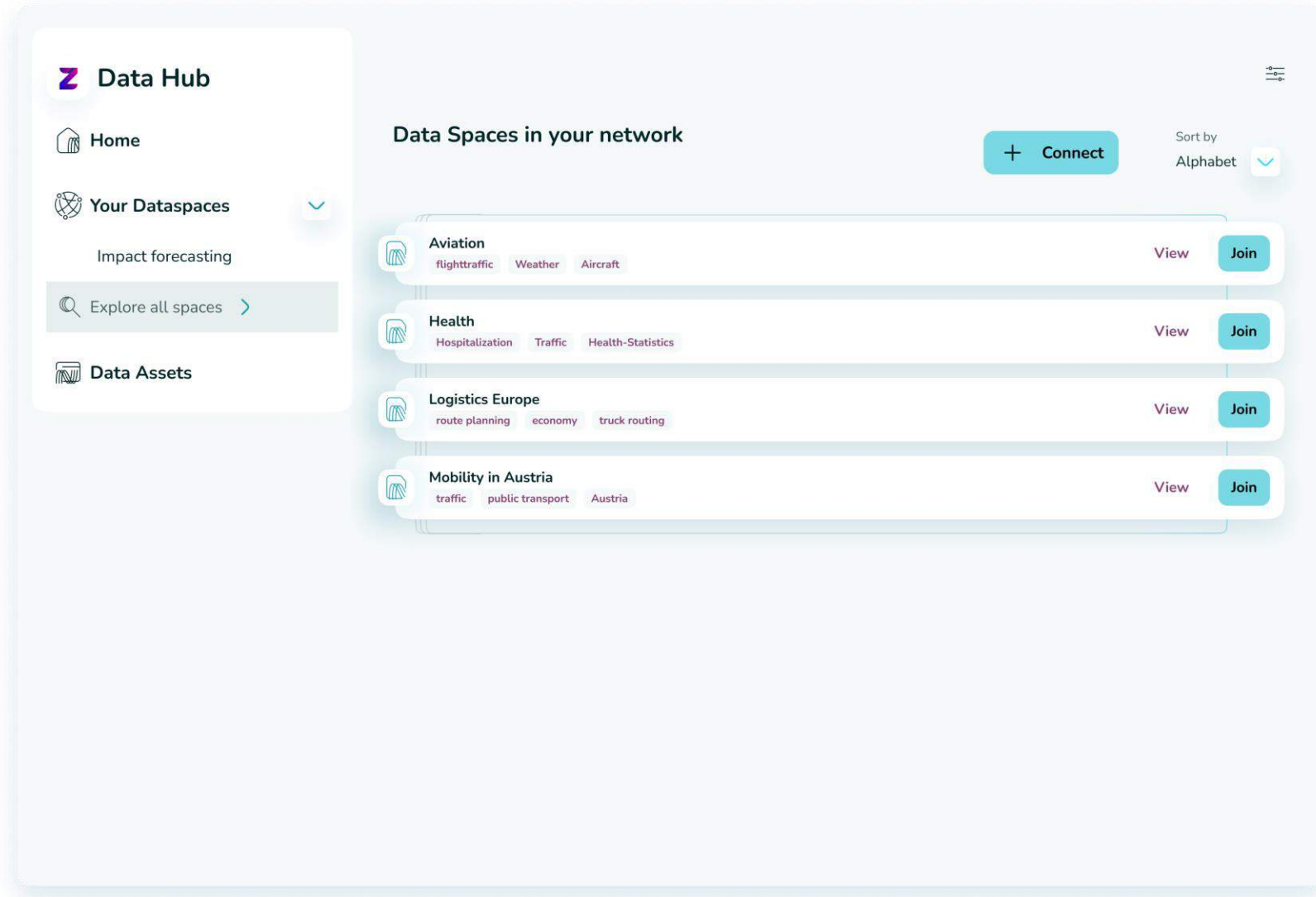
Screens – Connect to Space



Screens – Connect to Space



Screens – Connect to Space



Screens – Explore Dataspace

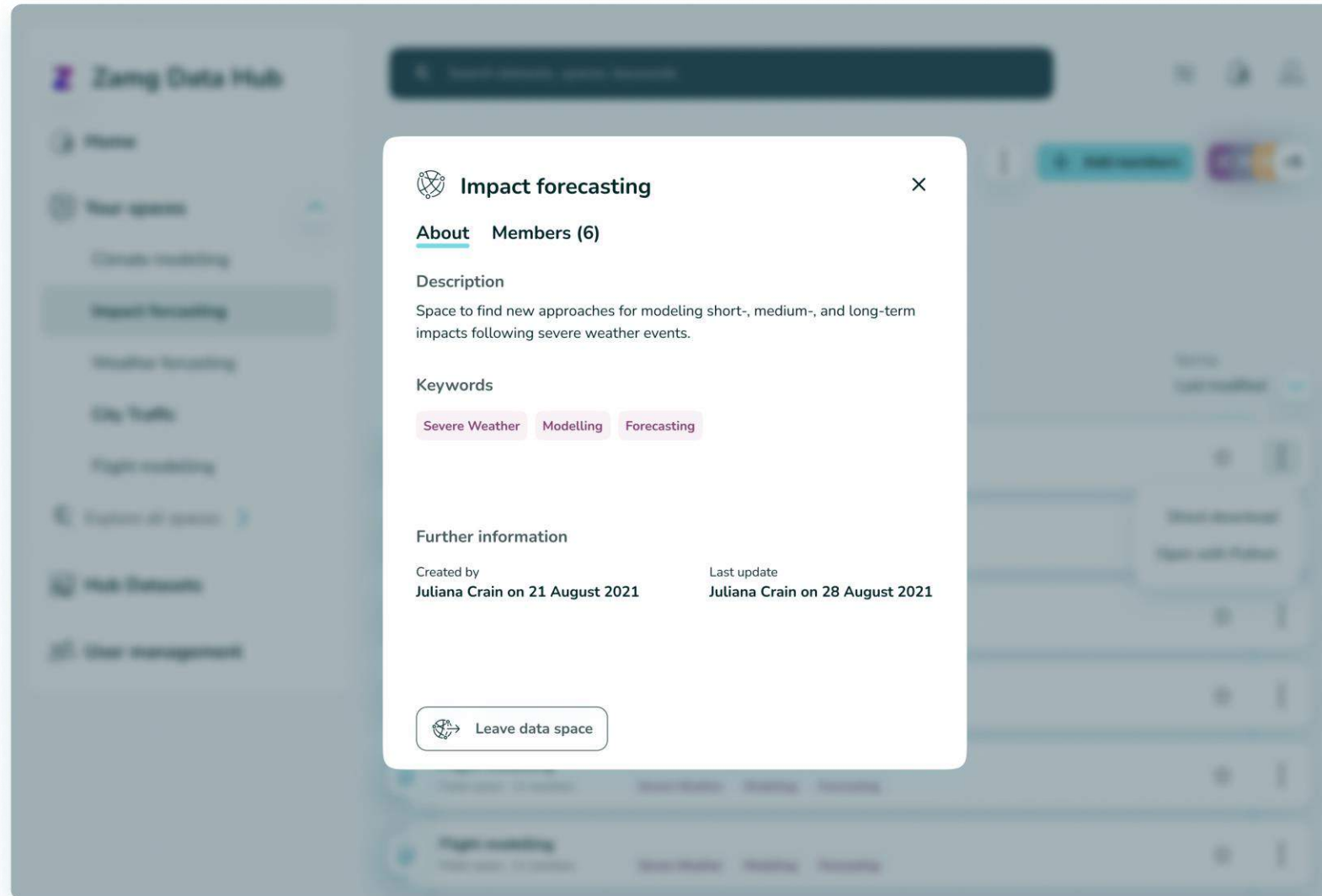
The screenshot displays the 'Data Hub' interface. On the left is a navigation sidebar with the following items: 'Data Hub' (with a purple 'Z' logo), 'Home', 'Your Dataspaces' (with a globe icon and an upward arrow), 'Impact forecasting' (highlighted with a globe icon), 'Aviation', 'Space', 'Agriculture', 'Explore all spaces' (with a magnifying glass icon and a right arrow), and 'Data Assets' (with a document icon).

The main content area features a search bar at the top with the placeholder text 'Search asset or keywords'. Below the search bar is a card for the 'Impact forecasting' dataspace, which includes a description: 'Space to find new approaches for modeling short-, medium-, and long-term impacts following severe weather events.' and three tags: 'Severe Weather', 'Modelling', and 'Forecasting'. To the right of this card is a user profile icon for 'JC BF BF +5'.

