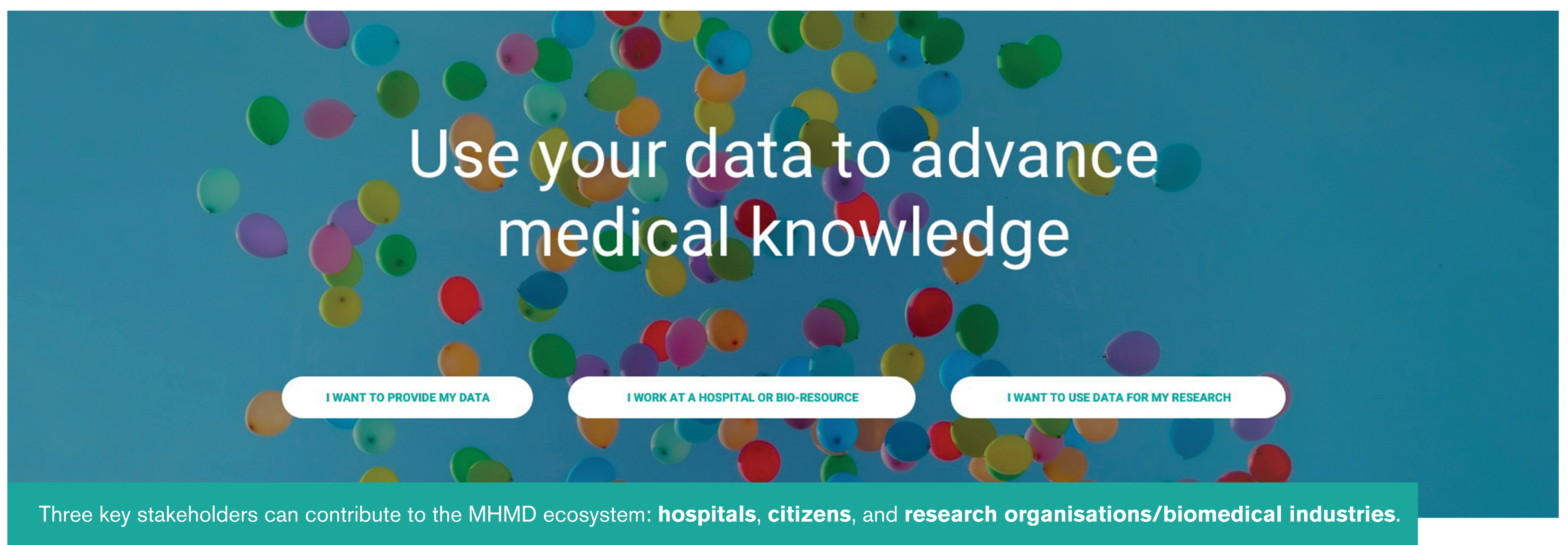