

WEBINAR

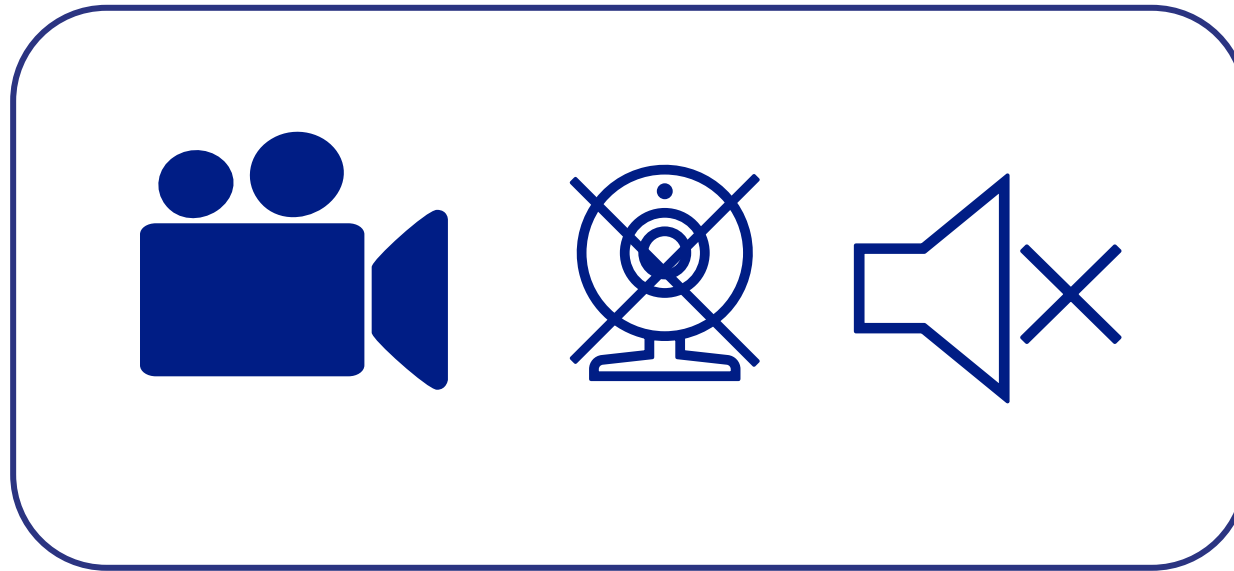
data.  
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# Stories from the Use Case Observatory – Volume I

> 7 October 2022

> 10.00 – 11.30 CET

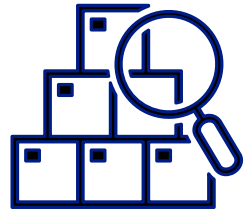
# Rules of the game



# Agenda

1

THE USE CASE  
OBSERVATORY



2

THE FIRST REPORT



3

RE-USE CASES  
PRESENTATIONS

- 1 
- 2 
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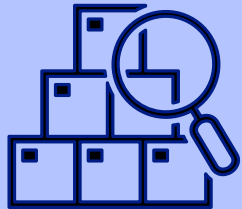
Q&A AND  
FEEDBACK



