URBS
Urban Retrofit Business Services

URBAN RETROFIT BUSINESS SERVICES

Facilitator of energy, social and digital transition for territories

IMOPE
by URBS

THE NATIONAL BUILDING STOCK OBSERVATORY

www.urbs.fr

Who we are?

- **Start-up**
  - ✓ Patented technology based on high-level academic researches
  - ✓ At the heart of innovation (Data,AI, Machine & Deep learning, Dataviz, ...)
  - ✓ National recognition

- **A multi skills team**

Data + R&D
Data analyst, scientist, mathematician
(XP > 20 years)

11 experts

Dev / Admin System
(front, back, UX, UI, web, GIS)
(XP > 20 ans)

Thematic Expert
(XP > 12 ans)

Project Follow-up
(XP > 12 ans)

Our global goal

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Improve the knowledge of building actors to achieve the climate, energy and social objectives

In detail

Main and shared objectives

+

1. **Develop a innovative data exchange observatory** for harnessing the potential *building stock and create a carbon-neutral and energy efficient built environment

2. **Disruptinig renovation and *housing policy** by collecting, processing and sharing *building stock data in a shared online platform

3. **Defining a standardised data management approach** for a reliable *Building stock status and progress analysis;

4. **Bring together relevant *actors**, an engaged *community of users interested in contributiong to a sustainable and meaningful data flow, with the goal of a rapid building stock decarbonation

* = French for U.R.B.S.
* = EU for BuiltHub

Our expertise

DATA PROCESSING / SCIENCE

Contextualize the data : gain in quality and accuracy to improve building knowledge

DEVELOPMENT OF GEO SERVICES / DECISION SUPPORT TOOL

(Geographic Information System)

Development of web data visualization tools : facilitating trades, making data actionable

EXPERTISE AND SUPPORT

Administrative support (GDPR). Create the appropriate legal framework for data sharing. Expertise in French housing policies

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https://imope.urbs.fr

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https://catalogue.numerique.gouv.fr/solutions/imope

Premier ministre
Direction interministérielle du numérique

Catalogue GouvTech : des outils numériques pour les services publics

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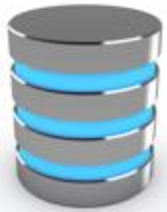
Services

GIS Tool

Link



DATA Base

Perimeters

National

Private / Social / Public housings

+ 250 topics

Data for each adress/building

Use cases

- Support of local or national programs (urban planning, …)
- Deployment of Observatory
- Implementation of P.I.G
- Creation and update of PLH and PLUi
- SPPEH, EIA, PTRE, SARE…
- Support for housing (fight against fuel poverty, vacancy, unfit housing, etc.)
- Support for Climate Plans/TEPOS/SCOT
- Support for CRTE, « Petites villes de demain »
- …

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COMPLETE DATABASE ON FRENCH BUILDING STOCKS

Flood, Earthquake, Clay…

FILOSOFI
QPV
ZSP

MERIMEE

LE REGISTRE DES COPROPRIÉTÉS

DVF

DPE

Fichiers Fonciers
DV3F
1767BISCOM
LOVAC

Energy concump.

BDTOPO
MNS
MNT

BAN

RPLS

National data: Geometric, semantic, spatial crossing

Local DATA
(on demand)

LHI, FSL, DIA
CRM PTRE,
CAF, CCAS,

Data from field (users)

