Capenergies

SUSTAINABLE PLACES 2022

PITCHING SESSION

ecoCO2 Donnons du sens à l'énergie

GRIDPOCKET

MACAUTO

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PITCHING SESSION

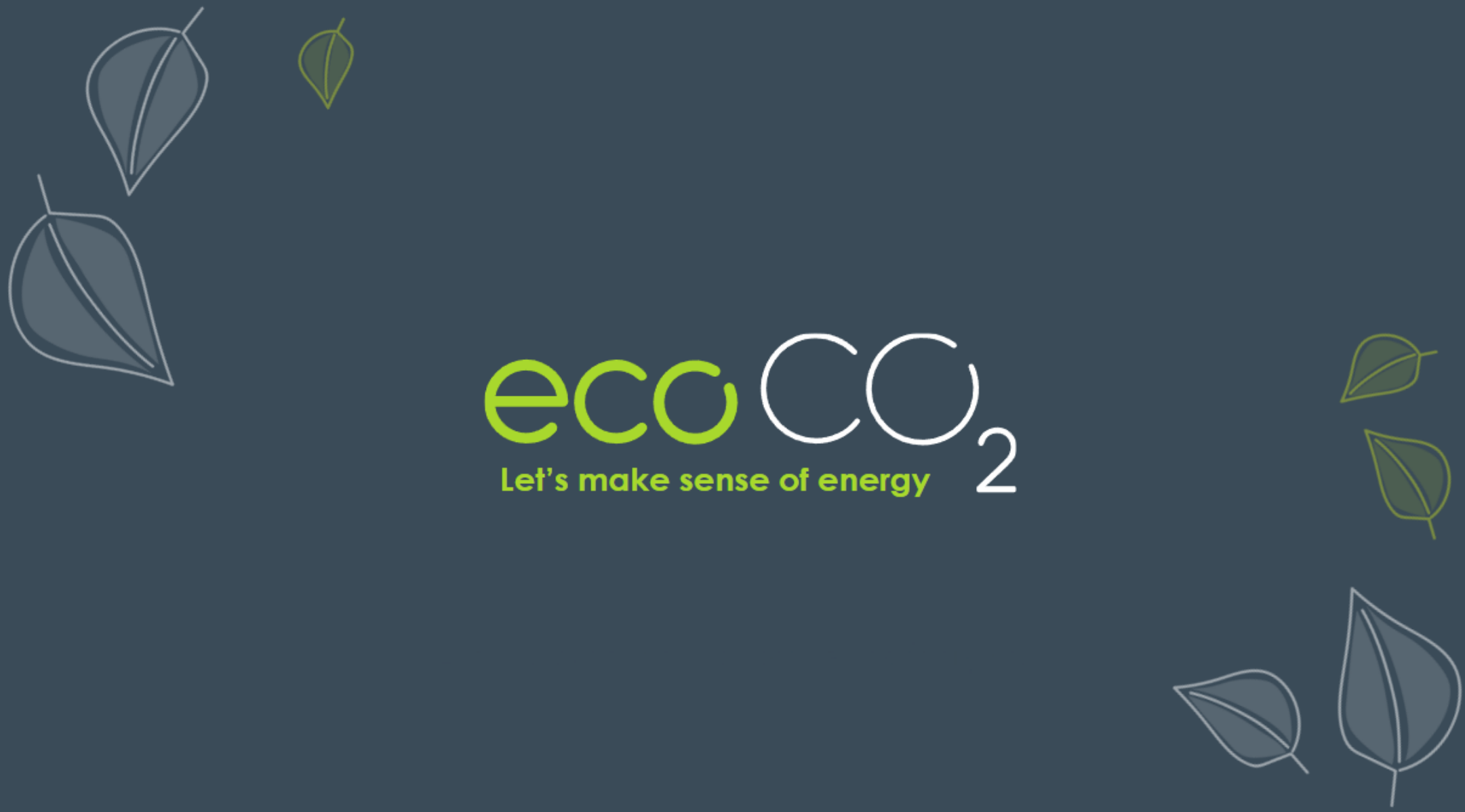
eco CO_2
Donnons du sens à l'énergie

SUSTAINABLE PLACES 2022

