



PARADIGMA

Oct 2022
CEO Antonio Guadagnino

THE INITIATIVES

OUR MISSION IS A SUSTAINABLE FUTURE

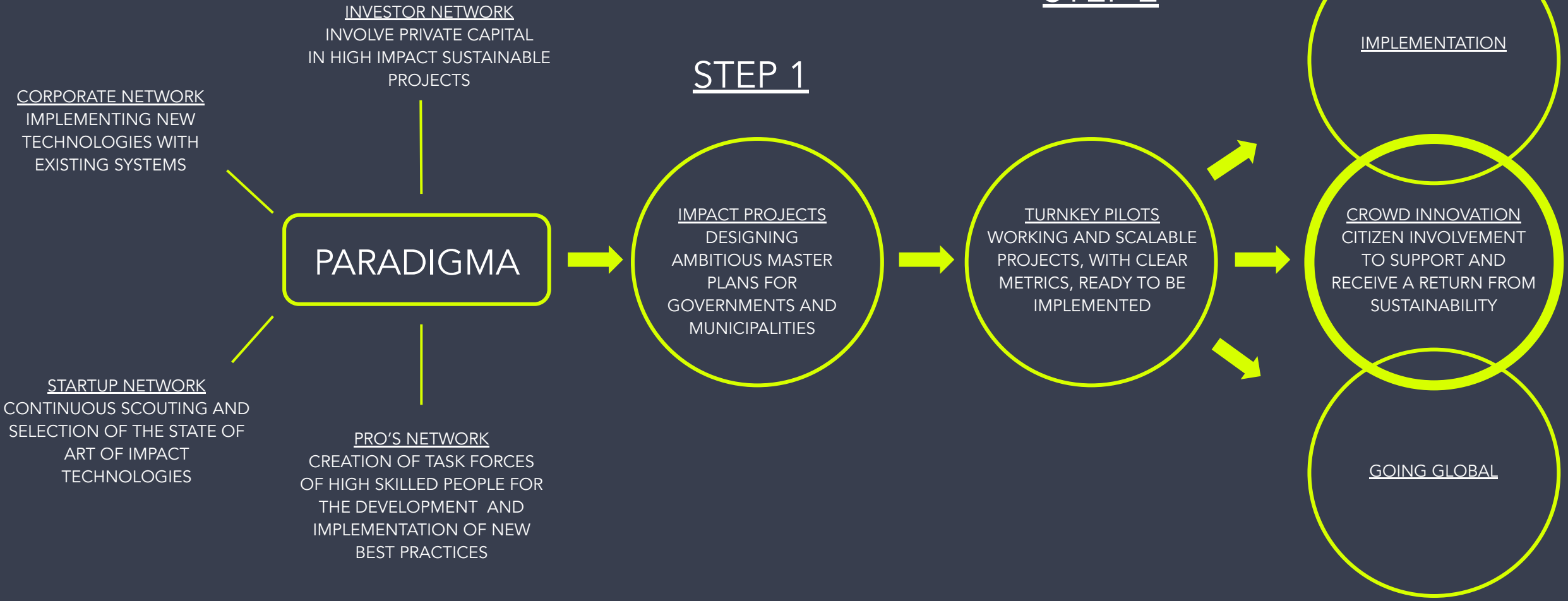
PARADIGMA

1. Supporting **high-impact and high-added-value startups** that can transform their sector
2. Focus on **sustainable and innovative** solutions that can be implemented and scaled quickly
3. Focus on **top industry metrics**



