urbio

Accelerating your transition to clean energy

ENERGY PROVIDERS | CONSULTANTS
REAL ESTATE | BANKS | MUNICIPALITIES

You're in good company

ROMANDE ENERGIE   CKW.   OIKEN   groupe e   STG   intep   Wälchli Basler

RESOLIA thermal networks engineering   Trianel   PLANAIR   GETEC   wsp BG   ...and more!

The challenge

The energy transition has disrupted the energy sector.

Today, we have to act fast towards decarbonization, despite limited time, people and resources.
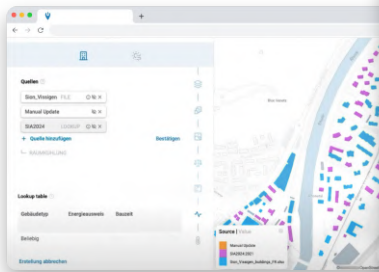
Top use-cases

🏢 How to implement an efficient decarbonisation strategy for my buildings?

☀️⚡ Which roofs of 500 m^2 are the most promising for solar PV ?

🔧 Is the heat density of this area sufficient to develop district heating ?

🏢 What is the market potential for developing heat pumps ?

Online AI software to plan the decarbonization of existing buildings
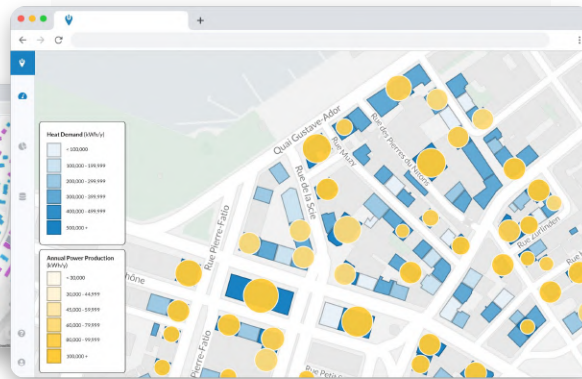
Organize Your Data

Reliable

Automatically merge dozens of energy data sources, machine learning and your own trusted files.
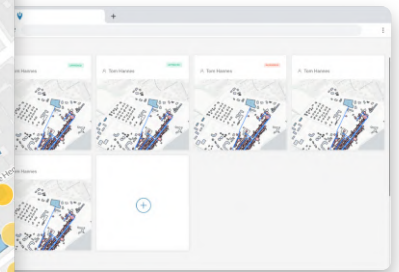
Analyze Maps

Intuitive

Online geospatial features for your entire team. Easily locate hotspots for district heating or filter promising buildings for solar and heat pumps.

Automate Design

Fast

Let AI help you design optimized energy systems and retrofit measures for your buildings or even entire cities. In minutes.

Why customers choose Urbio to accelerate their energy transition:

Project volume

Faster identification of best projects

More bandwidth and more projects

Scalability of team skill set

Quality

Data accuracy and transparency

Simulations and clear visuals

Risk reduction from the start

Cost control

Lower resource cost, higher margin

No data and tool maintenance

Capitalization of expertise and data

Urbio Feature List: your fast-lane towards net-zero

Data Factory

Data collection creator
Centralize in one place dozens of data sources - including your own files - to create personal or company collections.

Data plausibilization
Check the completeness and accuracy of your project's data with dedicated map visualizations.

Machine Learning
Benefit from our ML models to obtain deeper insights into building attributes.

Digital Twin

Building filters
From thousands of buildings, quickly filter the most promising ones based on your preferred criteria (roof size, building age, roof material...).

Key statistics
Easily display the key statistics about your perimeter. Combined with filters, dynamically update the values to a subset of buildings.

Building details
Explore projects with building-scale granularity: How much electricity demand? What system is installed? Who owns this asset?

And more!

Generative Design

Solar PV
Pre-design rooftop solar systems, and evaluate financial and energy indicators. For one or thousands of buildings.

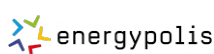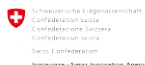### Retrofit
Implement retrofit strategies and prioritize the next buildings to focus on according to your CO_2 and financial goals.

Heating network
Identify network trajectories in areas with high heat density and determine financial viability of projects early on.

Backed by leading organizations in Europe and Switzerland

EPFL · Schweizerische Eidgenossenschaft / Confédération suisse / Confederazione Svizzera / Confederaziun svizra — Swiss Confederation — Innosuisse – Swiss Innovation Agency · energypolis · FIT fondation pour l'innovation technologique · CCF SA · TOP 100 #1 Proptech SWISS STARTUP AWARD 2022

eifer European Institute for Energy Research by EDF and KIT · Start Up Energy Transition · vedec Verband für Energiedienstleistungen, Effizienz und Contracting e.V. · energate · bruxelles environnement .brussels · sifted /

We've got your back.

Our support team ensures your success, from onboarding to daily use.

Custom training
We personally train your team to get up and running in 3 short sessions.

User docs
No black-box here: find all sources and model assumptions in clear docs.

Live chat
Reach our support team in 2 clicks, get a same-day response!

Online secure software
As a web platform, no installation is required, and you get direct access to updates.

Multiple languages
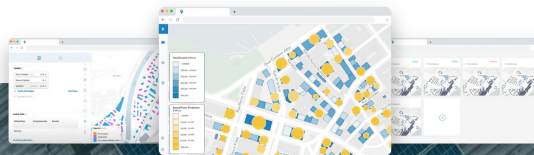View the app and docs in German, French or English.

Monthly features
Every month, discover exciting new features directly in your inbox.

Book a demo to discover the ultimate large scale decarbonization acceleration platform!

About Urbio

We are an impact-driven software company specialized in urban energy planning. Founded in January 2020, Urbio is a spinoff from climate-tech university EPFL, born in the bubbling technology park of Energypolis in the heart of the Swiss Alps. Because climate change has no borders, Urbio is growing fast to tackle the energy transition globally.

"Urbio can easily replace 5 days of work by 5 minutes."

Philippe Corboz, Smart City Project Manager, Romande Energie

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