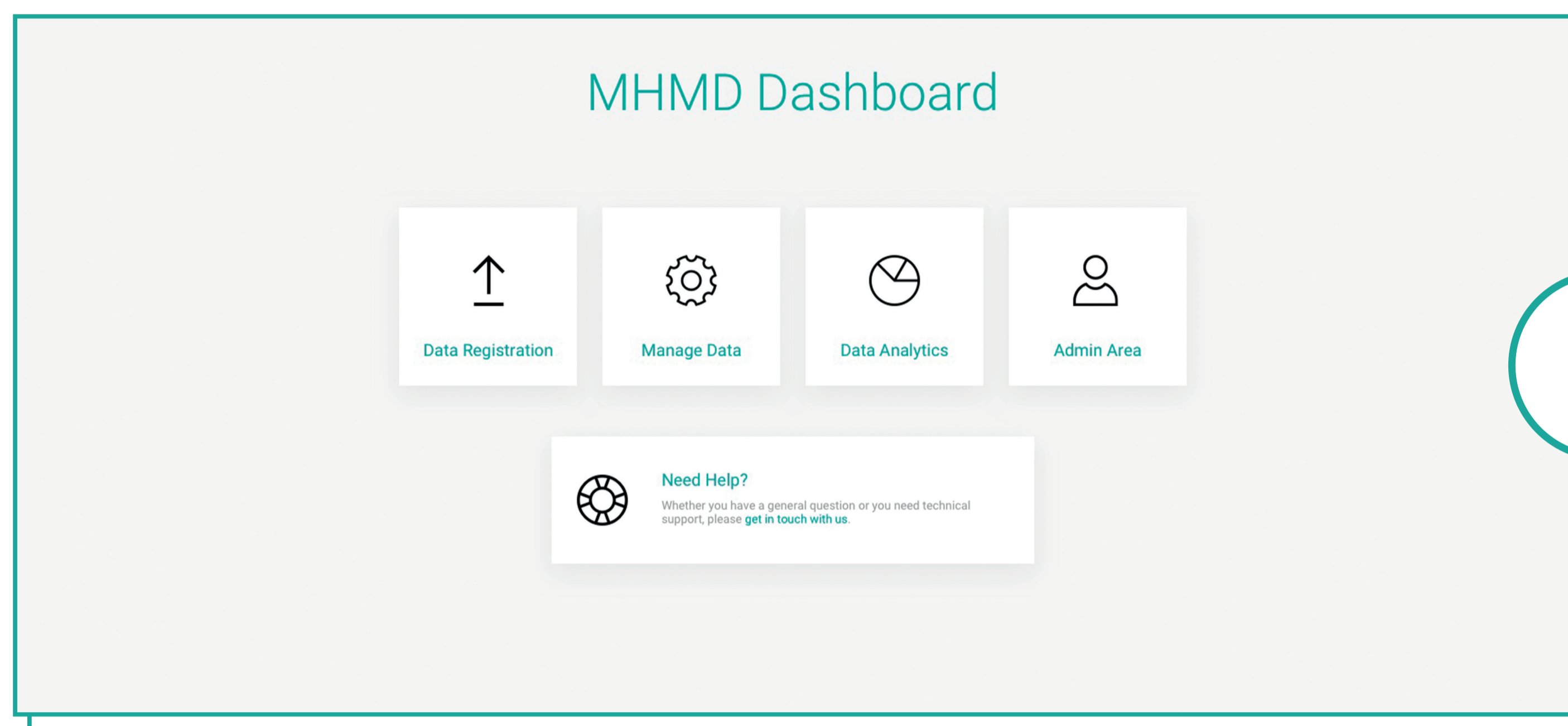# MY HEALTH MY DATA

