

# EU Datathon 2021 - Project description

Fields marked with \* are mandatory.



## Challenge

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\* Challenge

- ☒ Challenge 1 - A European Green Deal
- ☐ Challenge 2 - An economy that works for people
- ☐ Challenge 3 - A Europe fit for the digital age

\* Team name

Green Deal Observatory Team

Twitter account of the team if available

Other social media channels of the team if available

<https://www.linkedin.com/company/68855596/>

## Team member 1

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\* Team member 1 - First name and last name

Daniel Antal

\* Team member 1 - Email

daniel.antal@dataobservatory.eu

\* Team member 1 - Country of origin

Hungary

Team member 1 - City

the Hague

\* Team member 1 - Organisation and job title

Reprex BV, co-founder

\* Team member 1 - Twitter account

<https://twitter.com/antaldaniel>

## Team member 2

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(Optional) Team member 2 - First name and last name

Kasia Kulma

(Optional) Team member 2 - Email

[katarzyna.kulma@gmail.com](mailto:katarzyna.kulma@gmail.com)

(Optional) Team member 2 - Country of origin

Poland

(Optional) Team member 2 - City

London

(Optional) Team member 2 - Organisation and job title

Icebreaker One, software developer engineer

(Optional) Team member 2 - Twitter account

<https://twitter.com/KKulma>

## Team member 3

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(Optional) Team member 3 - First name and last name

Pyry Kantanen

(Optional) Team member 3 - Email

pyry.kantanen@utu.fi

(Optional) Team member 3 - Country of origin

Finland

(Optional) Team member 3 - City

Turku

(Optional) Team member 3 - Organisation and job title

Graduate Student in Economic Sociology at Turun yliopisto - University of Turku

(Optional) Team member 3 - Twitter account

## Team member 4

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(Optional) Team member 4 - First name and last name

Karel Volckaert

(Optional) Team member 4 - Email

karel.volckaert@gmail.com

(Optional) Team member 4 - Country of origin

Belgium

(Optional) Team member 4 - City

Gent

(Optional) Team member 4 - Organisation and job title

Riverrun, consultant

(Optional) Team member 4 - Twitter account

## Project description

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\* Maturity of app

- ☐ Not yet developed
- ☒ Prototype ready
- ☐ Very advanced

URL to solution

https://greendeal.dataobservatory.eu/

Mockups of the app (These mockups can be sketches or screenshots of what is planned to be developed. It should only give an idea to the jury what is planned to be developed.)

The maximum file size is 1 MB. Please use only one PDF file.

**bb2509b2-968b-469d-8974-0377c49ccba5/GDO\_Datahton\_submission-compressed.pdf**

\* Target audience of app

Business strategists and planners who work with various key business indicators; Public and non-governmental policy-makers who work with various impact and effect indicators; Academic researchers; Data journalists; Open source developers.

\* Tagline of the app (140 characters), which could be published later

Our European Green Deal Observatory is a fully automated, open source, open data observatory that produces new environmental indicators from open data sources and experimental big data sources, with authoritative copies and a modern API.

\* Description of the app (maximum 250 words)

Climate change and environmental degradation are an existential threat to Europe and the world. To overcome these challenges, the European Union created the European Green Deal strategic plan, which aims to make the EU's economy sustainable by turning climate and environmental challenges into opportunities and making the transition just and inclusive for all.

Our Green Deal Data Observatory is a modern reimagination of existing 'data observatories'; currently, there are over 70 permanent international data collection and dissemination points. One of our objectives is to understand why the dozens of the EU's observatories do not use open data and reproducible research. We want to show that open governmental data, open science, and reproducible research can lead to a higher quality and faster data ecosystem that fosters growth for policy, business, and academic data users.

We provide high quality, tidy data through a modern API which enables data flows between public and proprietary databases. We believe that introducing Open Policy Analysis standards with open data, open-source software, and research automation, can help the Green Deal policymaking process. Our collaboration is open for individuals, citizens scientists, research institutes, NGOS, and companies.

\* EU datasets used (URLs)

<https://greendeal.dataobservatory.eu/#data>

Any feedback about your experiences in working with EU open data?

We use many open governmental (PSI), open science and otherwise open data and we will place their sources in our website.

How did you hear about EU Datathon?

- ☐ Twitter
- ☐ Facebook
- ☐ LinkedIn
- ☒ Website of the Publications Office of the EU
- ☐ Newsletter
- ☐ Other participants of previous EU Datathons
- ☐ University
- ☐ Other

Age of team member(s)

- ☒ We register as **adults** (every team member is 18 years old or older).
- ☐ We register as **minors** (every team member is under 18 years old) **and** we have the agreement of the parents/legal guardians to participate for each team member.
- ☐ We register as a **mixed team** (team leader is 18 years old or older and some team members are below the age of 18) **and** we have the agreement of the parents/legal guardians to participate for each team member.

☒ I accept the [privacy statement](#) of EU Datathon.

## Contact

[Contact Form](#)