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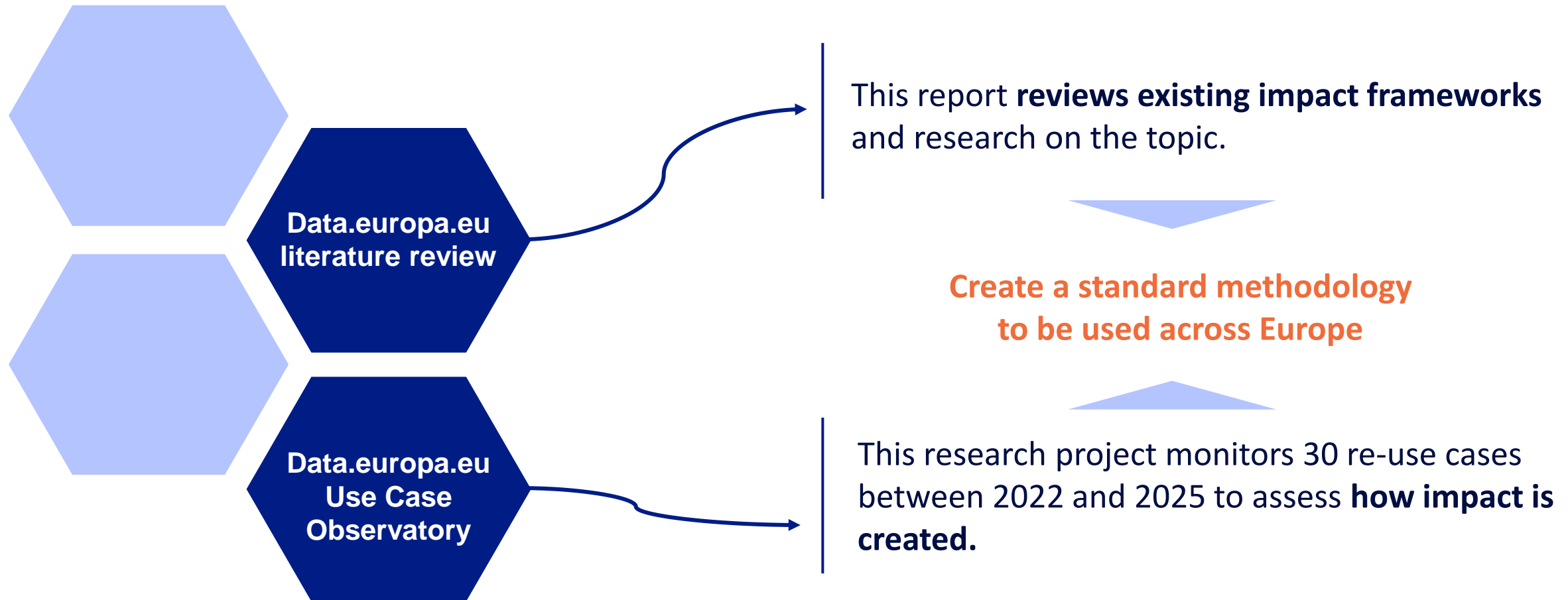
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# What is the Use Case Observatory?

- The Use Case Observatory is a research project by [data.europa.eu](https://data.europa.eu) that monitors **30 re-use cases from 2022 to 2025**.
- The Observatory contributes to measuring **open data impact** in Europe by addressing 3 questions
  - ▶ *What is the economic, governmental, social, or environmental impact of open data for the 30 specific re-use cases collected?*
  - ▶ *How important is it to keep track of such re-use cases to understand and foster value creation through open data in Europe?*
  - ▶ *What else can be learned from the analysed re-use cases to improve open data measurement and implementation across Europe?*

# Why launching the Use Case Observatory?



# How are we conducting this research?

## IDENTIFYING SOURCES OF RE-USE CASES



1. Open Data Maturity
2. EU Datathon
3. data.europa.eu use cases repository



## SELECTING THE RE-USE CASES



- ✓ **Type of re-use cases:** apps, platforms, websites
- ✓ **Geography:** European balance
- ✓ **Impact :** Economic, governmental, social, environmental
- ✓ Award winners
- ✓ Focus on women, NEETs etc.
- ✓ In line with EC's priorities



## CONTACTING AND INTERVIEWING RE-USE CASES



- **More than 100 re-use cases contacted**
- **30 re-use cases interviewed**

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### Reality check

- Good mix of EU Member States, fewer EFTA & neighbouring countries
- 5 economic, 7 governmental, 10 social, and 8 environmental examples
- at least 25 re-use cases responding to one or more of the additional criteria