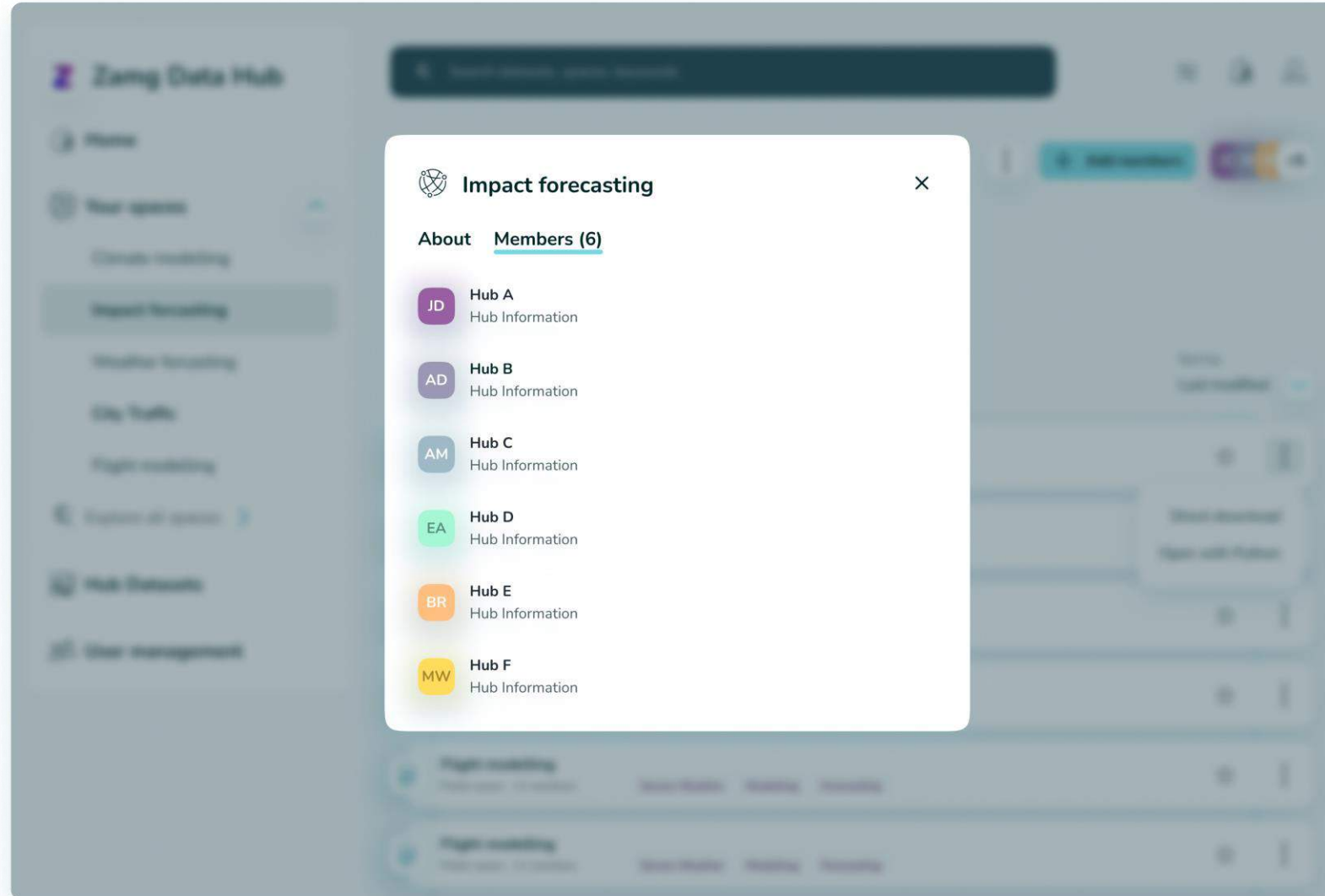
Below the dataspace card, it indicates '87 Data Assets in this Dataspace' and provides a '+ Add Data Asset' button. A 'Sort by' dropdown menu is set to 'Last modified'. The main area contains a list of data assets, each with a document icon, a title, tags, and a menu icon:

- Severe weather incidents** (Tags: Severe Weather, Modelling, Forecasting)
- Forecast 1** (Tags: Severe Weather, Modelling, Forecasting)
- Forecast 2** (Tags: Severe Weather, Modelling, Forecasting)
- Forecast 3** (Tags: Severe Weather, Modelling, Forecasting)
- Forecast 4** (Tags: Severe Weather, Modelling, Forecasting)
- Forecast 5** (Tags: Severe Weather, Modelling, Forecasting)
- Forecast 6** (Tags: Severe Weather, Modelling, Forecasting)