The MHMD workflow

Use your data to advance medical knowledge

[I WANT TO PROVIDE MY DATA]   [I WORK AT A HOSPITAL OR BIO-RESOURCE]   [I WANT TO USE DATA FOR MY RESEARCH]
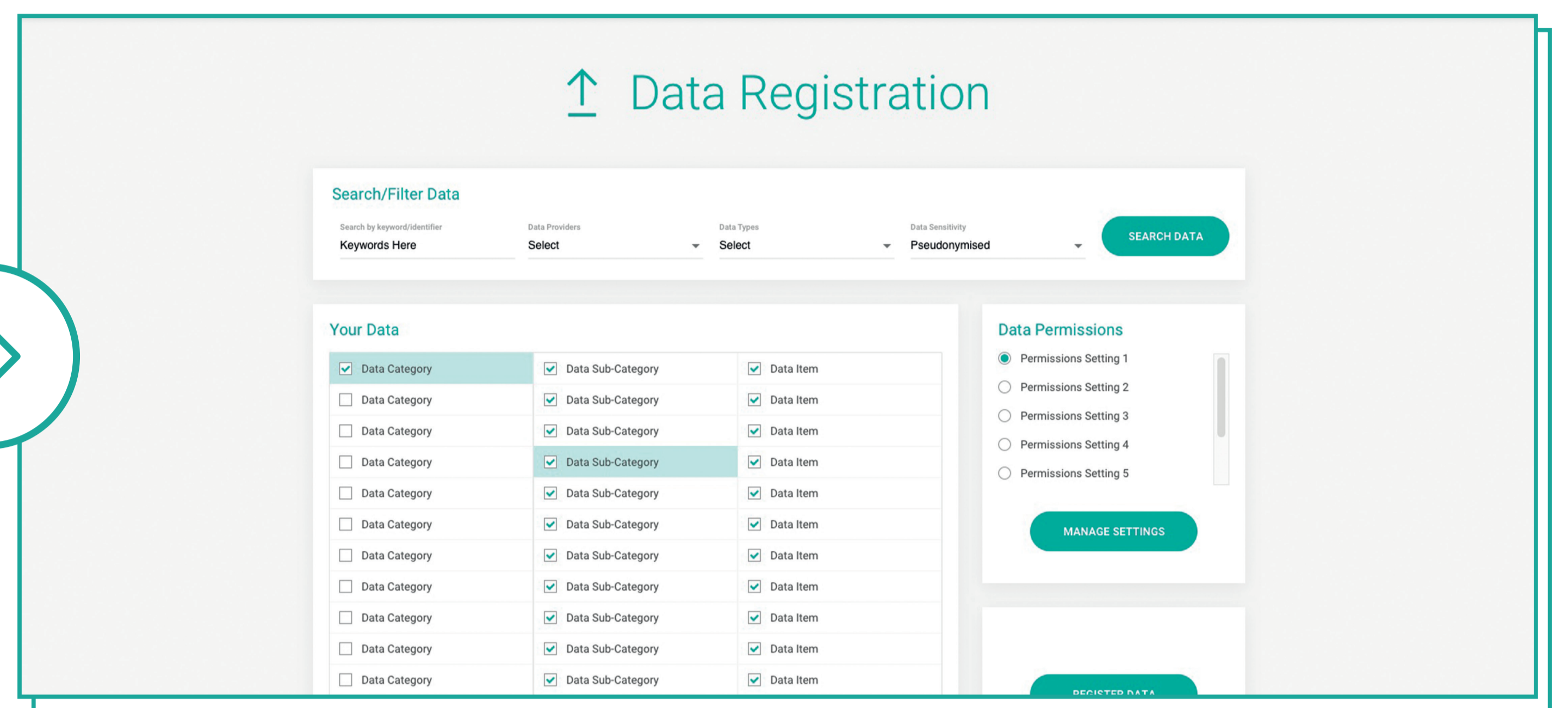
Three key stakeholders can contribute to the MHMD ecosystem: **hospitals**, **citizens**, and **research organisations/biomedical industries**.