SUPPORTING PUBLIC DECISION MAKERS TO DRIVE A SUSTAINABLE CHANGE

IMPACT DRIVEN



PARADIGMA AS INNOVATION HUB

7 VERTICALS

RENEWABLE ENERGIES

SMART MOBILITY

FINTECH

AGRITECH

BIG DATA

FUTURE MATERIALS

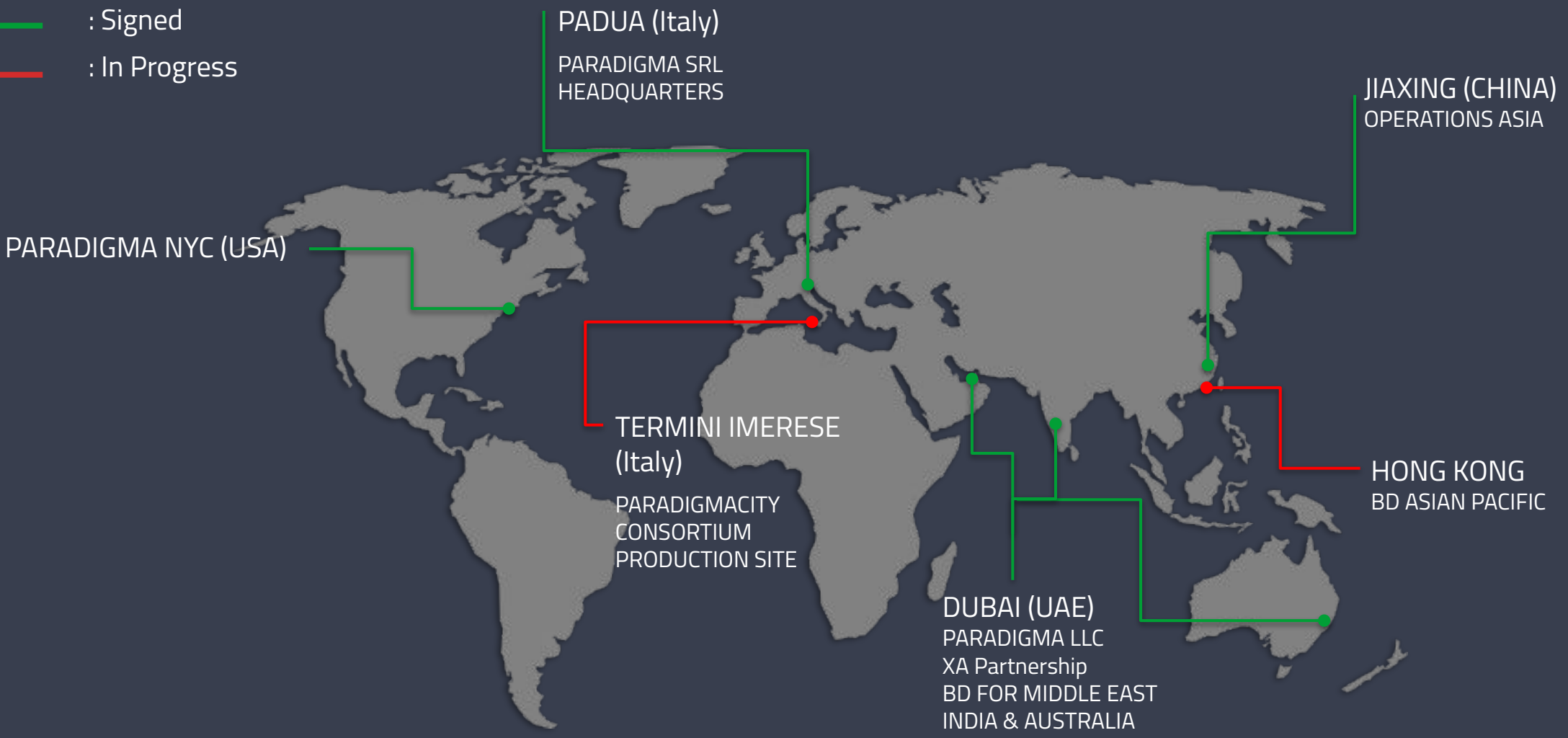
COMPUTER VISION



An international network with partners to accelerate the scale-up of the initiatives

INTERNATIONALISATION

— : Signed
— : In Progress



OUR ACCELERATED PATH

IN NUMBERS

2018

Foundation

1000 +

Startups and Spin Offs valuated

30

Active Startups in current program

5

Current potential Unicorns

1

“Unicorn” target by 2026



WHAT WE HAVE OBTAINED

RESULTS & TARGETS

2020

Start of scale up phase programs

2021

Certified Incubator of MISE
(Italian Ministry of Economic Development)

€7.5M

Capital raised by current Startup Program

€30M

Capital to be raised by 2023

3X

Avg Projection by 2026





PLUSCONOMY SUSTAINABILITY PLATFORM

“THIS ERA REQUIRES ACTIONS AND MEASURABLE IMPACT” AMY WEBB (CEO @ FUTURE TODAY INSTITUTE)