Screens – Explore Dataspace



Screens – Explore Dataspace



Screens – Explore Dataspace

The screenshot displays the 'Data Hub' interface. On the left is a navigation sidebar with the following items: 'Data Hub' (with a 'Z' logo), 'Home', 'Your Dataspaces' (with a sub-item 'Mobility'), 'Impact forecasting' (highlighted), 'Aviation', 'Space', 'Agriculture', 'Explore all spaces >', and 'Data Assets'. The main content area features a search bar at the top with the placeholder text 'Search asset or keywords'. Below the search bar is a card for the 'Impact forecasting' dataspace, which includes a description: 'Space to find new approaches for modeling short-, medium-, and long-term impacts following severe weather events.' and tags for 'Severe Weather', 'Modelling', and 'Forecasting'. A '+5' indicator is visible in the top right of this card. Below the card, it states '87 Data Assets in this Dataspace' and provides an '+ Add Data Asset' button. A 'Sort by Last modified' dropdown menu is also present. The main area contains a list of data assets, each with a document icon, a title, tags, and a menu icon. The assets listed are: 'Severe weather incidents' (tags: Severe Weather, Modelling, Forecasting), 'Forecast 1' (tags: Severe Weather, Modelling, Forecasting), 'Forecast 2' (tags: Severe Weather, Modelling, Forecasting), 'Forecast 3' (tags: Severe Weather, Modelling, Forecasting), 'Forecast 4' (tags: Severe Weather, Modelling, Forecasting), 'Forecast 5' (tags: Severe Weather, Modelling, Forecasting), and 'Forecast 6' (tags: Severe Weather, Modelling, Forecasting).