Capenergies

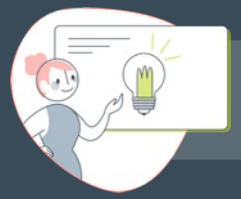
Valda Stanley, product manager

valda.stanley@ecoco2.com


eco CO2
Let's make sense of energy

Eco CO2

Key activities



Awareness Programs

Data-based studies

IoT solutions

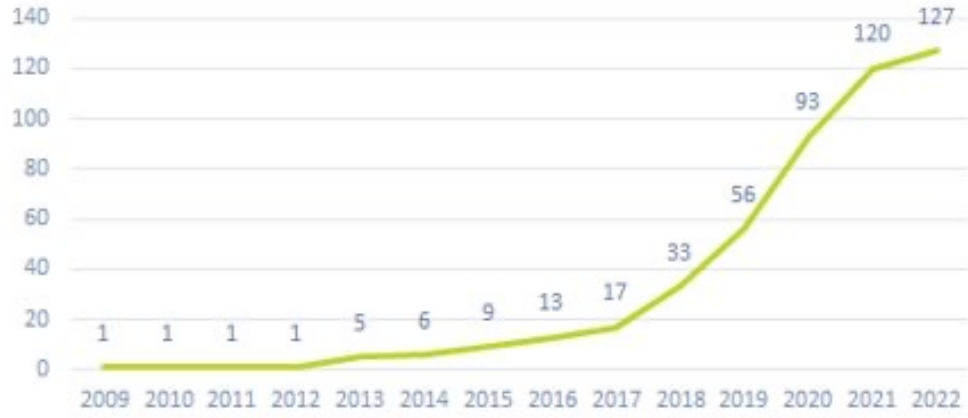
Revenue

60 % growth
