

Our mission

Unlocking the geo-energy potential by empowering non specialists :
multiply by 10 the spread of this local and sustainable energy



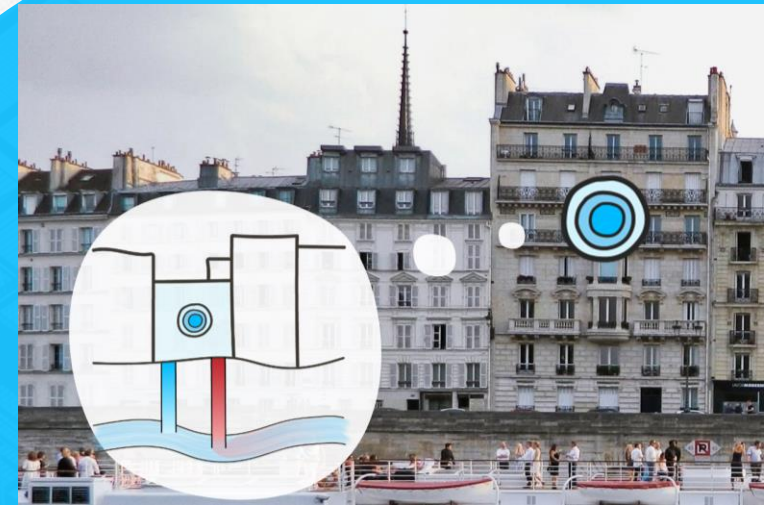
The first deeptech geo-energy search engine to cut energy consumption by 75% and carbon emissions by 90% for 1500 buildings by 2028



An invisible solution to grey discount

Aging buildings

Less attractive
Devaluated portfolio



Geo-energy, yes but where ?

Local decarbonized energy production
Up to -75% consumption, -90% carbon
emission, estate value +15%

On which buildings ?
And how?



We make geo-energy easy



Where ?

First geo-energy search engine using technical and financial criteria



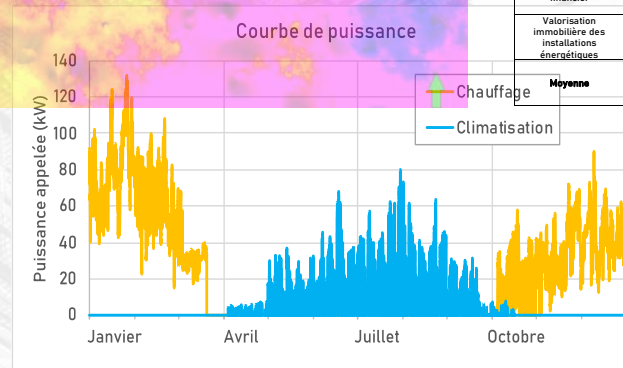
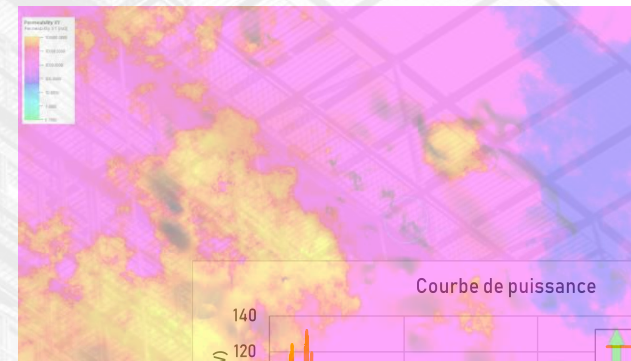
Commencez par saisir une adresse

Test

Scan

How ?