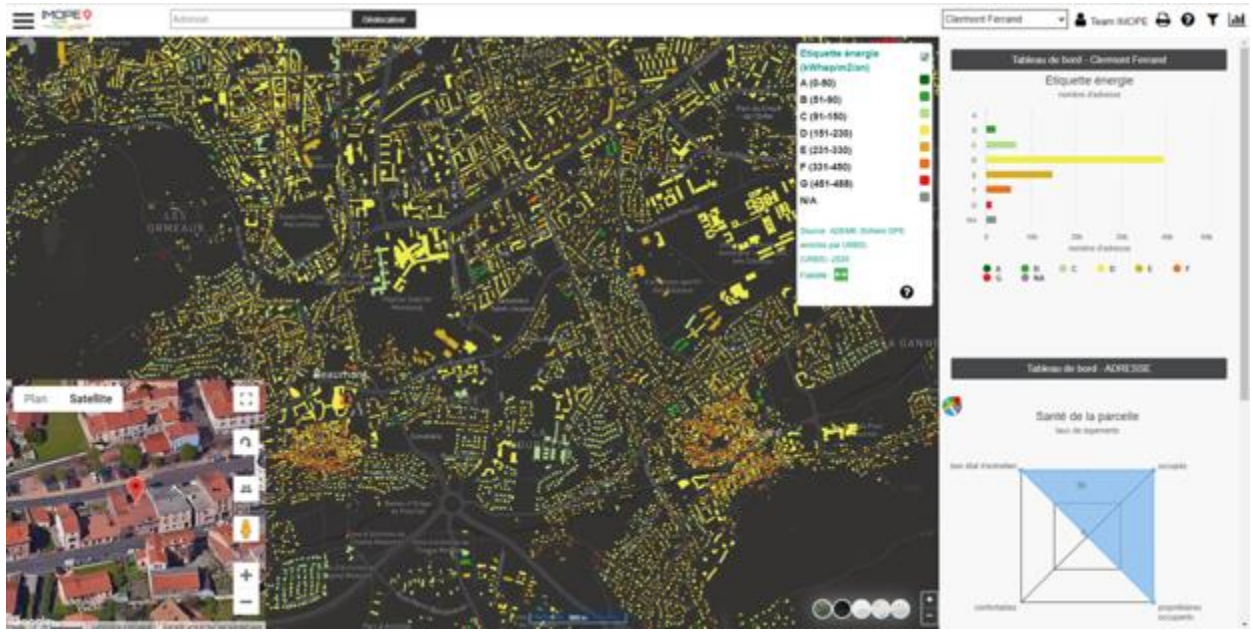
DATA VIZ

AN INNOVATIVE DIGITAL SOLUTION

NATIONAL BUILDING STOCK OBSERVATORY
Web GIS Tool, interactive, ergonomic & collaborative

Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE
Premier ministre
Direction interministérielle du numérique

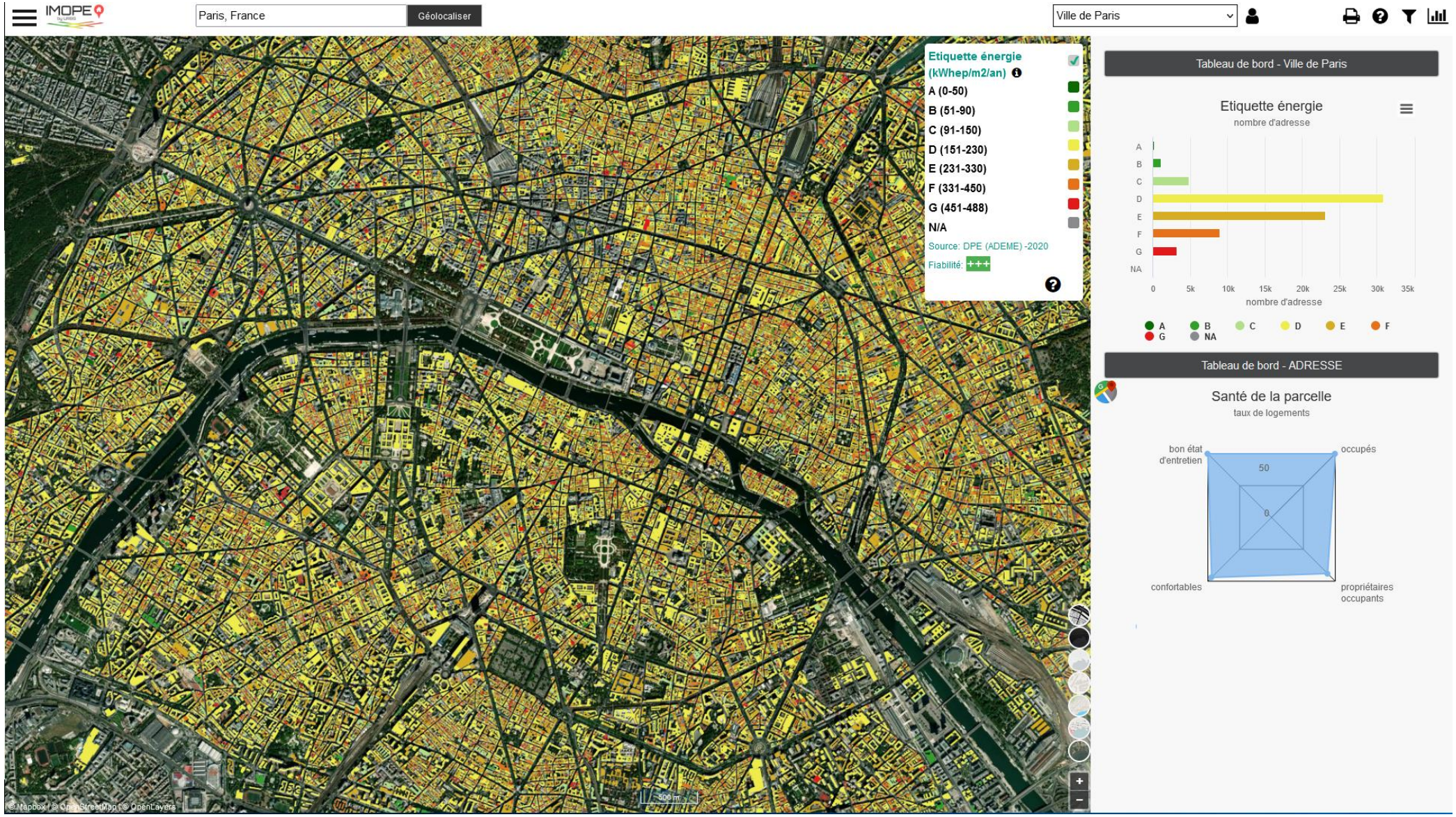
Catalogue GouvTech : des outils numériques pour les services publics