# What is the timeline?



## Report I

- Introduction of the 30 re-use cases and current impact

Dedicated webinar

OCTOBER 2022

## Report II

- Changes in the development and impact since 2022

Dedicated webinar

Q1 2024

## Report III

- Changes in the development and impact since 2024

Dedicated webinar

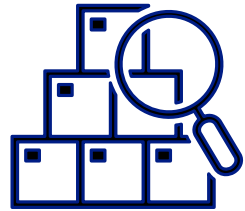
Q3 2025

Input for an open data impact methodology across Europe

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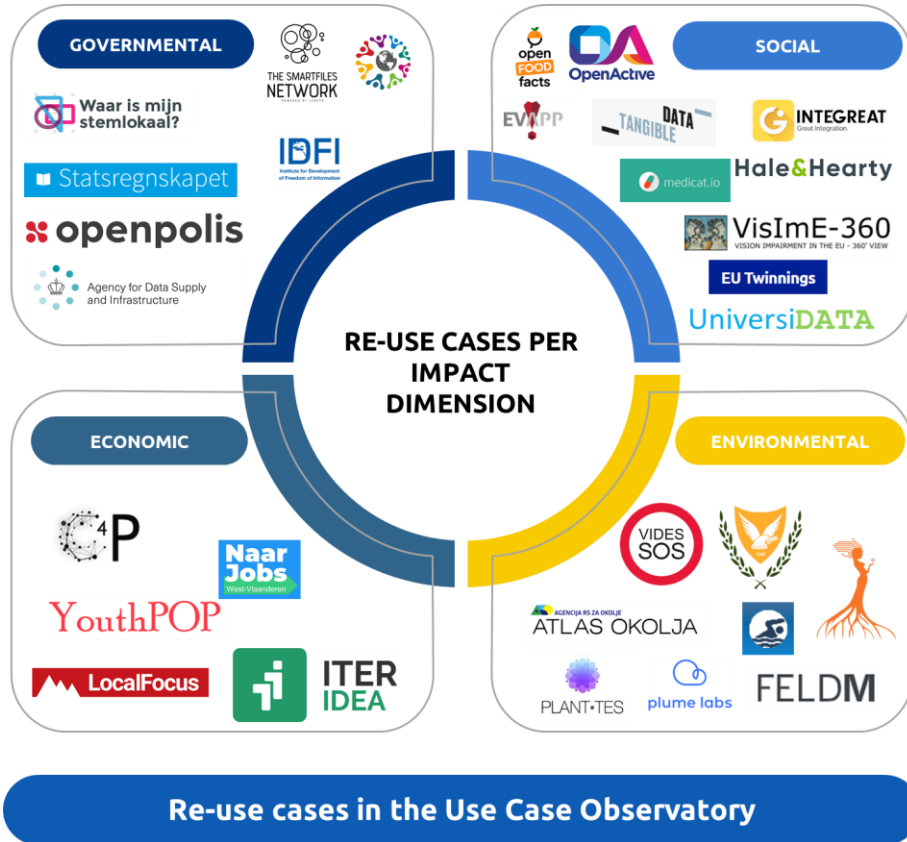
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# Re-use Cases Analyses

The 30 re-use cases are clustered along the **four impact dimensions**



Each re-use case has a dedicated **two-pager** on:

- The re-use case in a nutshell
- Services offered
- Open data used
- Current impact

### Vides SOS: the Latvian application to facilitate the reporting of environmental violations

**Vides SOS in a nutshell:**

- Service: Vides SOS is an application designed to alert the State Environmental Service of environmental hazards such as pollution, waste, and litter in nature.
- Sector: environment
- Country of origin: Latvia
- Data sources: open data from OpenStreetMap
- Number of employees: 6
- Website: [www.videsos.lv](http://www.videsos.lv)

**Vides SOS is an open data-driven application developed by the Latvian State Environmental Service to allow citizens to report environmental infringements of air, water, or soil and contribute to a cleaner environment. The application relies on OpenStreetMaps to visualise the areas where the infringements have happened and allows not only to raise people's awareness about environmental protection, but also to incentive collaboration between public institutions and citizens.**

**What services does Vides SOS offer?**

Vides SOS is smartphone-friendly application that enables Latvian citizens to take a part in taking care of the environment, by reporting to the State Environmental Service infringements of the air (odours, dust, smoke, and radiation), the water (activities of edge fishing, presence of chemicals, dead animals, or oil), or the soil (waste, manure, and oil).

The application represents therefore a modern solution in the processing of environmental violation reports at centralised and coordinated level and enhances public involvement and awareness. In fact, any citizen can simply download the application on their smartphones, take a picture of the infringement discovered, and report it with a brief message either anonymously or with their account. In this way, the state or local institutions responsible for the area in which the infringement took place can contact the user for further information and act.

The infringements are then visualised on the map and can be filtered according to whether they have been taking care of and the date of happening.

**Figure 25. Vides SOS's map of infringements**

**What data does Vides SOS use?**

Vides SOS is completely based on open data from [OpenStreetMap](https://www.openstreetmap.org/), a collaborative project to create a free editable geographic database of the world. OpenStreetMap is open data, licensed under the [Open Data Commons Open Database License \(ODbL\)](https://www.openstreetmap.org/help/en/faq/odbl/) by the [OpenStreetMap Foundation \(OSMF\)](https://www.openstreetmap.org/help/en/faq/odbl/).