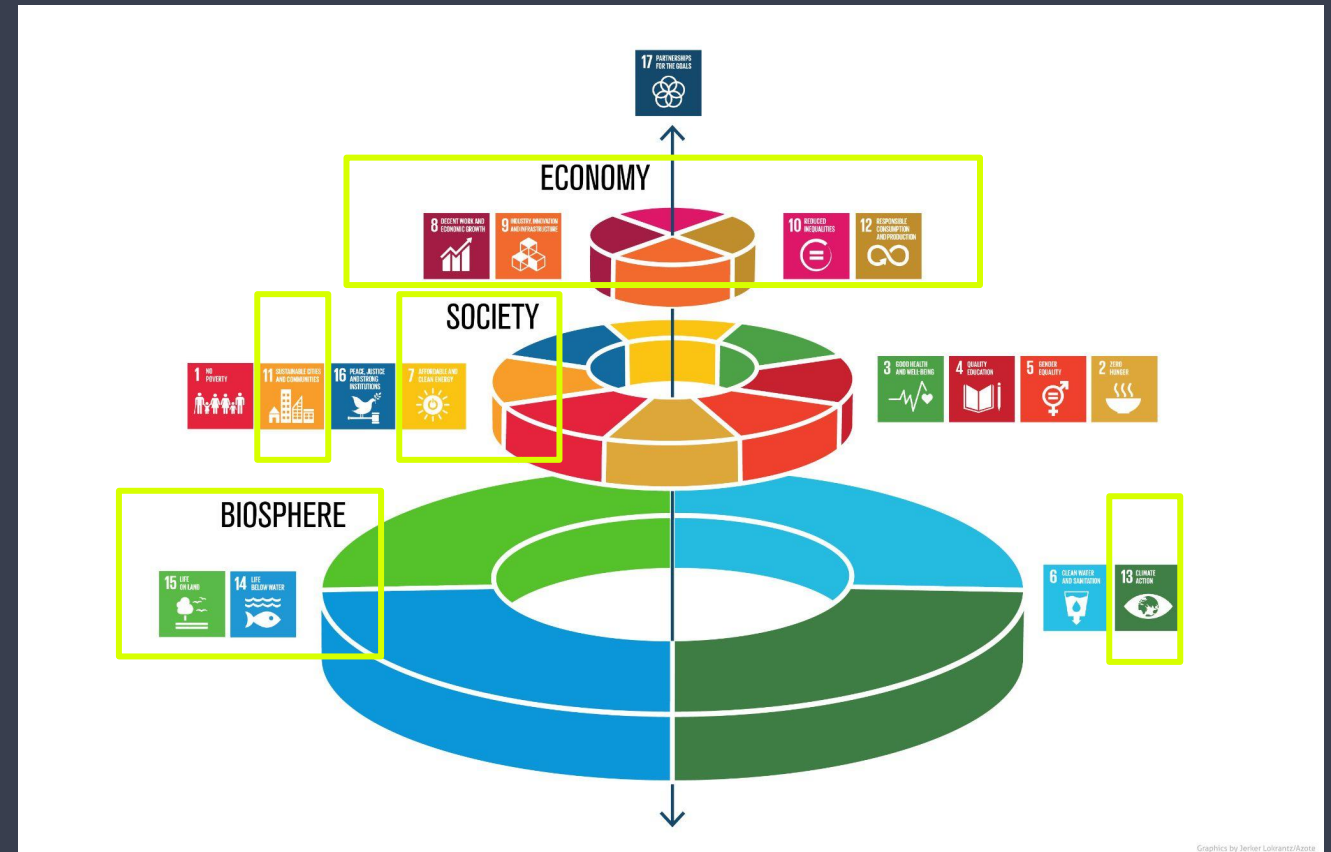
A VISION TO MEET SUSTAINABLE DEVELOPMENT GOALS

TO LEAD SDGs

1 MASTERPLAN

3 out of 3 macro areas addressed

Possible Benchmark for 9 over 17 GOALS



THE SIMPLEST WAY TO INVEST IN A BETTER FUTURE

USER EXPERIENCE

From the user side, Paradigmers is an extremely simple and effective platform to use.

With an intuitive interface it gathers the 2 macro functions:

- financial management of own investments;
- visualization of the impact generated by the initiatives in which it has invested.

A revolutionary way of involving and at the same time enhancing the citizen's contribution to the sustainability revolution.

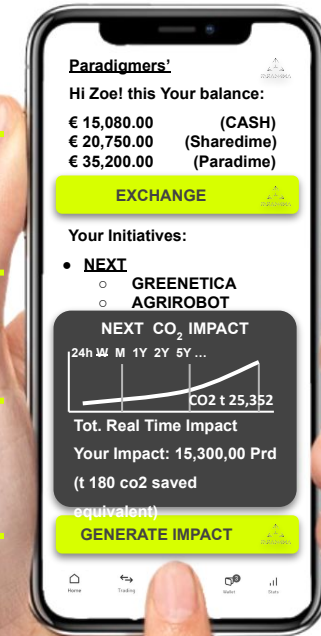
PARADIGMERS' FUNCTIONS:

Balance & Exchange of Currencies & Tokens

Initiatives supported

Generated impact by initiatives and user's contribution to it

Adding more funds



STEP 1 B2C TOKENIZATION

HOW IT WORKS

BEST INITIATIVES



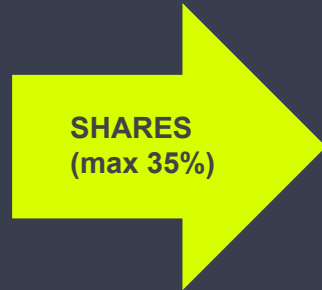
SAVING CO2



RENEWABLE ENERGY



CO2 REDUCTION



CITIZENS



STEP 2 B2C2C MINING START AND TOKENS EXCHANGE

HOW IT WORKS

BEST INITIATIVES



SAVING CO2



RENEWABLE ENERGY



CO2 REDUCTION

PICS®

Paradigmers' IoT Certification System

DEVICE AND PROPRIETARY IoT PLATFORM

REAL-TIME GLOBAL IMPACT MONITORING

EVALUATION UPDATE

REAL TIME IMPACT DATA

Paradigmers' PLATFORM

POV (Proof of Value) MINING PROCESS

POW (Proof of Work) MINING PROCESS BASED ON VER (Verified Emission Reduction) PROTOCOL

TOKENS EXCHANGE

% OF NEW SHARES TOKENS

% OF NEW GREEN TOKENS

PURCHASE SALE AND EXCHANGE OF TOKENS

CITIZENS



10%

PICS® + mining commissions

STEP 3 B2C2C2B GENERATING GLOBAL IMPACT

HOW IT WORKS

BEST INITIATIVES



PICS®
 Paradigma
 IoT
 Certification
 System
 DEVICE AND
 PROPRIETARY
 IoT PLATFORM
 REAL-TIME
 GLOBAL
 IMPACT
 MONITORING