- Information by field operators
- Massification scenarios
- Tracking indicators over time
- Pedagogical sheets

DATA VIZ

AN INNOVATIVE DIGITAL SOLUTION



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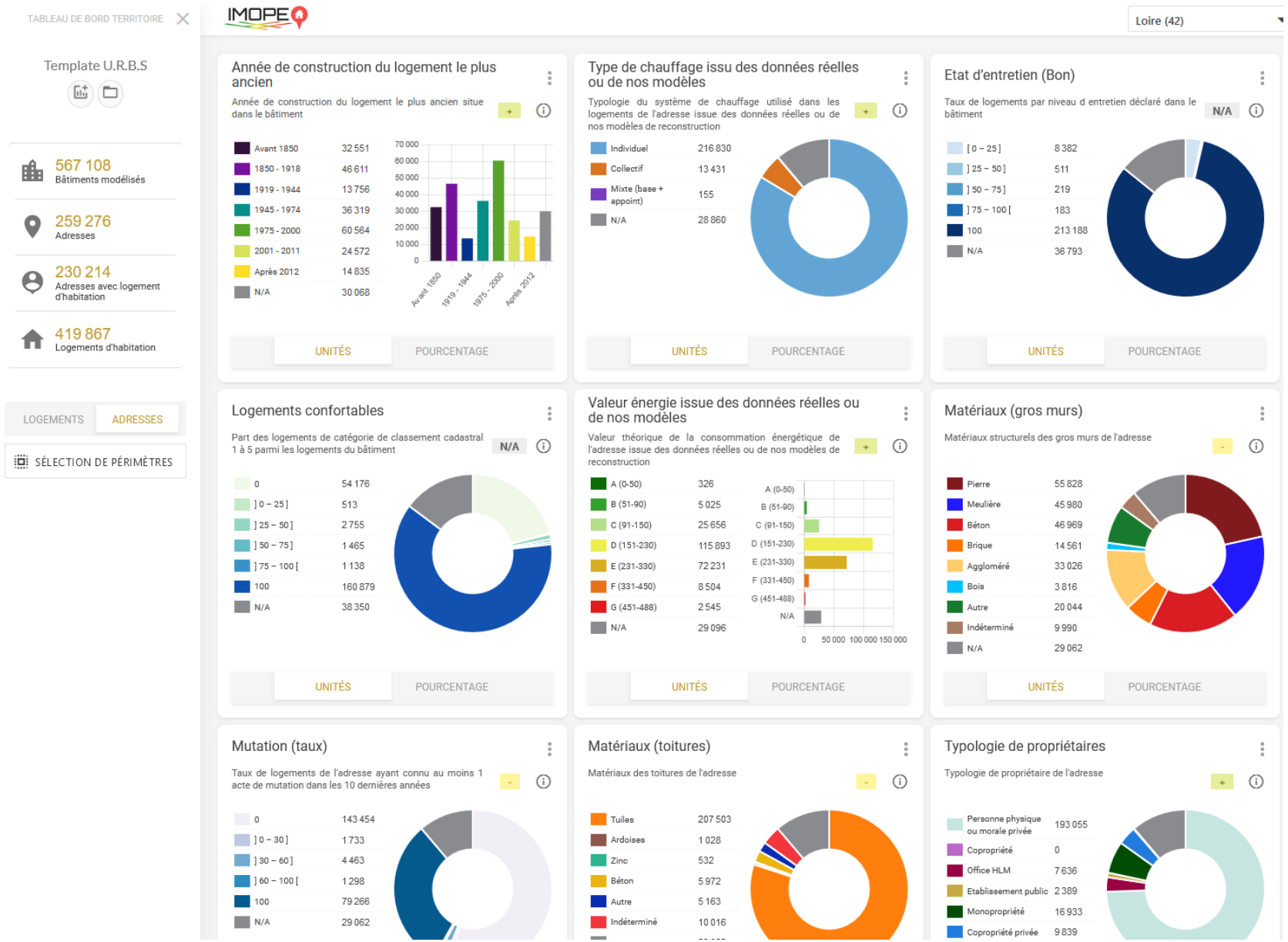