To develop Vides SOS, the team of the Latvian State Environmental Service did not need to process any open data, but just use the map from OpenStreetMap to get the coordinates of possible environmental hazards.

**How does Vides SOS realise impact?**

As Vides SOS allows sending information anonymously, the team does not monitor active users. Yet, it is possible to get a picture of the outreach of the application through the number of reports received. Since the beginning of 2022, the Latvian State Environmental Service has already received 2345 reports of possible pollution. Last year, in the same period, 1876 reports were collected, which means that in 2022 there has been about 25% increase in reports. From the received reports in 2022, 10016 or, less, 35% has already been solved, while 49% has been sent to competent authorities.

Originally the application allowed for a 'Clean up myself' option, which encouraged the general public to get involved and clean up certain areas of infringements themselves. However, since the option was not fully fleshed out and functioning, the team decided to remove it temporarily. With the creation of an ad-hoc department managing the application since June 2020 and following the modernization project completed in September 2021, the team plans on revisiting this issue and reintroduce this function in the future.

Overall, the application has still some technical difficulties that the team would like to address and has its limitations in assigning nature inspectors to watch every corner of the Latvian territory and ensure environmental protection everywhere. Yet, the application is showing a great potential, with not only a great involvement on the side of the citizens and the State Environmental Service, but also with respect to other governmental institutions. In August 2022, the application counted in fact 56 other partner institutions, all standing for more action and protection of the environment.

# Key take-aways

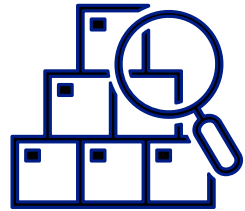
- The interviews with the re-use cases show the **myriad of ways** in which open data **re-use cases have impact**.
- **Estimating the impact** of these re-use cases is a complex **challenge**:
  - Difficult to precisely **measure gains: few data available**;
  - **Not all information** (e.g., revenue, number of clients) **can be shared**;
  - The **impact trajectory strongly depends on financial resources**.

Open data is key for these re-use cases, but a further unlocking of its potential is needed to allow re-use to have a clear and measurable impact on our economy, government, society, and environment.

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# Guglielmo Celata

*Founder, Vice President and  
Technological Officer at  
Openpolis*



# OpenPNRR and Centri d'Italia

**two real life examples of public open data re-use**

# Openpolis Foundation



# Who are we?

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Started around 2006 as a simple association, the Openpolis Foundation has been officially launched in **2018**.

Based in **Rome**, Italy, it is now a group of around 15 individuals working full-time on a variety of projects.

# What do we do?

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We believe that data is key and needs to be used for the greater good, i.e. to increase people's awareness and participation in democratic processes and decision-making.

We gather publicly available data (not always open), create web applications out of them, and provide open data for re-use. We also narrate this data, providing perspectives and insights the enable people to look into it.

# Main projects

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**openparlamento.it** - a single source of information on the parliamentary proceeding, provide simple access and original indicators.

**openbilanci.it** - single source of information on the budgets of all 8k+ italian municipalities.

**openpnrr.it, centriditalia.it** - two applications whose data were hardly available, and we managed to fetch and provide for the public.

**opdm** - map of the italian power network (not yet public)

# Our magazine

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[www.openpolis.it](http://www.openpolis.it) - the online magazine where we narrate the data, through a full blown data journalism editorial board.

Insights and analysis are created as **articles**, supported by the same data we fetch and manage to create the projects.

A **numbers** section gather all data visualizations.

A **glossary** section explains in simple, plain terms some of the complex components and processes of italian political and administrative institutions .

# Our impact

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By contributing to the publications of public institutions' data in Italy, and insights on them, Openpolis has had a clear impact on the state of open data in the country.

We reach an increasing number of users through different channels: our magazine, our newsletters (80k subscribers), our social channels.

# How do we pay the bill?

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All these activities are expensive. Our **business model** is a mixed one, it includes:

- Founders and patrons
- Partnerships on national and international grants
- Commercial services
- Diffused membership program and donations

# Use cases

# OpenPNRR



Il tuo accesso personalizzato  
al Piano nazionale di ripresa e resilienza

Accedi Open data Faq



Home Temi Territori Priorità Obiettivi Organizzazioni Misure Scadenze

Cerca tra le misure

Condividi su

## Trasparenza, informazione, monitoraggio e valutazione del PNRR

Il tuo accesso personalizzato al Piano nazionale di ripresa e resilienza. Scegli temi, territori, riforme, investimenti e organizzazioni su cui ricevere aggiornamenti. Una piattaforma libera, gratuita e senza pubblicità.