Paradigmers' Platform
 POV
 (Proof of Value)
 MINING
 PROCESS
 POW
 (Proof of Work)
 MINING
 PROCESS
 BASED ON VER
 (Verified Emission
 Reduction)
 PROTOCOL
 TOKENS
 EXCHANGE



CITIZENS & CORPORATES



2%
 exchange
 commissions

PARADIGMA - EXPOFIN

EXPOFin is a Paradigma spinoff company founded with the objective of promoting and supporting the commercial development of technological initiatives capable of radically improving people's quality of life and environmental sustainability within a generation.

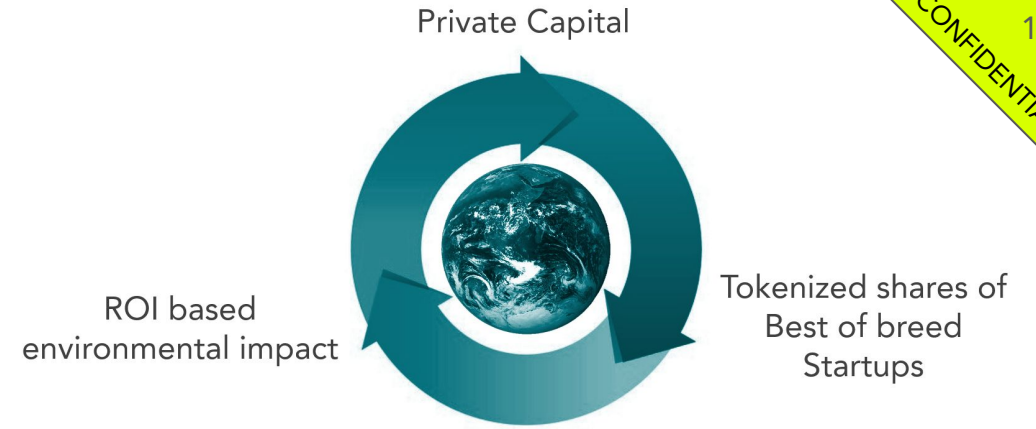
EXPOFin supports public decision-makers and large private companies on the path to energy efficiency and ecological transition through an energy assessment and efficiency cascade system that combines the best technologies on the market for the production of energy from renewable sources, energy saving, energy storage, urban mobility and recharging infrastructure.