in past 3 years

&

14m € in 2021

Employees



Energy-saving Studies

TBH Alliance

2014 – 2015

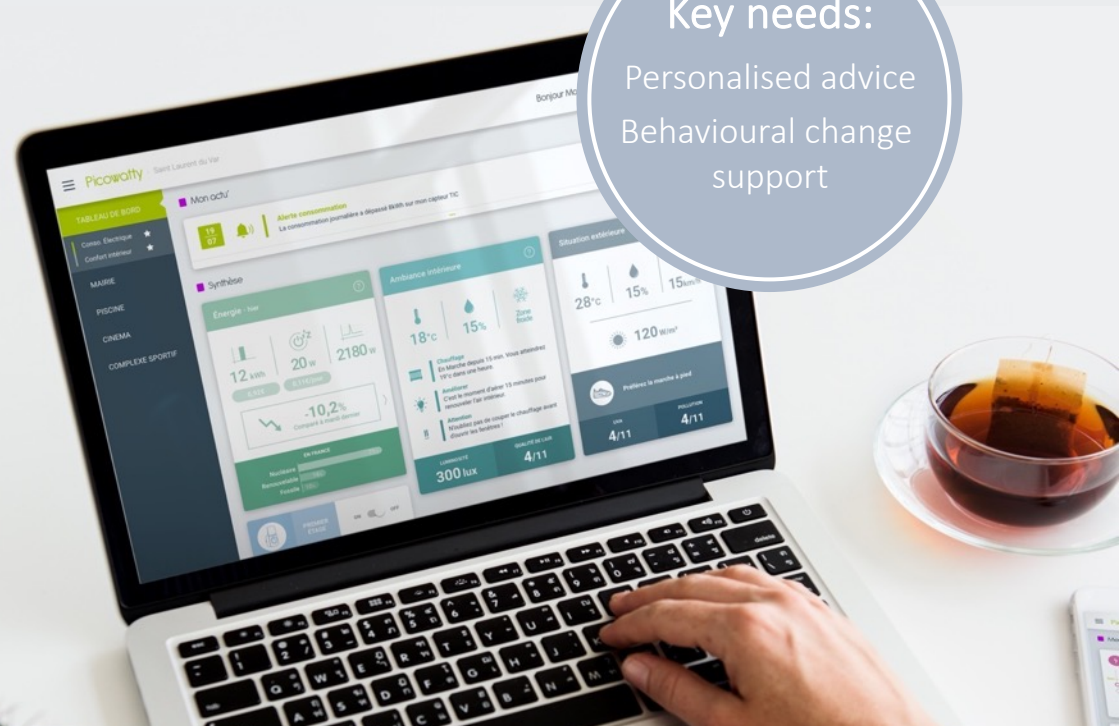
3200 French households

7,7% energy savings

PicoWatty

2019 - 2020

100 organisations & individuals



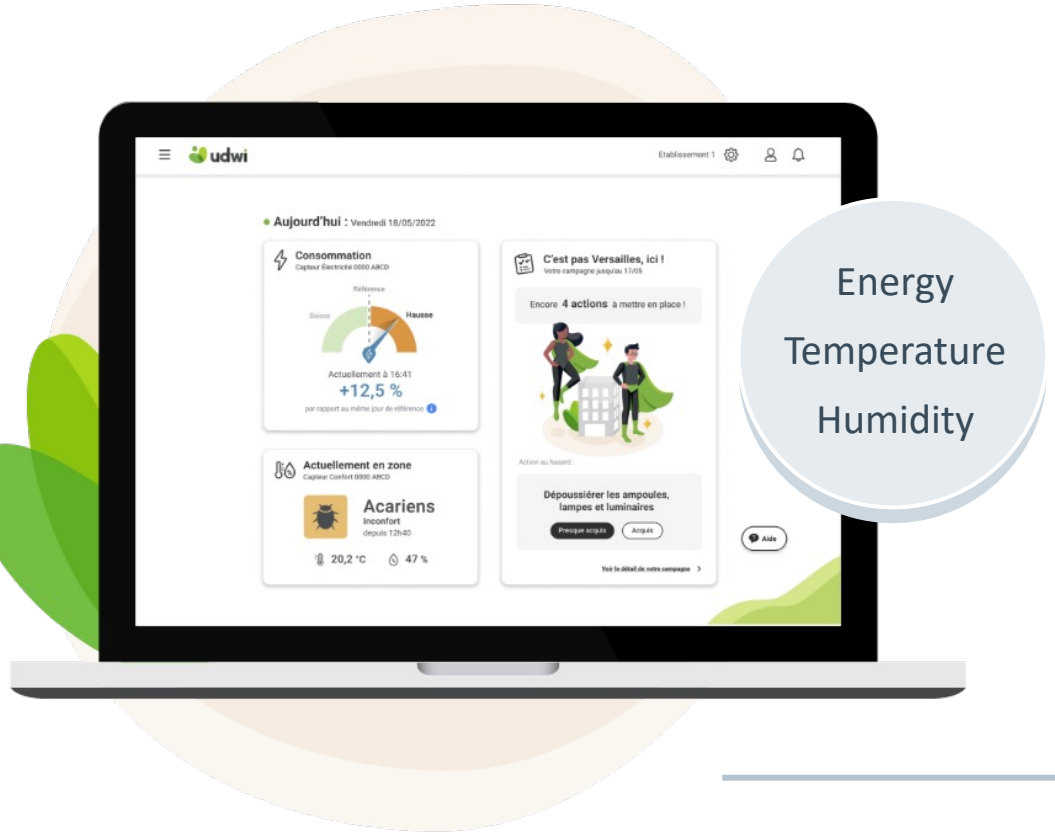
Key needs:

Personalised advice

Behavioural change support

Udwi

Small-medium organisations



Energy

Temperature

Humidity

Support & personalised advice

&

Awareness programs & material

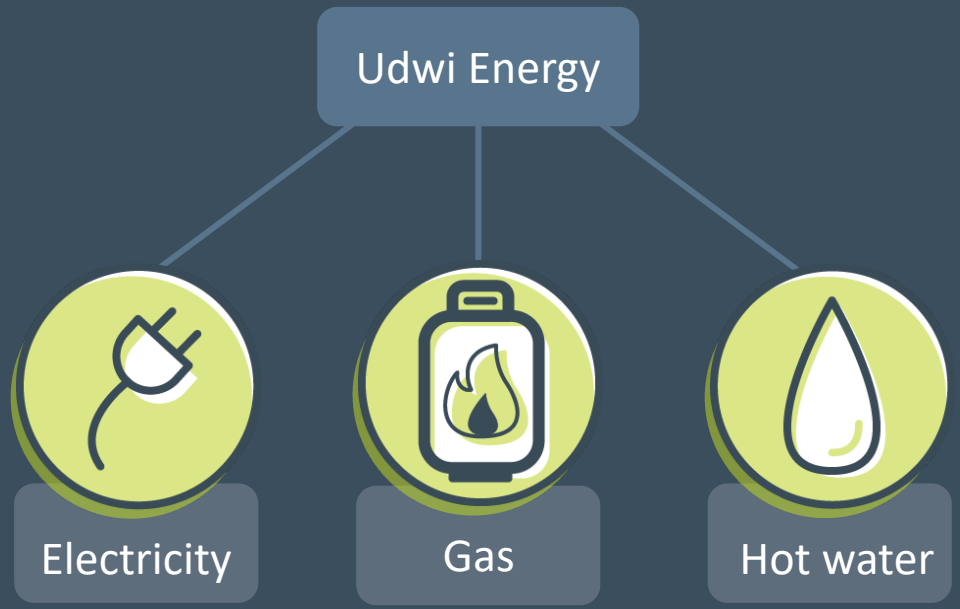
udwi

Udwi

Beta-test **2022**

Go-to-market **2023**

1



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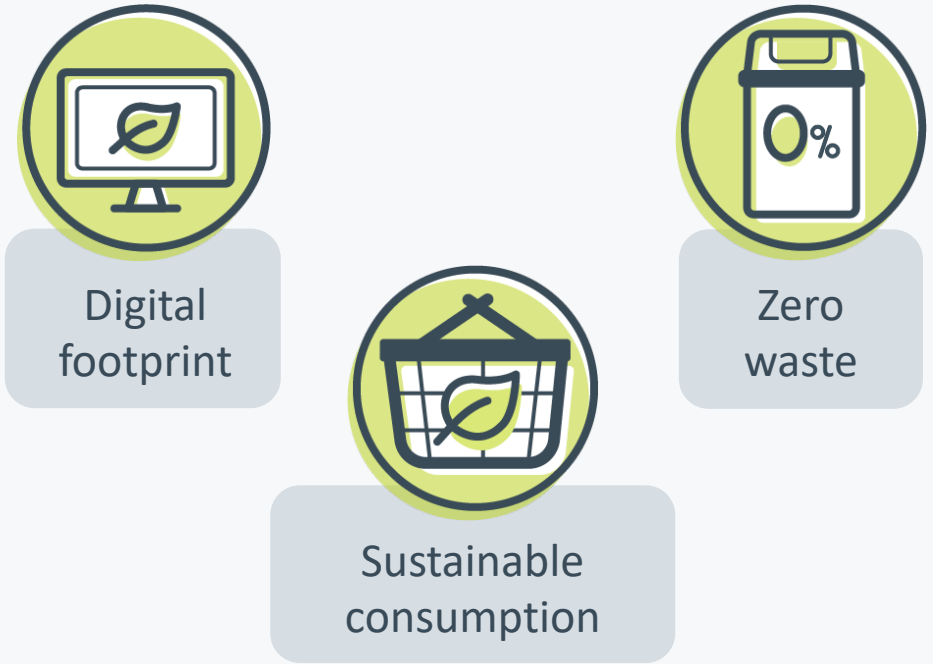