Per la transizione ecologica

Accedi e monitora

### A che punto siamo

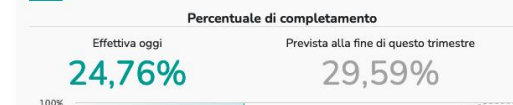
Indicatore originale Openpolis: Il PNRR prevede delle misure suddivise in riforme normative ed investimenti economici. La loro realizzazione è programmata in trimestri, dal 2021 al 2026. Le nostre valutazioni ragionate sul loro andamento.

Filtra per Tutti i temi

#### Riforme



#### Investimenti





# Project questions

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- How well is the plan scheduling faring?
- Which measures are behind scheduling the most?
- Which organisations are responsible for the measures?
- Which territories will benefit from the investments?
- Which companies will implement the projects?
- What will go on in my town/region?
- What will be done regarding energy/climate change (or any issue that I'm interested in)?

# Data sources

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An official application ([REGIS](#)), is used internally to handle all data produced by the stakeholders.

The official web site <https://italiandomani.gov.it>, contains an open data section with the publicly released data (they come out of REGIS).

Data published up to now regards only the macro activities: **measures** (reforms or investments) and **targets** (schedule).

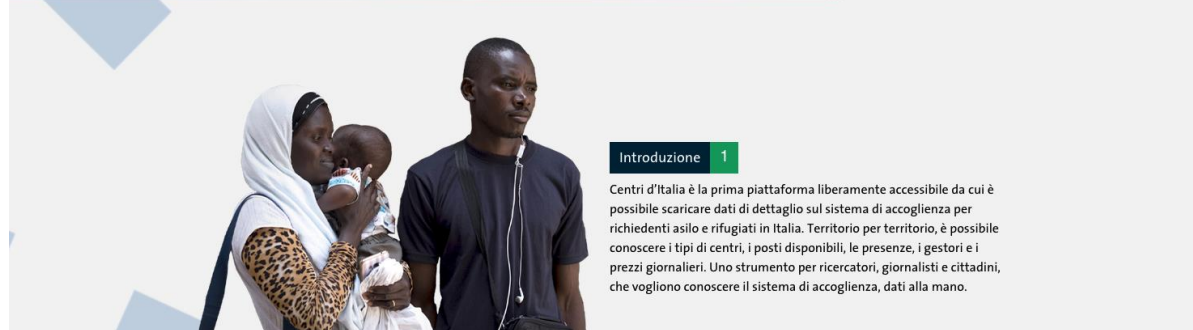
Data about the micro activities (the **projects**), are still not available.

# Data issues

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- Official open data initially released were missing the *metadata* (explanation of the content) and where incongruent from a logical standpoint, some of the identifiers were different with the ones used in officially published documents.
- We forced the publication of correct data through a **FOIA request**.
- Official open data on micro details (the projects) should already have been published, as announced by the institution, but have not. We are doing a FOIA request.

# Centri d'Italia



## Introduzione 1

Centri d'Italia è la prima piattaforma liberamente accessibile da cui è possibile scaricare dati di dettaglio sul sistema di accoglienza per richiedenti asilo e rifugiati in Italia. Territorio per territorio, è possibile conoscere i tipi di centri, i posti disponibili, le presenze, i gestori e i prezzi giornalieri. Uno strumento per ricercatori, giornalisti e cittadini, che vogliono conoscere il sistema di accoglienza, dati alla mano.

## Pubblicazioni 2

Centri d'Italia  
Mappe dell'accoglienza



Leggi la nostra analisi sui centri di accoglienza tra 2018 e 2020.

Scarica il report



Che cosa sono i Sai, i Cas e la prima accoglienza.

Si tratta delle tre principali categorie di centri di accoglienza presenti oggi in Italia. Nei centri di prima accoglienza le persone vengono identificate e indirizzate verso i passaggi successivi. Il Sai è il sistema ordinario di accoglienza. I Cas invece dovrebbero essere attivati solo in via straordinaria, a causa della mancanza di posti negli altri centri.