1 Data registration

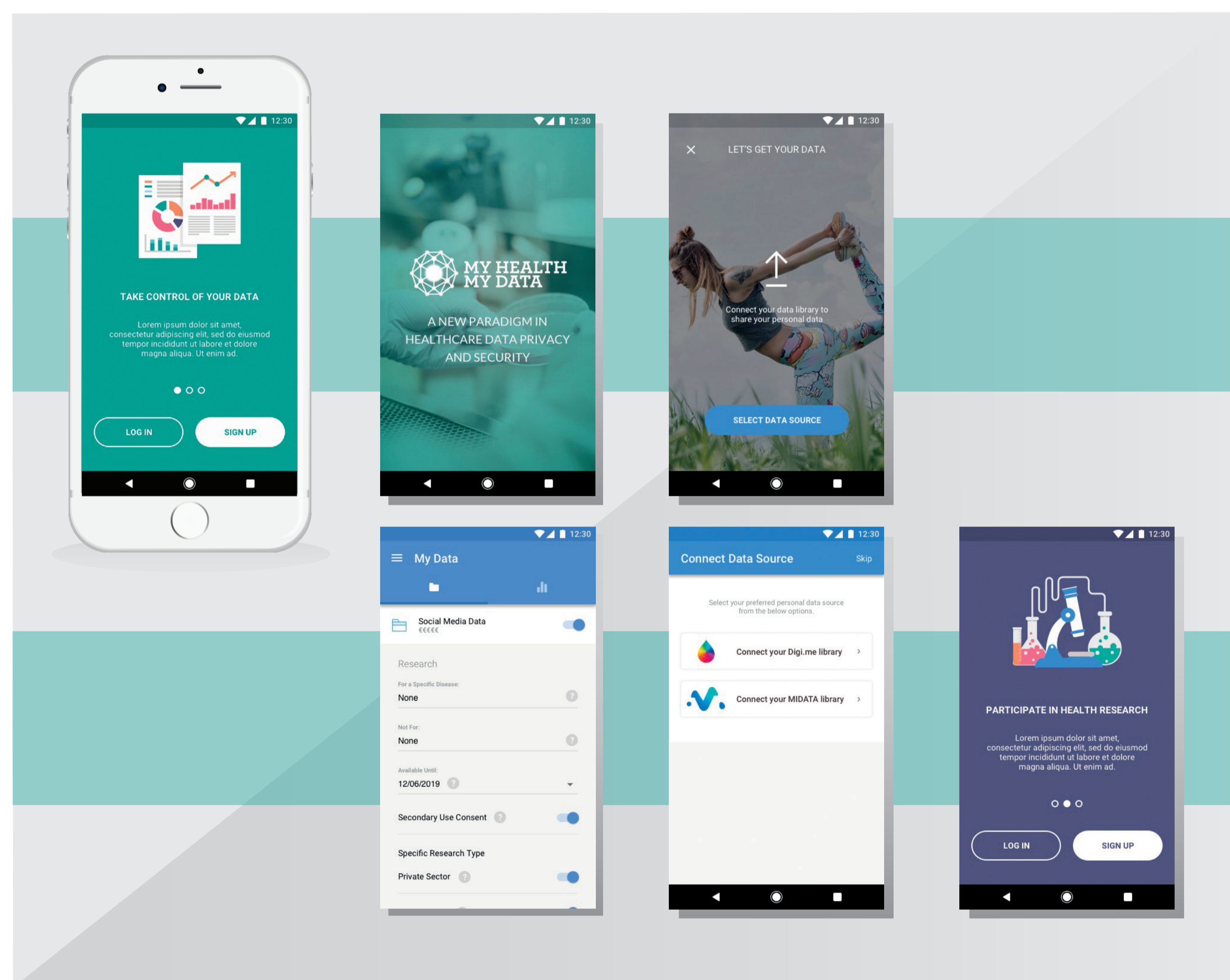Hospitals can register themselves through a **web-based application** and upload their data.