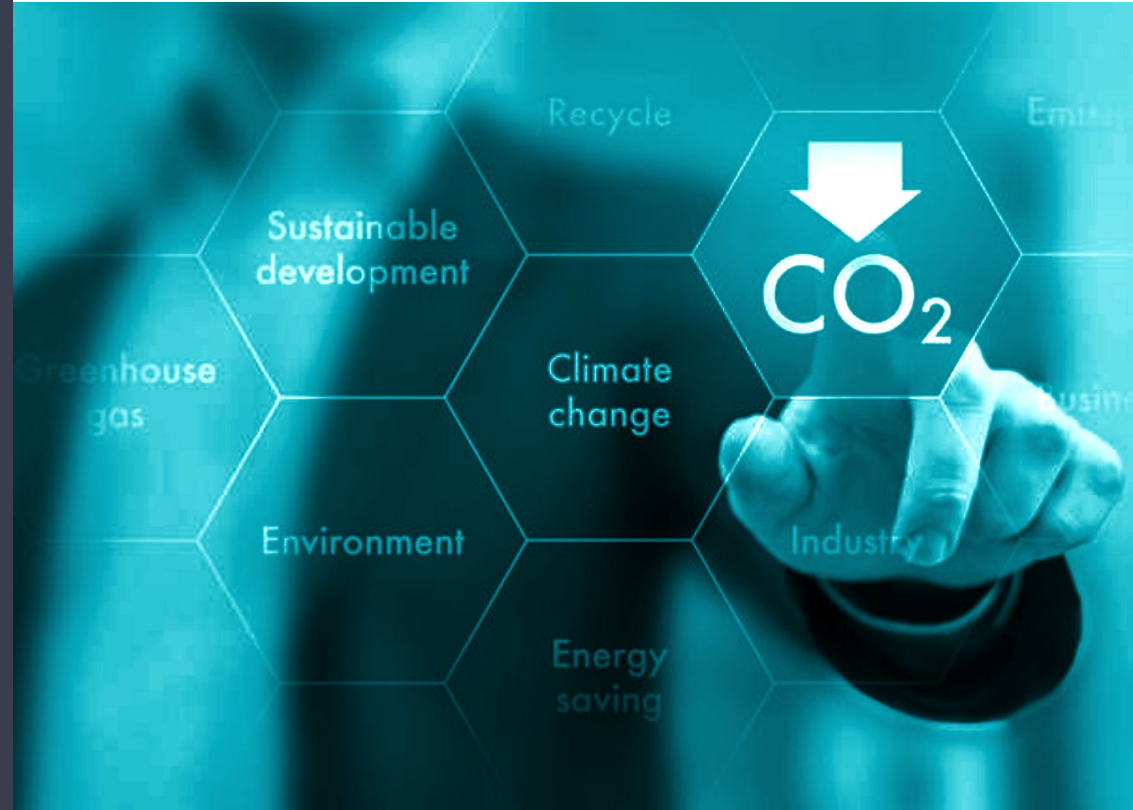
PARADIGMERS' PLATFORM

- Selecting initiatives with the best impact metrics for the ecological transition tokenizing part of the shares, innovatively connecting them to Private Capital;
- Based on a proprietary hardware and software system with a "zero-energy POW algorithm" capable of monitoring in real time and enhancing the savings of pollutants and CO2 through a mining mechanism and assignment to investors;
- It financially involves the citizen in initiatives that have a positive impact on the environment.

Potential Unicorn	Disruptive	Impact	Best of breed	TRL
Yes	Yes	<ul style="list-style-type: none"> • To make the private capital sector and savings management evolve towards sustainability; • First platform capable of accelerating high-impact initiatives through a bridge between private equity and carbon credits. 	<ul style="list-style-type: none"> • target to high sustainable impact and best of breed technologies only 	6



“Inclusive sustainability”



MONITORING IMPACT IN REAL TIME, WORLDWIDE

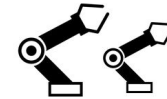
PICS

Paradigma IoT Certification System

Based on the proprietary Logbot technologies PICS opens to a new way to certify in real time at almost zero energy an infinite number of products and services, worldwide.

Every initiative on Paradigmers Platform is certified by PICS, thanks to an IoT device able to transfer data of every product and service, in real time, to the Platform.

Each data received is verified in real time, made available to users and inserted into the blockchain, helping to feed the certification algorithm's PoW (Proof of Work).



- **Simplicity**
Simple to create solutions, easy to use and scale up
- **No-code**
Logbot is fast to implement, fully managed
- **Share everything**
the right insights delivered to your desk

COMPARISON TO SIMILAR PLATFORMS AVAILABLE IN THE MARKET

A BENCHMARK FOR GREEN FINTECH

CO2 REDUCTION FINTECH INITIATIVES	INSTITUTIONS SCHEME	PRIVATE SCHEME	PARADIGMERS
PROTOCOL	CER (Certified Emission Reduction)	VER (Verified Emission Reduction)	PICS=IoT VER (Verified Emission Reduction on Real Time by IoT Proprietary technology)
EXCHANGE	B2B	B2C - C2C	B2C - C2C - C2B
ASSET TYPE	VIRTUAL CER CARBON CREDITS	VIRTUAL VER CARBON CREDITS + TOKENIZED CARBON CREDITS	VIRTUAL + REAL SHARES VER CARBON CREDITS + TOKENIZED CARBON CREDITS + TOKENIZED CORPORATE SHARES
DURATION	1 YEAR	NO LIMITS	NO LIMITS
IMPACT	Encouraging Big Corporates to implement methods for reducing greenhouse gas emissions	Enhance the impact of virtuous initiatives that contribute to the reduction of greenhouse gas emissions	Involving and creating the direct interest of each individual in supporting the best initiatives that contribute to the reduction of greenhouse gas emissions



NEXT MODULAR VEHICLES

NEXT is an innovative modular mobility system patented and manufactured by GETPLUS srl, considered by transportation experts to be the most efficient urban movement system for people and goods. Its metrics are now tested and the result of several studies and publications by numerous international universities. Thanks to its uniqueness, NEXT Modular Vehicles is a benchmark for the future of urban mobility also for Dubai, the Italian Ministry of Transport and the European Commission, which has included the project within the new standards for community mobility, two implementation programs (SPROUT and 100 INTELLIGENT CITIES Challenge) in which more than 140 municipalities worldwide participate, as well as having NEXT participate in the table of proposals for the new European Green deal on mobility. Today, the initiative is undergoing homologation completion and with development programs on several pilot cities, in parallel with industrial development through top-level partners in technology and business public transport network.



Potential Unicorn	Disruptive Impact	Dubai Impact	Best of breed	TRL
Yes	Yes	<ul style="list-style-type: none"> Reduction of traffic with true door-to-door solution Export globally Thousands of jobs 	<ul style="list-style-type: none"> Patented modularity 85% certified traffic reduction 	8



DUBAI PODS



NEXT has developed a partnership with Paradigma LLC and XA, leading global automotive business with same ambitious and connectable thinking for the future.

This is why we think that exponential technologies, AI and Robotics could do more than just get rid of the driver. We can create vehicles that are capable of collaboration.

“We don’t want only to create cars doing what humans can already do.