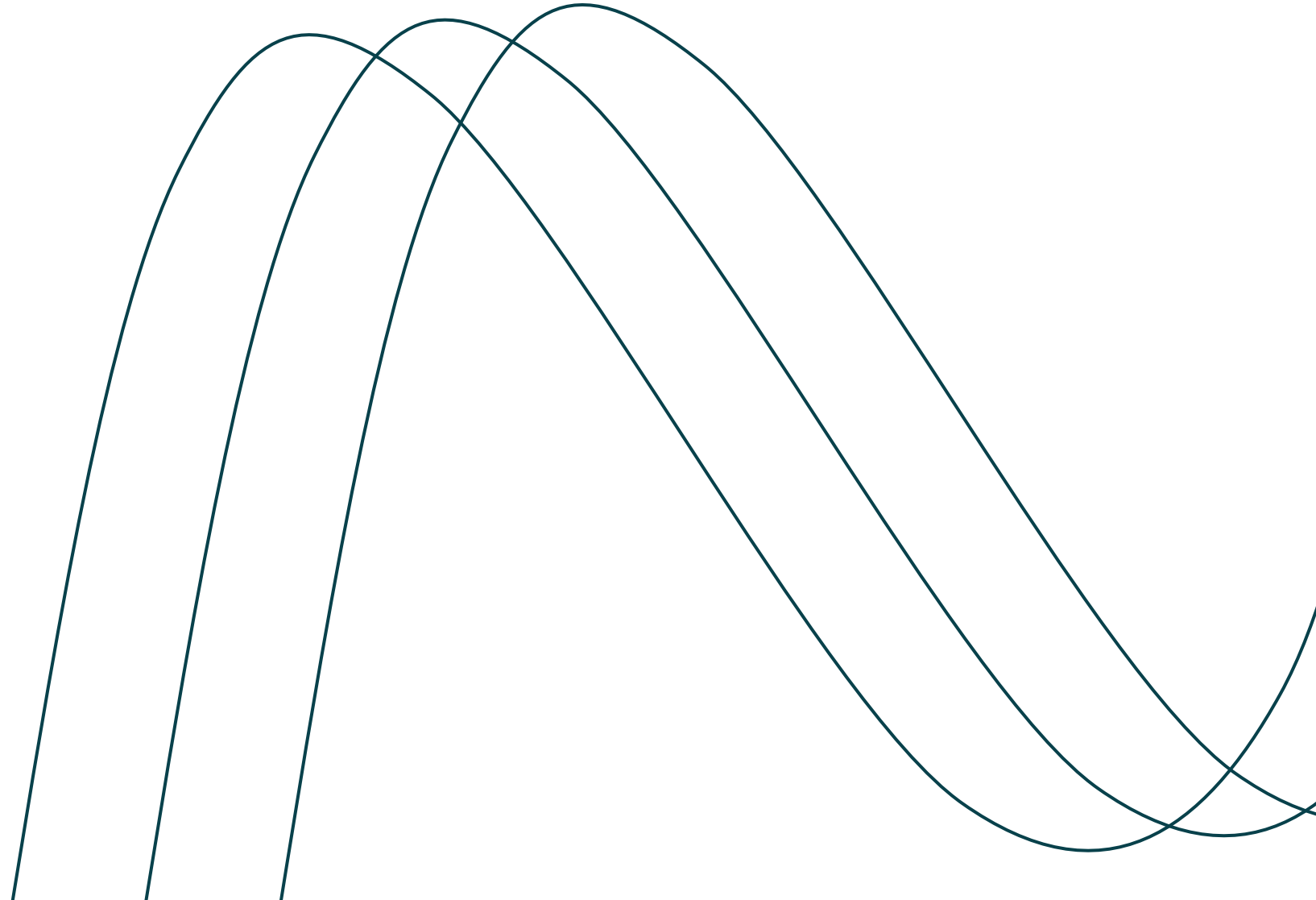
Screens – Data Asset Detailpage

The screenshot displays the 'Data Asset Detailpage' for 'Severe weather incidents'. On the left is a navigation sidebar for 'Data Hub' with options: Home, Your Dataspaces (with a sub-menu for Mobility, Impact forecasting, Aviation, Space, and Agriculture), Explore all spaces, and Data Assets. The main content area shows the asset title 'Severe weather incidents' with a 'Weather forecasting' tag and a breadcrumb 'Severe Weather > Modelling > Forecasting'. A 'Back' button is at the top left, and a menu icon is at the top right. A metadata box indicates 'Added to space: April 26, 2021' and 'HUB: Data Hub'. Below this, a 'Core metadata' panel is open, showing details for 'Description', 'Asset created on hub', 'Metadata last modified', 'Category', 'Temporal Coverage Beginning', 'Metadata ID', 'Data Format', 'Licence', and 'Temporal Coverage Ending'. The description states: 'Information on severe weather events in Austria on a monthly basis. Short-term events such as heavy rain, hail, lightning strikes and winds of any kind are depicted, as well as events of pronounced duration such as continuous rain, drought and heat or cold periods that cause socioeconomic damage.'

Field	Value
Description	Please enter additional descriptive information about the dataset. Information on severe weather events in Austria on a monthly basis. Short-term events such as heavy rain, hail, lightning strikes and winds of any kind are depicted, as well as events of pronounced duration such as continuous rain, drought and heat or cold periods that cause socioeconomic damage.
Asset created on hub	Date when the sample was created 22/01/2021
Metadata last modified	Date when Metadata was last modified on hub 22/01/2021
Category	The categorizations allow a thematic assignment geography and planning, agriculture, environment
Temporal Coverage Beginning	The start date for the validity range of the data 22/01/2021
Metadata ID	Identifier - automatically created by hub 22:14:24
Data Format	file format extension, such as ".pdb", ".sql", ".csv" .csv
Licence	How the data can be used CC BY
Temporal Coverage Ending	The end date for the validity range of the data 22/01/2021