## I numeri 3

ULTIMA RILEVAZIONE 2020

Posti disponibili Presenze N° di strutture

# Project questions

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- Which structures are hosting migrants?
- Where are they located?
- How many people can they host, how many do they really?
- Which territories host the structures, by province or town?
- How much does a person cost per day, on average?

# Data sources

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Data were only available in an official report, published yearly by the Ministry of interior. It was not an open format (PDF), data were aggregated by province and no detail on single structures was present.

We requested data to all prefectures, with alternated results. Some responded, some not.

Data about contracts have been fetched from ANAC (Anti Corruption Authority) datasets.

# Data issues

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We required detailed open data through a FOIA request to the **Ministry of Interior**, and received a **negative response**.

We appealed to the **Administrative Tribunal**, that gave us a **positive response**, thus forcing the Ministry to release the data (years 2018-2021).

As for the 2021 data, we required the data to the Ministry, and received files that appear to be **incomplete**. For example the infamous *Lampedusa hotspot* is missing.

[guglielmo@openpolis.it](mailto:guglielmo@openpolis.it)



# Clara Bracklo

*CEO of Integreat*



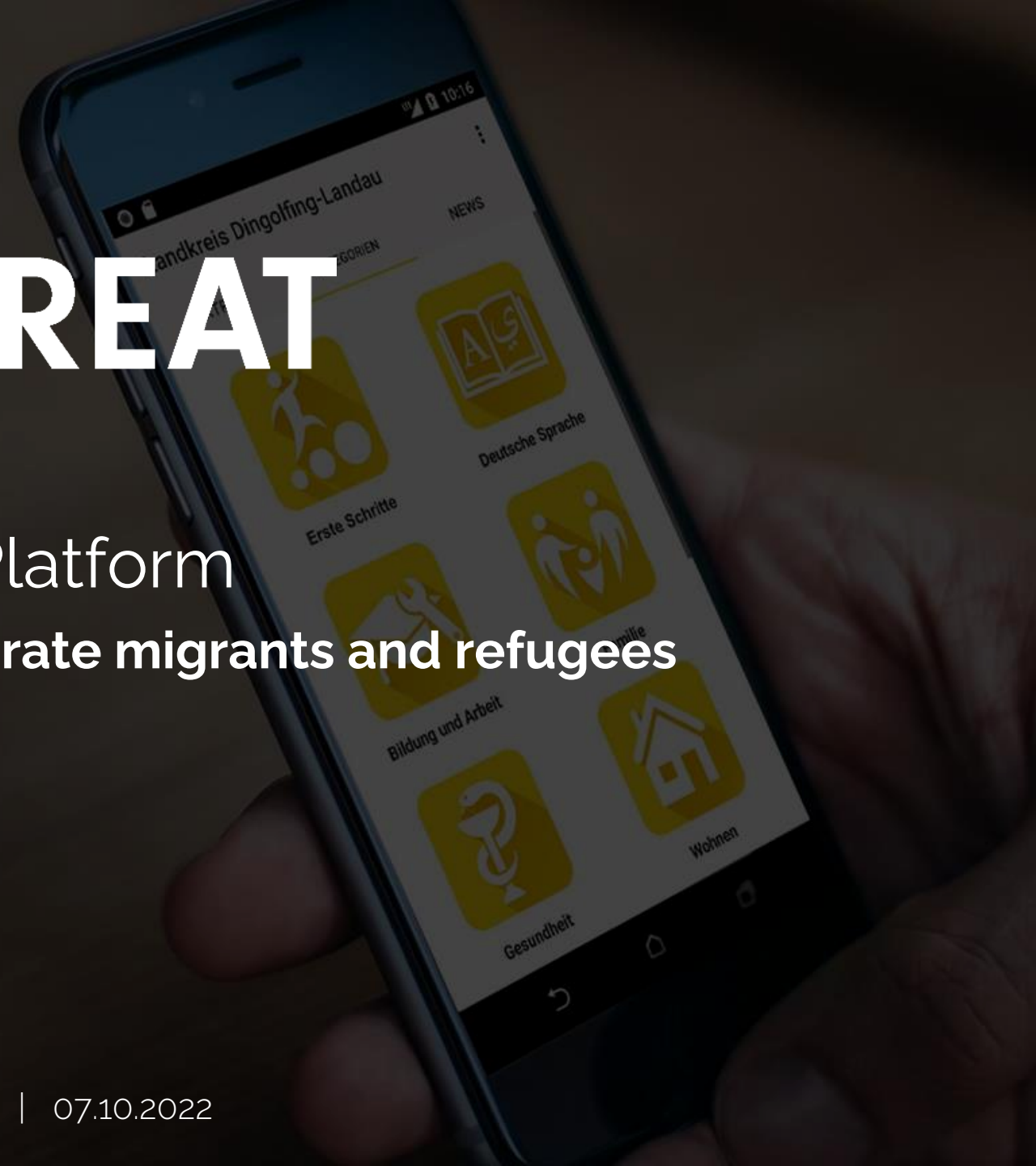


# INTEGRAT

Great Integration.

The Digital Integration Platform

Helping municipalities to integrate migrants and refugees





# From pilot project to nationwide solution.

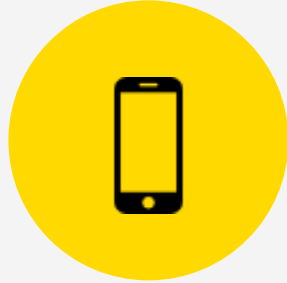
- Jointly developed in 2015 by the integration association "Tür an Tür," the Technical University of Munich, and the Social Department of the City of Augsburg.
- Integreat helps ...
  - ... people to find their way in a new environment
  - ... integration officers to do their work quickly and efficiently.
  - ... municipalities to carry out digital integration work cost-effectively.
- Integreat connects integration actors on the ground and is used by ~90 municipalities across Germany.