Donnons du sens à l'énergie

Valda Stanley
Udwi Product Manager

Mail : valda.stanley@ecoco2.com

www.ecoco2.com

facebook.com/EcoCO2
linkedin.com/company/eco-co2
twitter.com/EcoCO2
youtube.com/user/ecoco2channel

PITCHING SESSION

MACAUTO

SUSTAINABLE PLACES 2022

Capenergies

Patrick Hurpin, CEO **Fabrice Berjoan, Partner**

macauto@free.fr

TEAM MACAUTO

CEO - EPHA - MACAUTO

Background and profils members 50% Ingeneers members

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MACAUTO HIVES

1 - How to produce regional green energy ?

2 - How to create Sovereign Data in a European offer ?

3 - How to capture and store green energy ?

4 - How to increase the purchasing power of employees without additional expenses?

5 - How not to systematically resort to public money?

network mesh + Territorial innovation + France + UE

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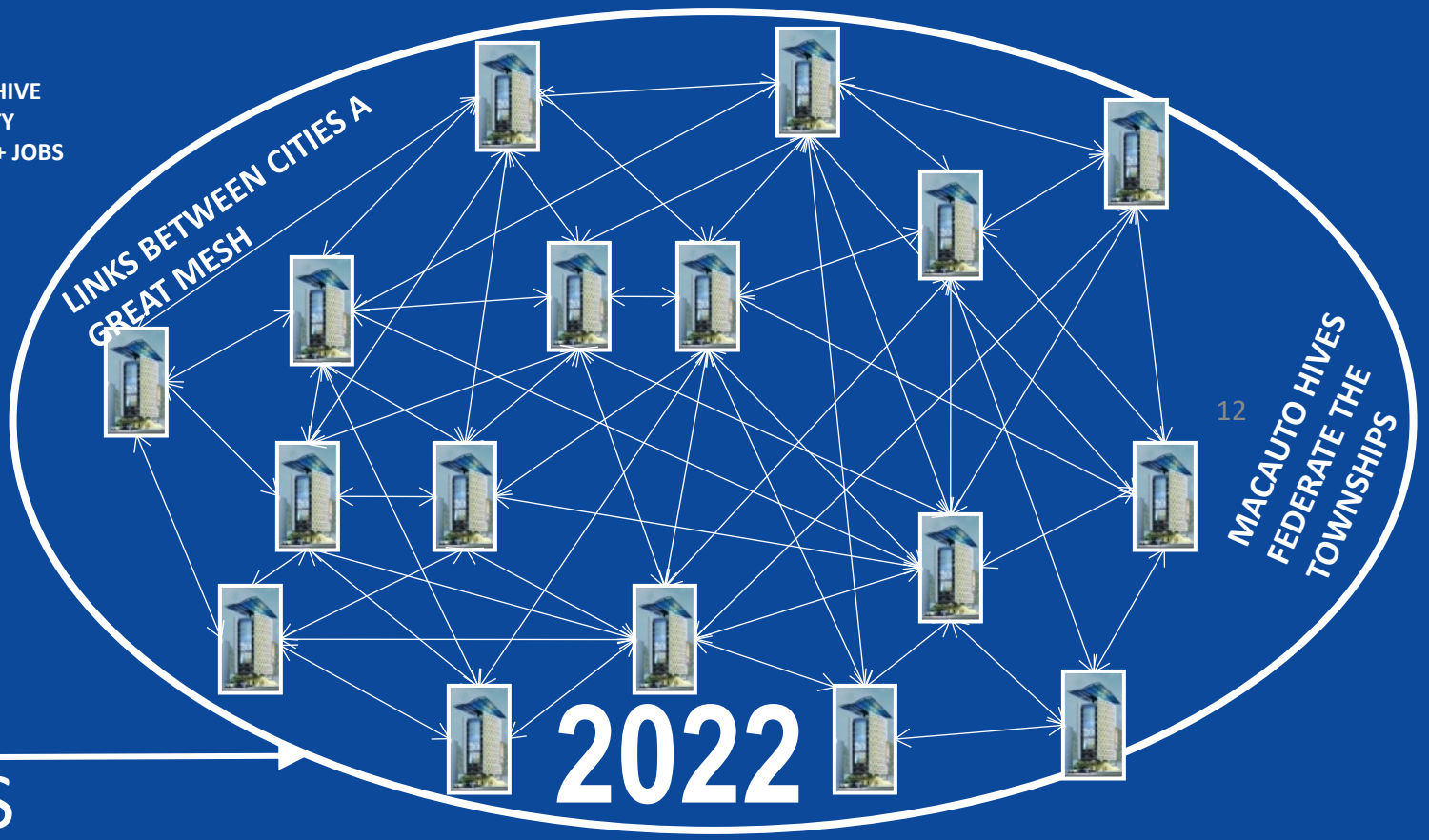
PITCHING SESSION