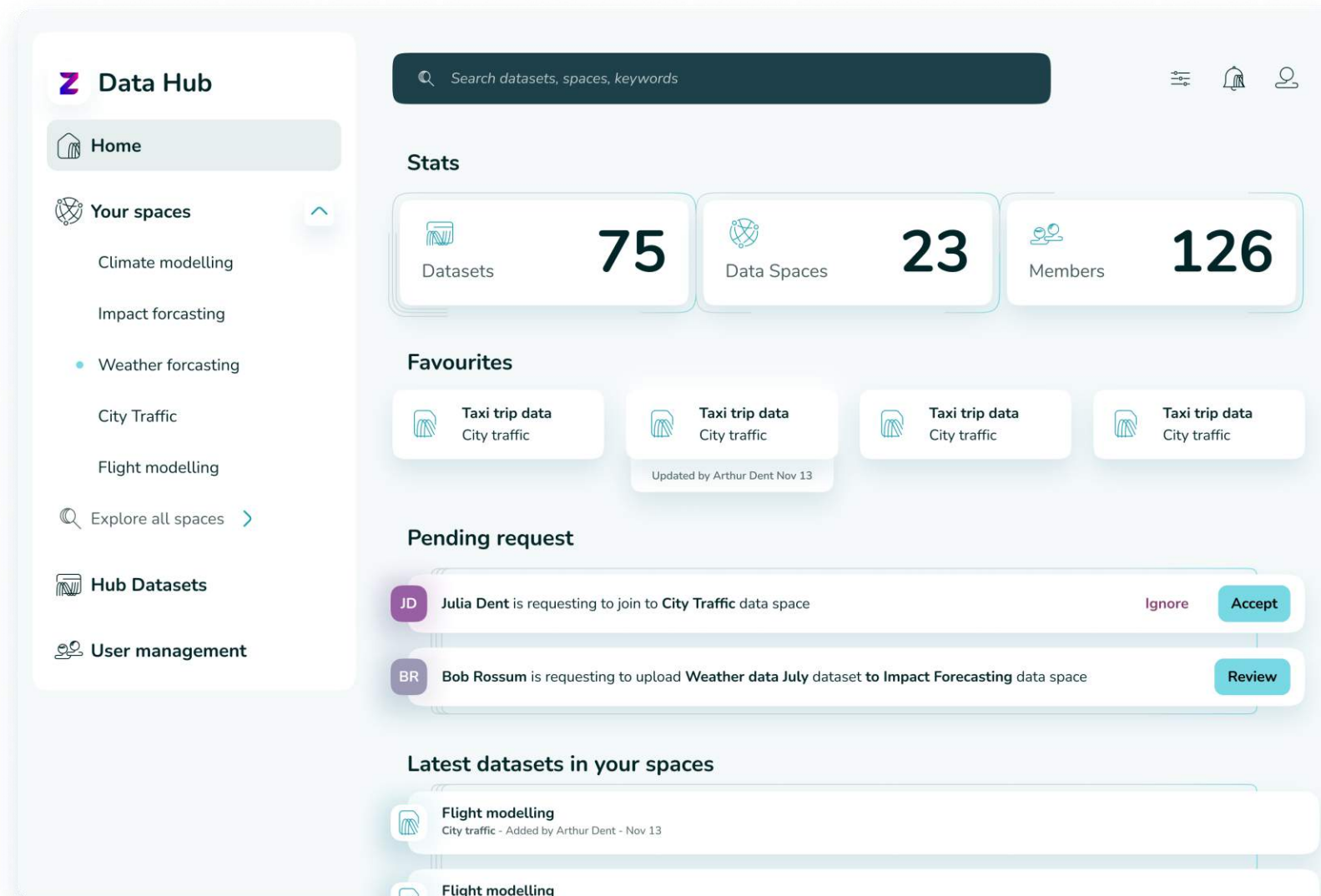
02

Software -
Vision



Funktionsumfang – Vision

(keine priorisierte Roadmap)



Funktionsumfang – Vision

(keine priorisierte Roadmap)

The screenshot displays the Data Hub interface. On the left is a navigation sidebar with the following items: Data Hub (logo), Home, Your spaces (with an expandable menu containing Climate modelling, Impact forecasting, Weather forecasting (selected), City Traffic, and Flight modelling), Explore all spaces, Hub Datasets, and User management. The main content area features a search bar at the top with the text 'Search datasets, spaces, keywords'. Below the search bar is a 'Back' button. The central focus is the dataset page for 'Severe weather incidents', which is categorized under 'Weather forecasting'. It includes tags for 'Severe Weather', 'Modelling', and 'Forecasting', a 'Favourite' button, and a 'More options' menu. A metadata box shows 'Added to space: April 26, 2021', 'HUB: Data Hub', and 'Policy: Research policy'. Below this are buttons for 'Preview dataset' and 'Access data'. The 'About Dataset' section, updated on April 28, 2021, describes the dataset as information on severe weather events in Austria. A 'Core metadata' sidebar lists 'Contact point', 'Inspire', and 'Other'. The metadata table below provides the following details:

Core metadata	
Date of data sampling Date when the sample was created 22/01/2021	Time of data sampling Time when the sample was created 22:14:24
Longitude Longitude coordinates of the weather Station 38.2323423234	Latitude Latitude coordinates of the weather Station 45.8465488

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