# Integreat decreases information poverty.

## Situation



Almost all migrants and refugees have access to a smartphone

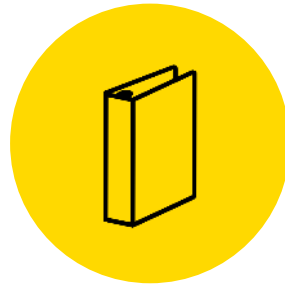


Integration-related topics are very dynamic – as is the content



A stable internet connection is not always guaranteed

## Solution



Integreat makes **local** information, offers, tips, contacts and addresses easily accessible.



Authorities and advisory services can focus on 1-on-1 consultations as important resources are freed up.



# Open data for information transparency.

- **Local integration information** provided by experts on-site
- **Collaboration and shared usage** of content and translations
- **Multilingual content digitally available** and easy-to-find via search engines
- **Interfaces to additional relevant services** (e.g. job platforms)
- **Open Source and Open Data** ensure sustainability and transparency



# Facilitating local integration processes.

- Municipal integration officers are supported by the Integreat team in their responsibility to provide information transparency on a local level.
- A shared communication space between integration actors, volunteers, migrants and the municipality is created.
- Knowledge transfer between all municipal partners is encouraged and enabled by annual regional and nationwide events.
- While events such as the Covid-19 pandemic or the war in Ukraine spark awareness of information necessity creating lasting cooperations is key.



# Looking ahead.

- **Improved understanding of migrants needs** through randomized controlled trial
- **Reducing translation costs** by offering improved automatic translations
- **Strengthening links to municipal websites** by enabling integration of Integreat
- **Easing information search** within Integreat by piloting a chatbot
- **Scaling the impact beyond Germany** through international cooperations



## CONTACT

Tür an Tür – Digitalfabrik gGmbH  
– *Integreat* –

 [info@integreat-app.de](mailto:info@integreat-app.de)

 [www.integreat-app.de](http://www.integreat-app.de)

 [twitter.com/integreatapp](https://twitter.com/integreatapp)

 [facebook.com/integreatapp](https://facebook.com/integreatapp)

 [github.com/digitalfabrik](https://github.com/digitalfabrik)