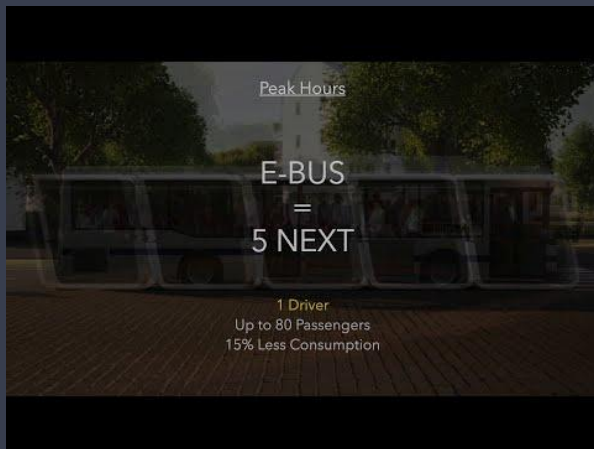
We are creating a new kind of vehicles capable to do what no human can do.”

Next will lead Dubai PODs.



THE FUTURE OF MOBILITY ... TODAY

NEXT PODS



AGRIROBOT

- Autonomous electric vehicle capable for agriculture;
- Can work 24h, day and night with limited / no supervision;
- Decrease agricultural processing costs per hectare by 70%;
- Electric and green but with no need of batteries;
- No need of recharging infrastructure;
- Circularity from farm energy sources;
- No time recharging time needed.

Potential Unicorn	Disruptive	Impact	Best of breed	TRL
Yes	Yes	<ul style="list-style-type: none">• It can be considered a game changer solution for agriculture, opening a Agriculture 2.0 era	<ul style="list-style-type: none">• 70% certified costs reduction	6



AGROLAND

- Decrease agricultural processing costs per hectare by 70%;
- Strip Till method;
- Increase land productivity;
- Enriching the earth;
- Circularity from farm energy sources;



Potential Unicorn	Disruptive	Impact	Best of breed	TRL
Yes	Yes	<ul style="list-style-type: none">• It can be considered a game changer solution for agriculture, opening a Agriculture 2.0 era	<ul style="list-style-type: none">• 70% certified costs reduction	6

A NEW FRONTIER OF SOLAR ENERGY

GREENETICA

- Solar concentrator with the highest certified efficiency in the world (91%)
- LCOE (€/kwh): 0,03-0,04
- Unlimited duration / no decrease in performance over time
- High temperature
- Easy to maintain and dismiss

Potential Unicorn	Disruptive Impact	Impact	Best of breed	TRL
Yes	Yes	<ul style="list-style-type: none">• Strong reduction in the consumption of fossil fuels for industry and residential buildings	<ul style="list-style-type: none">• Best certified efficiency (91%)• Long lasting technology	9