When uploading data, hospitals **can manage their permission preferences**, also in accordance with the available consent attached to the data.
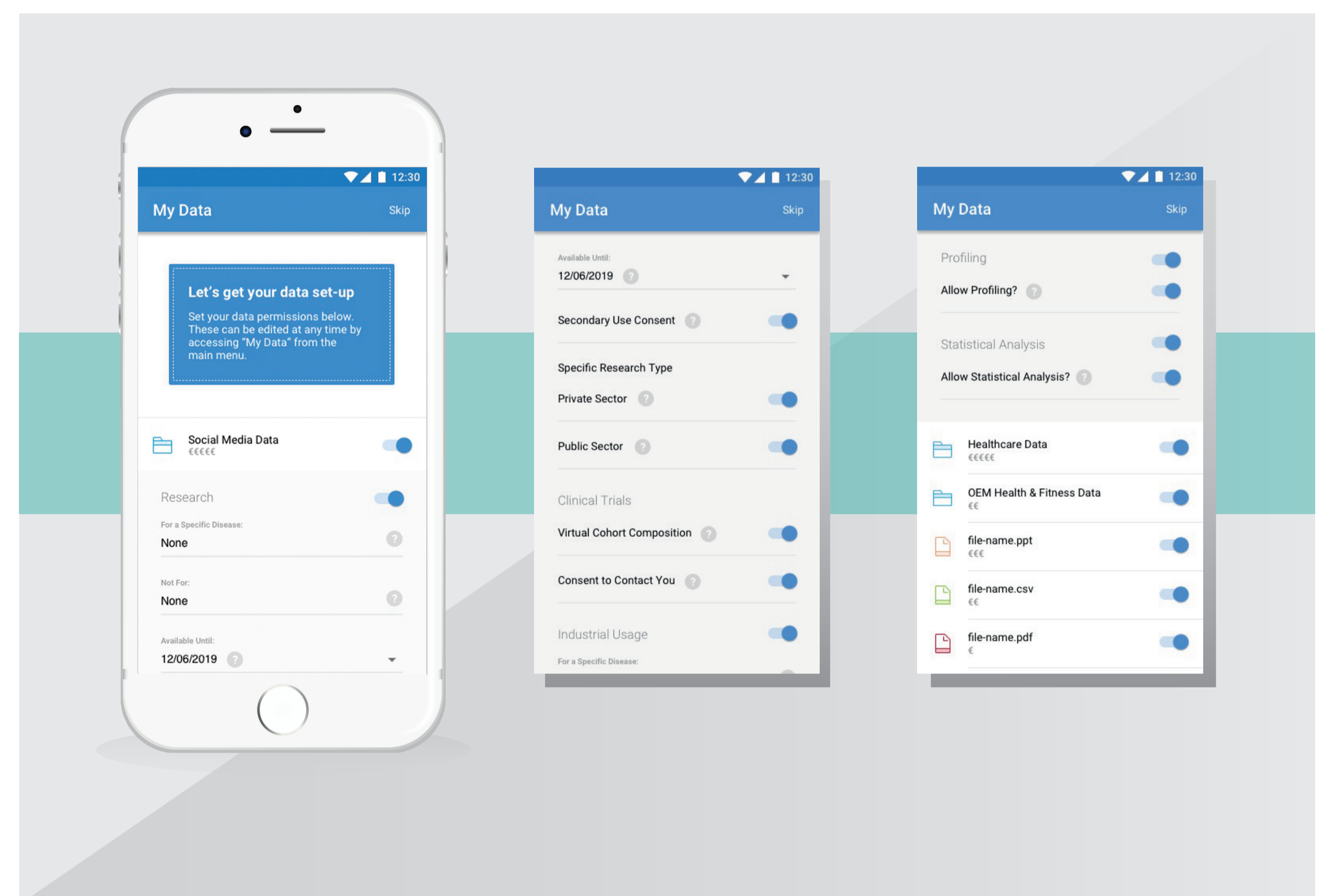

MHMD Dashboard

Data Registration · Manage Data · Data Analytics · Admin Area

Need Help?