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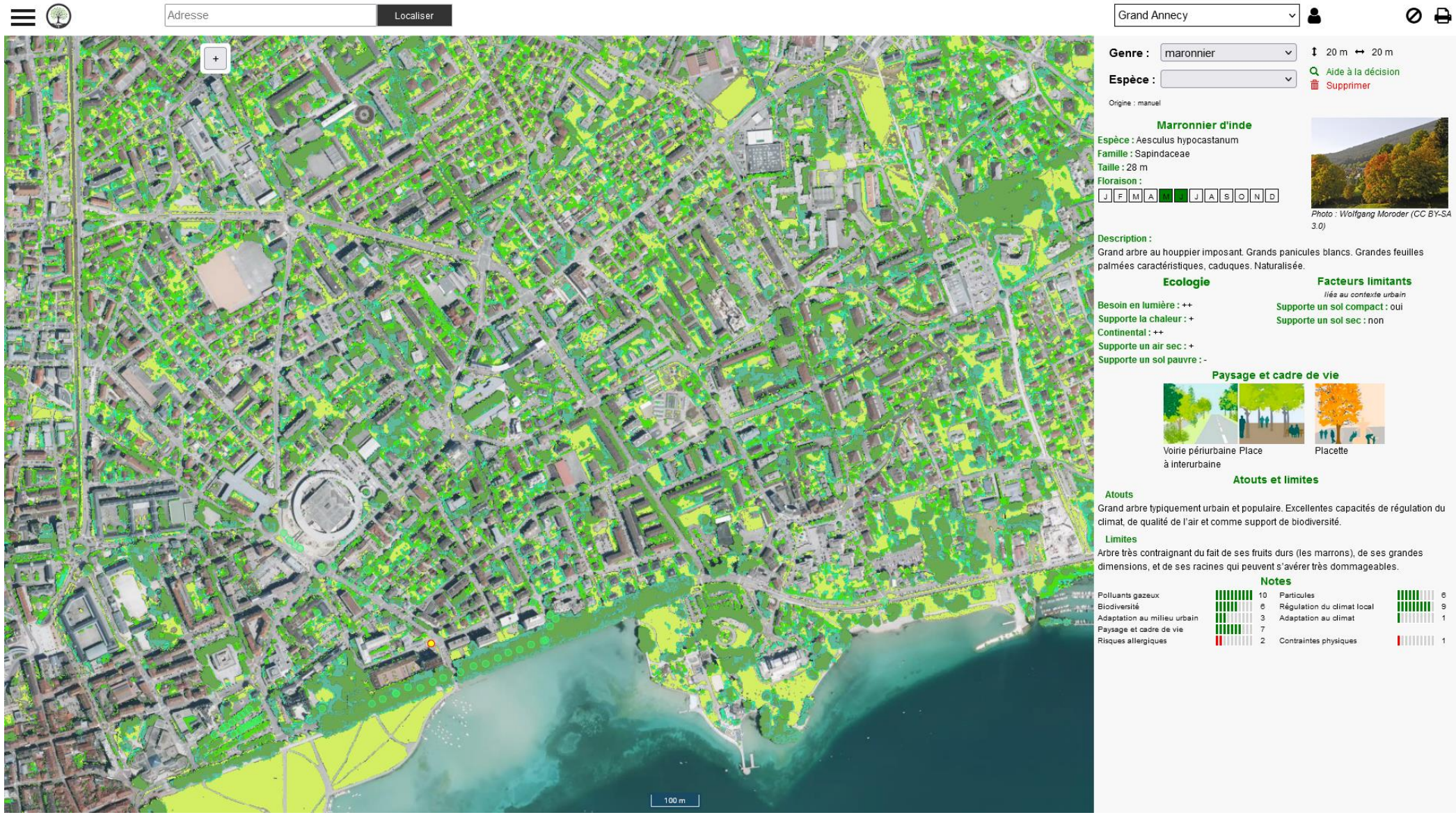

Partners / References

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