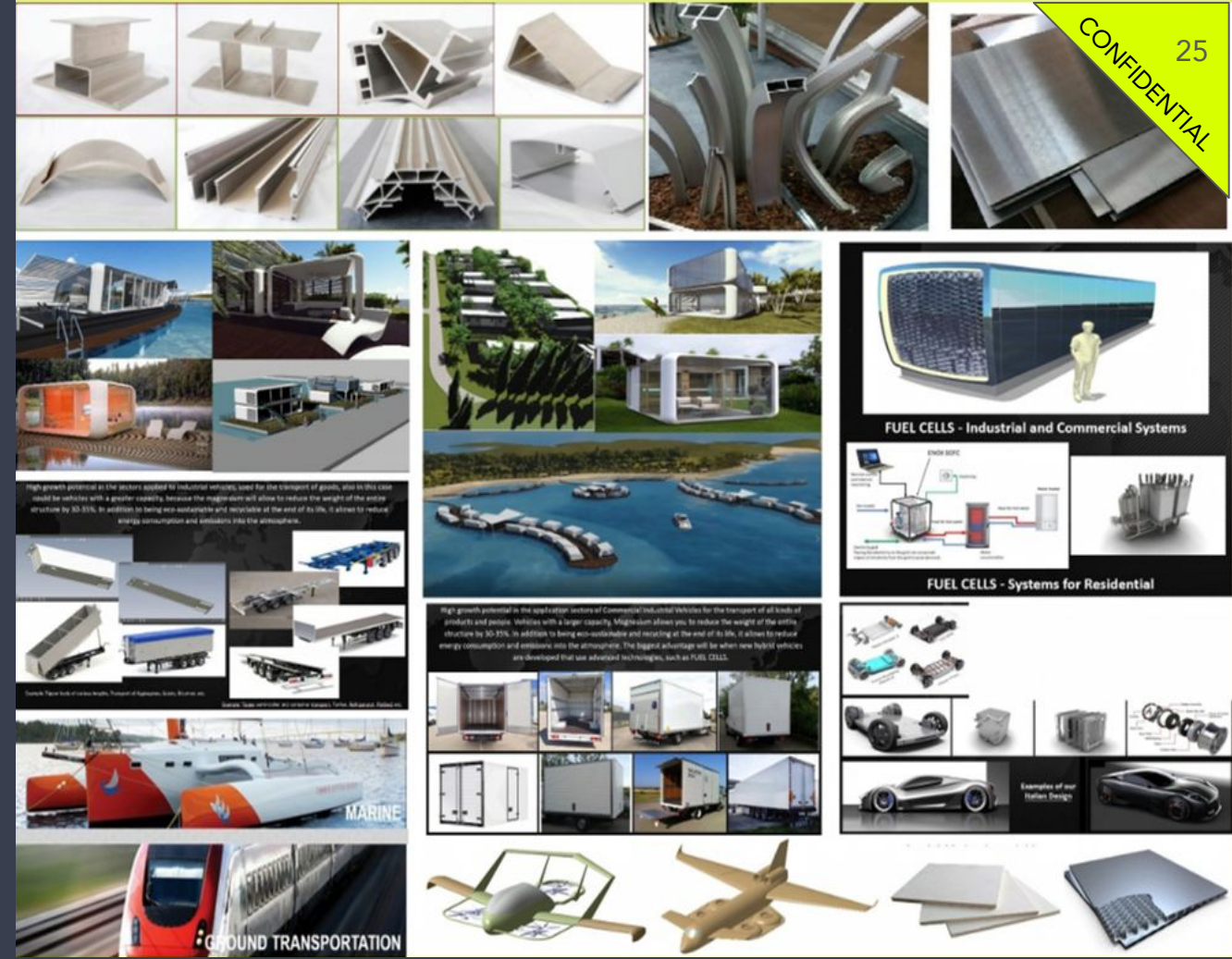
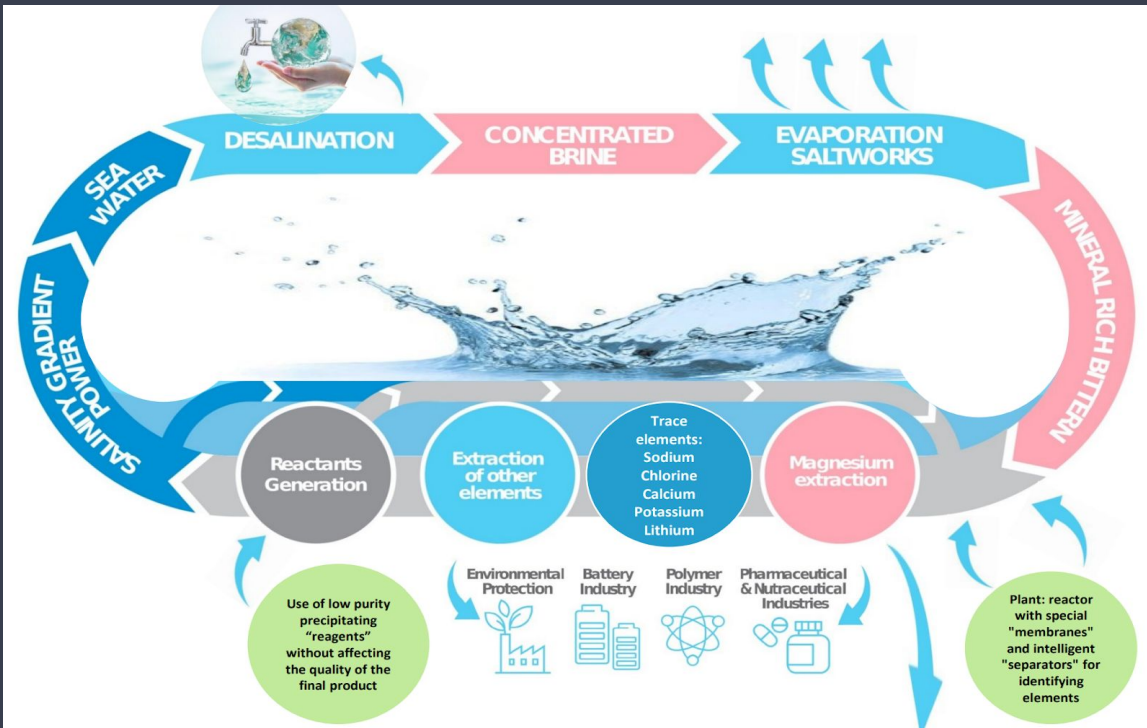


24
CONFIDENTIAL

THE MAGNESIUM REVOLUTION

NORMAU

25 Years of research and experience to create a fully sustainable Mg chain, from raw material sources to the final product.



Potential Unicorn	Disruptive Impact	Impact	Best of breed	TRL
Yes	Yes	<ul style="list-style-type: none"> High value from recovering brine waste from desalination 	<ul style="list-style-type: none"> 13 kWh/ton process Mg material of the 21st century 	6

ENERGY FROM THERMAL DIFFERENTIAL

STARTEF

- Thermal Delta on glass LCOE (€/kwh): 0,08;
- Carbon-based nano-coating (from 200 to 1800 nm);
- Transparent at visible light between 380-750 nm;
- It fits any kind of surface and doesn't degrade;
- High thermal conductivity (1570 W/mK) and low electrical conductivity;
- Mechanical stress measured varying from 1.35 to 5.2 GPa.