Full geo-energy audits accessible to non-specialists



Indicateurs	Rénovation performante	Rénovation légère (ventilo-convecteurs)	Rénovation légère (plafonds rayonnants)
Baisse du décret tertiaire	10	8,7	9,3
Contrôle de risque technique	7,5	7,5	7,5
ROI via charges	5,3	5,4	6,9
Sobriété carbone	7,5	4,3	4,5
Contrôle de risque financier	7,5	7,5	7,5
Valorisation immobilière des installations énergétiques	9,3	9,4	10,0
Moyenne	7,9	7,1	7,6



How does it work ? The deeptech behind

18 years of R&D in the oil industry and top-notch academic partners :
IFPEN, BRGM, Sorbonne Université, Dynfluid (ENSAM), Université Dauphine

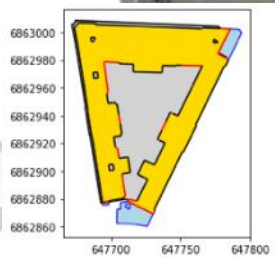
Patent

1910018 in France –
under PCT

Unique proprietary
systemic methodology
coupling integrated
building and underground
models

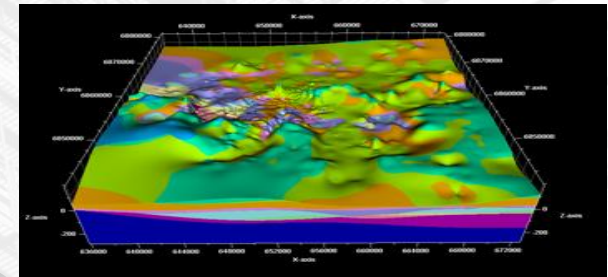
Building modeling

with climate
conditions and
building use



Underground modeling

3D map and predictive models



Financial Modeling

Estate green value assessment



A team engaged in the energy transition



Alice Chougnet, PhD
CEO and cofounder
Technical background and commercial expertise - >1M€ Project Management experience



Quentin Barral, PhD
CTO and cofounder
Physics - Well construction- Buildings expertise- Technical lead experience



Chloé Lamy
Commercial Director
Energy Sector -Real Estate Business Development experience



David Clain
Software Architect
19y experience



Louis Bondaz, PhD
Physicist/
Data Scientist



Benoît Nigon, PhD
Geologist



Jean-Louis Debezia
Economist/
Data Scientist

Operational team at 100%

Advisory board of shareholders

Virginie Gervais-Bazin, Financial expert, Christian N'Guyen, IP expert, Marion Pelletier, Business development expert and Philippe Goebel, Energy market expert.

Partners

Dauphine | PSL
UNIVERSITÉ PARIS

Géosciences pour une Terre durable
brgm

ifp
Energies nouvelles

DynFluid
Fluid Dynamics Laboratory

SORBONNE
UNIVERSITÉ



IGN

eit Climate-KIC

cap-digital
Paris Region

Incubateur
Arts et Métiers

storengy
A company of ENGIE

e-on



Addressing an exponentially growing market

European geothermal heat pumps market

Global : €3.7 billion in 2018
over €8.3 billion value by 2025

Market opportunity : 360M€/year
10000 installations/year
+16TWh/year energy savings
+4MteqCO₂/year savings

Early adopters



COVIVIO


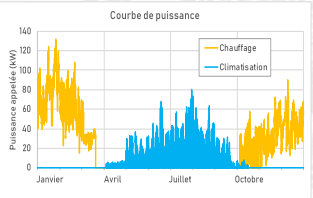


gec1na





Business Model

Products (same modelling backend, adapted frontend)	Value Proposition	Key features	Market approach	Selling price
<p>Scan (step 1)</p> 	Technical and financial indicators of geo-energy potential to identify good building candidates	Quick and reliable Self learning	Direct sales - SaaS (asset managers, building owners, investors)	1000€/year platform subscription 500€/building (average basket : 10)
<p>Geo-energy audits on good building candidates (step 2)</p> 	Modeling results including technical and financial value return assessment to guarantee long term valuable investment	Systemic approach with integrated models Quickly launched	Direct sales -SaaS (asset managers, investors)	4000€/year platform subscription 6400€/building (average basket : 3)



An integrated software accessible to non-specialists



Building modeling (eg IES Virtual Environment)

Underground modeling - exchangers (eg Pipesim)

Underground modeling - groundwater (eg Feflow)