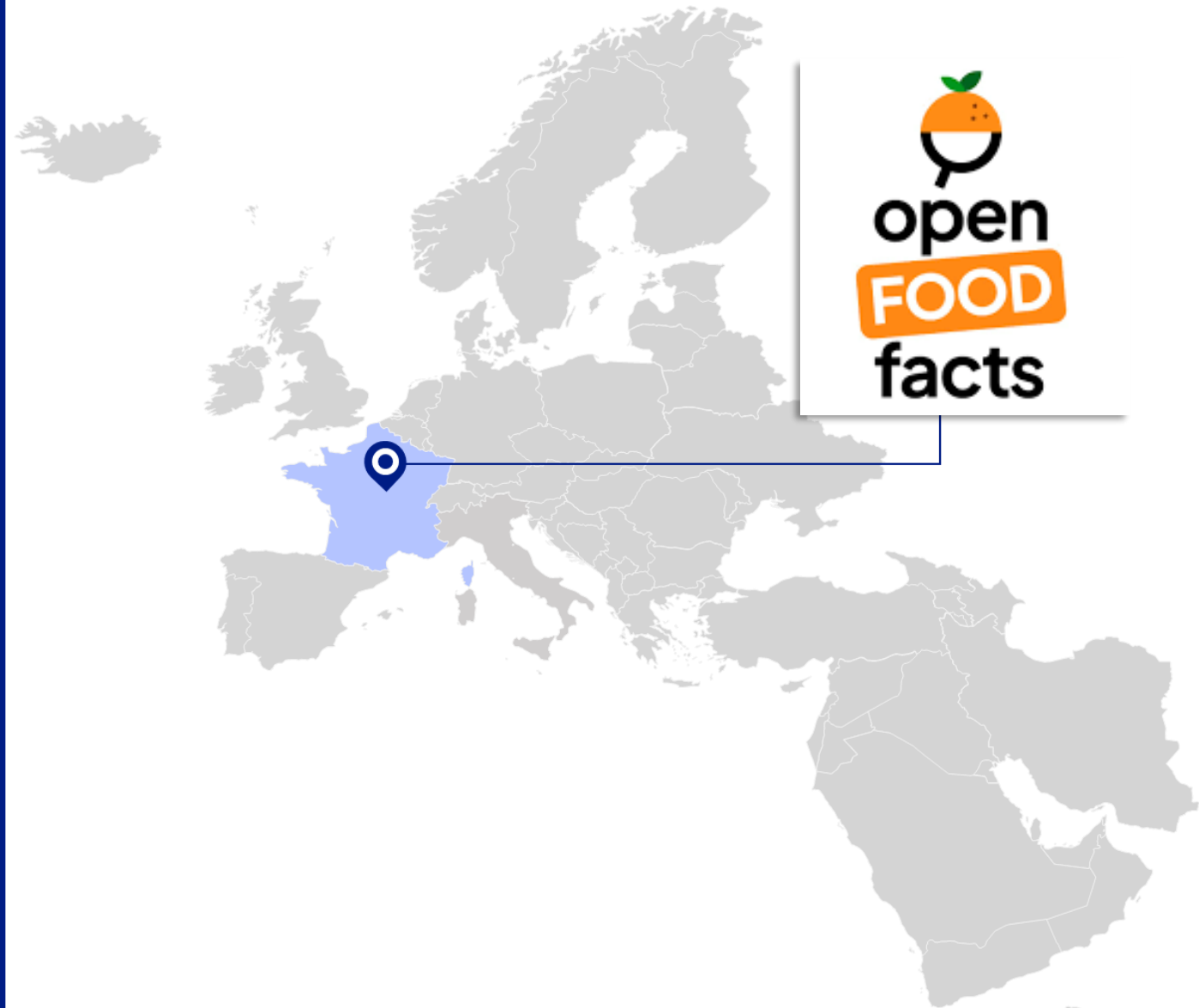
# Jelle Kamsma

*Head of Product at ANP*



# Stéphane Gigandet

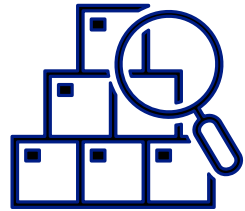
*Founder of OpenFoodFacts*



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Please provide  
your feedback!



# EUDATATHON'22



Final event,  
20 October 2022

Register  
now!

#eudatathon

[op.europa.eu/eudatathon](https://op.europa.eu/eudatathon)



# Don't miss our next webinars!

The graphic features a dark blue background with several decorative elements: a red square in the top-left corner containing the 'data.europa academy' logo; a blue horizontal bar at the top with the text 'WEBINAR FOR DATA PROVIDERS'; a white graduation cap icon; and various geometric shapes in blue, orange, and yellow.

**data.europa academy**

WEBINAR FOR DATA PROVIDERS

Understanding open data:  
technical openness

21 October 2022  
10.00 – 11.30 CET

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