⬆ Data Registration

2 Individuals

Individual users can register themselves on a **mobile application** and sync their data from various sources (hospitals, other mobile applications, online websites, etc.).
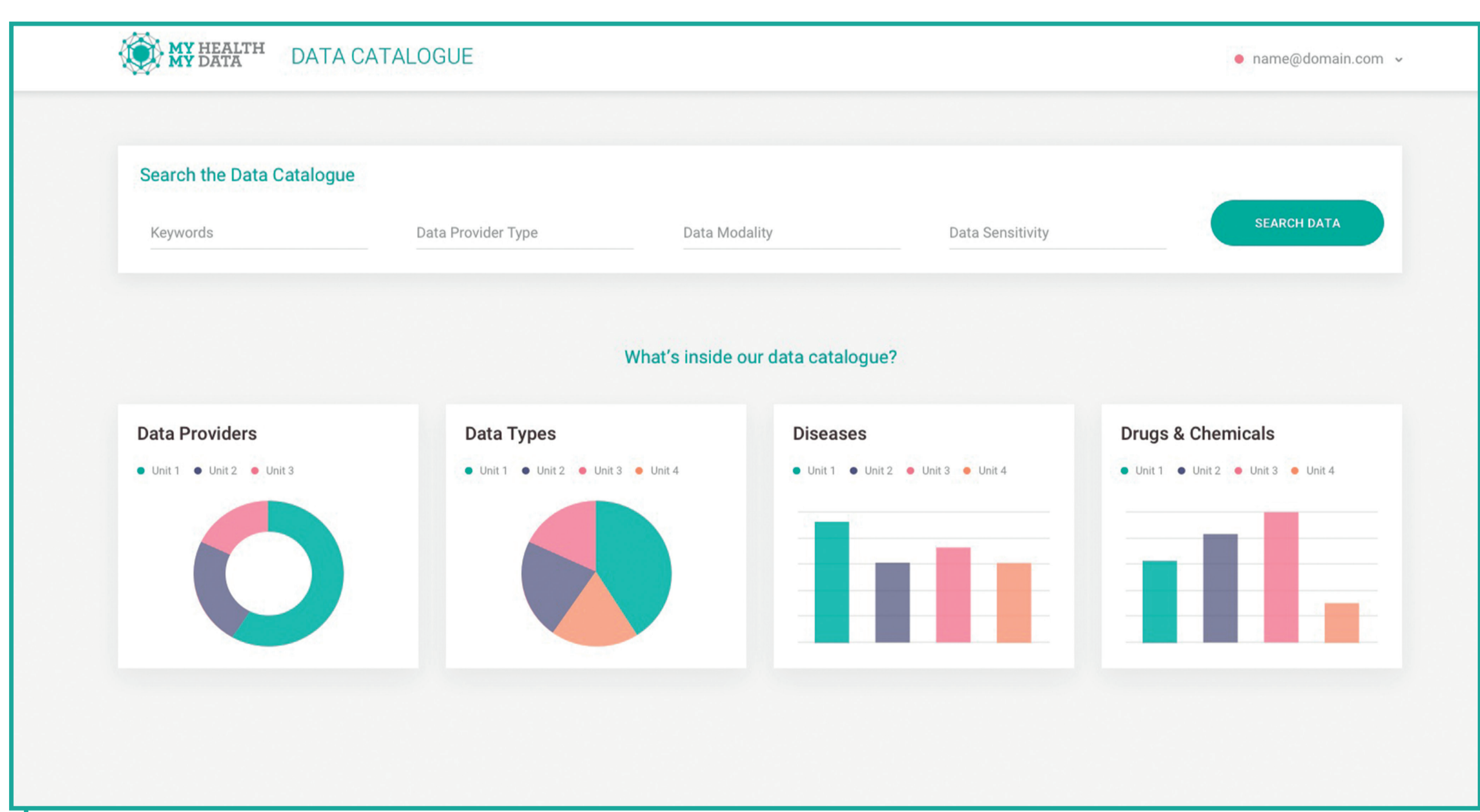
Individual users can **easily set their consent options through the mobile app**, regulating data access from third parties.

Individuals can decide allowed data usage, for how long data will be available, what type of institution (public or private) can access, and more.

3 Data request

Through the data catalogue, a researcher can browse datasets within the MHMD network, checking what data are available and under what conditions, data modality, data sensitivity and privacy profiles **The catalogue itself is powered by metadata**, which describe the data available in the network without revealing any sensitive information.

DATA CATALOGUE

Search the Data Catalogue

What's inside our data catalogue?

Data Providers · Data Types · Diseases · Drugs & Chemicals

When a specific dataset of interest is found, the **researcher can perform a request** (study creation) for accessing this dataset.

The study request is then managed through the blockchain and dedicated smart contract.

If all data access conditions are met, data access is granted.