NETWORK MESH

ARCHITECTURE TOWNSHIPS & REGIONS + CITIES + COUNTRYSIDE + MOUNTAINS

1 - ENR energy storage
2 - ENR energy capture
3 - Mobility O GES = OK COP21
4 - National Networks Mesh
5 - DATA-AI +STOCK + 6,000 SMEs / HIVE
6 - URBAN + SEMI-URBAN + RURALITY
7 - ZERO PUBLIC DENIER + ACTIVITY + JOBS

MESH HIVES



network mesh + Territorial innovation + EU

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MACAUTO Hive Benefits

1 - Increase in Employee Purchasing Power €350 per month
2 - Capturing and producing green energy + producing green hydrogen
3 - Save land space 11,000 m² of parking per Hive
4 - Build Sovereign Data Edges for 6,000 small and medium enterprises
5 - Make carbon-free mobility + massively build electrical terminals
6 - Treat Urban Heat Islands with Urban Cool Islands
7 - Being a brake on public spending (by financing Franchisee tenants)

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BUSINESS CUSTOMERS ?

In need floor space savings + increased employee purchasing power + optimized carbon footprint

+

Then Network mesh

Renewable energy capture and storage

+ Sovereign data

+

+ Network meshing

Urban Heat Islands by Urban Cooling Islands

=

EU mobility network mesh for energy

independence and sovereign Data edge

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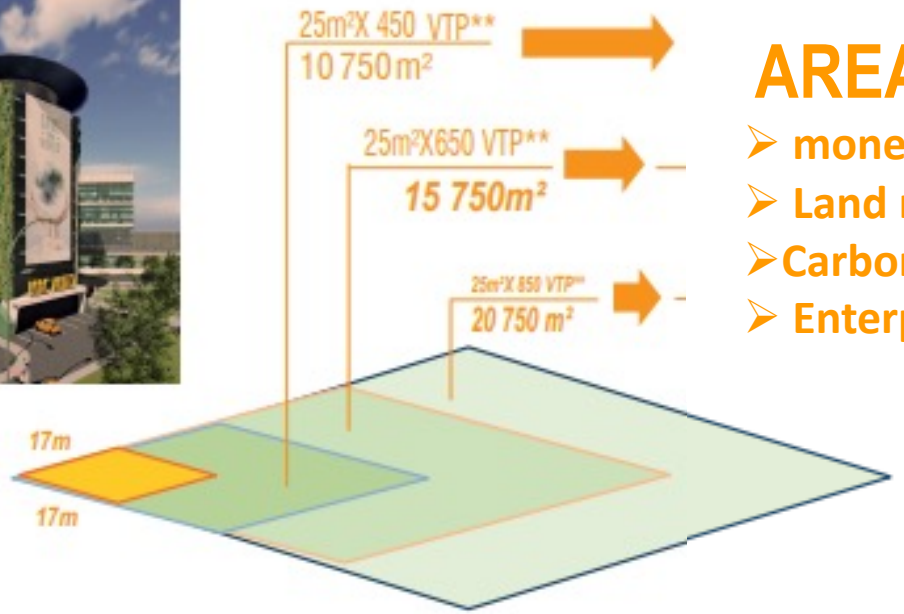
FINANCING A SOLO HIVE ? STAGES ?