Building thermal analysis



Underground thermal analysis



partial

partial

Non invasive prediction



Easy to use SaaS



Financial and estate valuation





Commercialisation and Development Plan

2028 USA

2024

2025

2024

2027

2026

2025

2026

2027

2028



Development plan

By the end of 2021 : for France, scans available on SaaS, geo-energy audits automation

By the end of 2023 : for France, Germany and the UK, scans and geo-energy audits available on SaaS



Financial needs

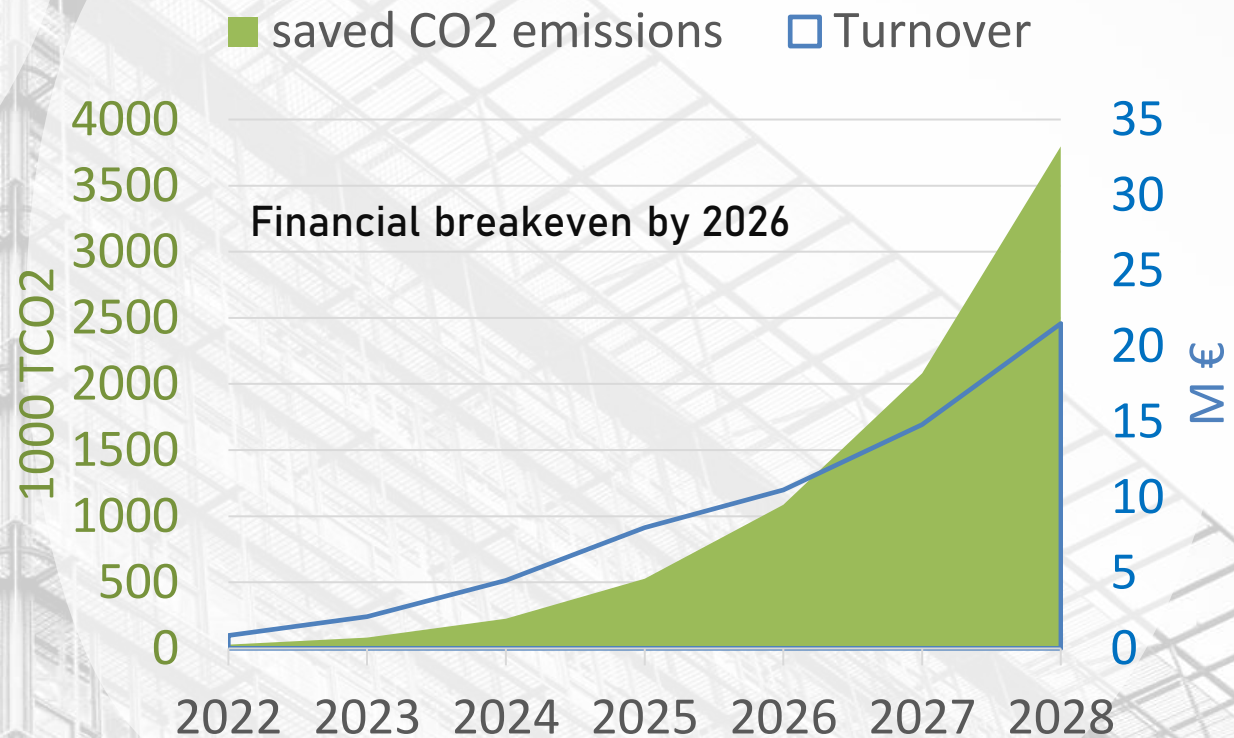
To finance our international extension and ensure a business model fully on SaaS our objective for our next fund round (2022) is :

450 k€ public grant
800 k€ Seed

Funding attracted to date (April 2021)

- €230k Grants (ADEME, EIT Climate KIC)
- €550k pre-seed equity fundraising
- €100k sales to early adopters

Forecast



We are

a deeptech company leading the drive to fasten by 10 the roll-out of decarbonised energy source right under our feet

Our market is ready

Our multiple early adopters demonstrate the need of the building sector to adopt geo-energy when the technical and financial risks are controlled



2022 Seed objectives

450 k public grant
800k€ equity

to ensure our international development in SaaS