Potential Unicorn	Disruptive	Impact	Best of breed	TRL
Yes	Yes	<ul style="list-style-type: none">• Enormous scale for energy recovering from thermal Delta (ex. from on air conditioning)	<ul style="list-style-type: none">• Best certified efficiency (40%)	6





PARADIGMACITY



A model of Smart supply chain of best of breed technologies for the ecological transition

A REVOLUTIONARY SUPPLY CHAIN MODEL, SCALABLE AND QUICKLY REPLICABLE

CIRCULAR FLYWHEEL SUPPLY CHAIN SCHEME

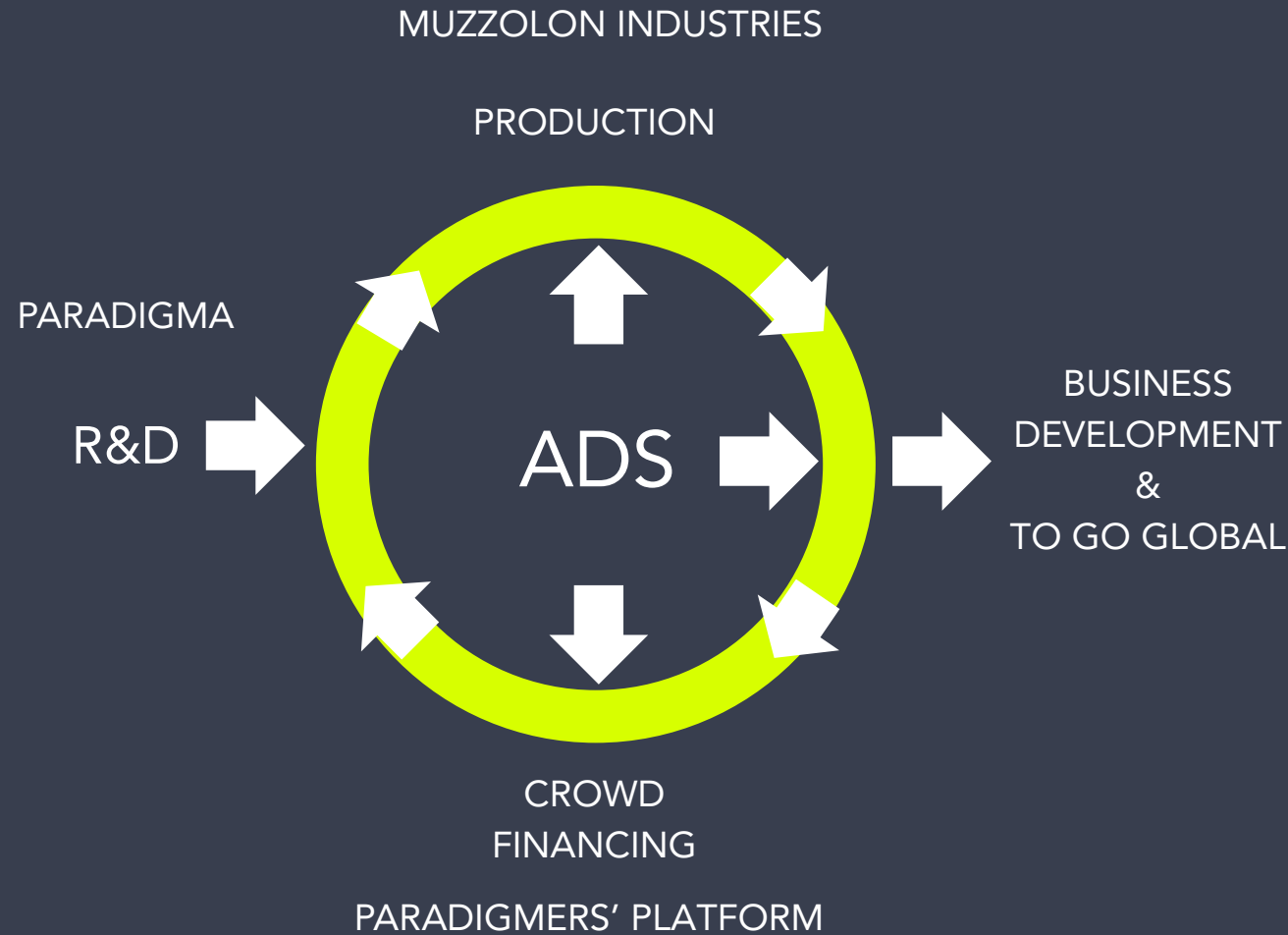
(INITIATIVES SECTORS)

INNOVATIVE MATERIALS

BEST IN CLASS
TECHNOLOGIES FOR
EFFICIENCY

SOLUTIONS
IoT MONITORING
INDUSTRY 4.0

ADVANCED ECO-FINTECH
SOLUTIONS



HIGH POSITIVE IMPACT

FUTURE
METALS

SUSTAINABILITY

VIRTUOUS CHAIN
CONTROLLED IMPACT

SCALABLE MODEL

NETWORK PARADIGMA

INNOVATION PARTNER

Big Corporate, Universities and Institutions
with active projects within in the Paradigm
Network.



TTM
Top technology
mission



Volkswagen
GROUP



OMP | BELL | ZN | Racing Force Group +



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



POLITECNICO
MILANO 1863



Università
Ca' Foscari
Venezia



Ministero dello
Sviluppo Economico



Fondo Nazionale Innovazione
CDP Venture Capital Sgr



THANK YOU

(we are hiring)

ag@paradigma.city