AREA SAVING =

- money
- Land m²
- Carbon gain less tar
- Enterprise operability

1 - Save land 11,000 m² parking company per Hive

2 - Cost Reduced carbon tax + Climate emergency + Response

3 - Corporate CSR Policy + Improvement Purchasing Power at no cost

4 - OK + Business interests = Hives MACAUTO implantation studies

5 - Hives infrastructure financing by franchise tenants + Reservation

6 - Financing Ecology Social Management = Building permit + site

7 - MACAUTO Hive reception + Commissioning + Operational test

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MESH HIVE FUNDING ON TERRITORY ? STAGES ?

1 - On the basis of 7 à 27 solo Hives built agglomeration

2 - Carry out a study of additional development in public areas

3 - Estimate the financial returns for the public = land sales + taxes

=

4 - OK + Public interest = OK MACAUTO Hive implantation studies

5 - Hives infrastructure financing by Ecology Social Fund Management + Assembly

6 - Closing Funding Ecology Social Management = Building permit + Construction

7 - Reception Mesh hives + Commissioning + global Network mesh

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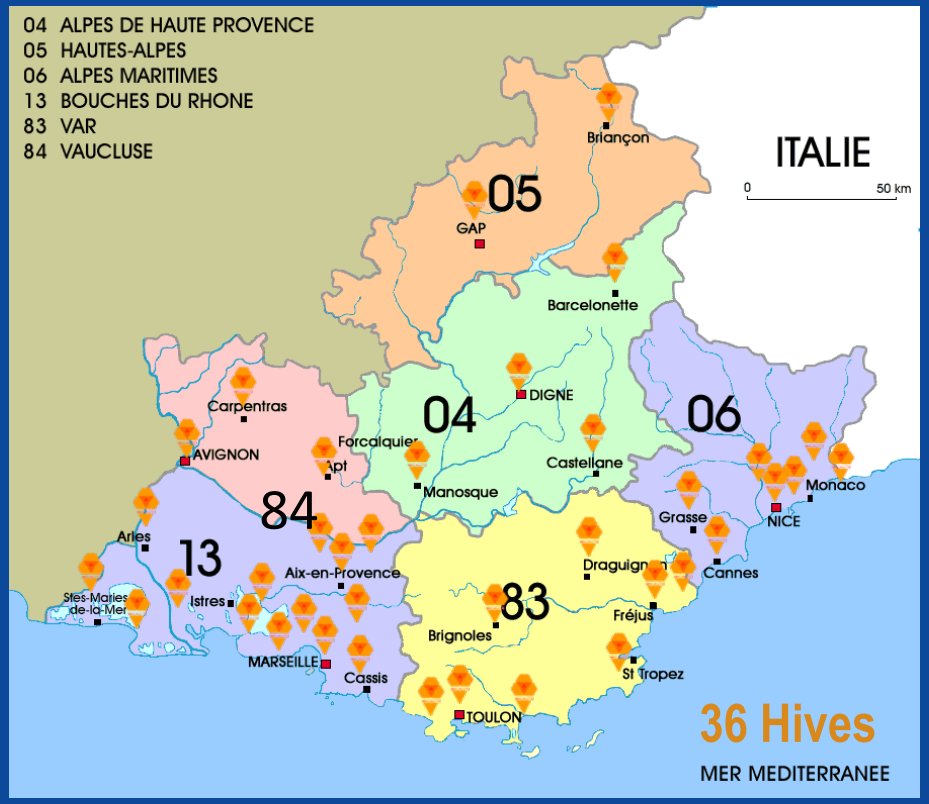
MACAUTO Hives Implantations



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Number of VE electrical connections created = 3600 terminals
Region mesh = Stored green energy available = 90MGWatt
Carbon equivalent savings / year = 34,300 tonnes

FIN

PITCHING SESSION