THE INITIATIVES
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

CORPORATE NETWORK
IMPLEMENTING NEW TECHNOLOGIES WITH EXISTING SYSTEMS

INVESTOR NETWORK
INVOLVE PRIVATE CAPITAL IN HIGH IMPACT SUSTAINABLE PROJECTS

STARTUP NETWORK
CONTINUOUS SCOUTING AND SELECTION OF THE STATE OF ART OF IMPACT TECHNOLOGIES

PRO’S NETWORK
CREATION OF TASK FORCES OF HIGH SKILLED PEOPLE FOR THE DEVELOPMENT AND IMPLEMENTATION OF NEW BEST PRACTICES

PARADIGMA

IMPACT PROJECTS
DESIGNING AMBITIOUS MASTER PLANS FOR GOVERNMENTS AND MUNICIPALITIES

STEP 1

STEP 2

TURNKEY PILOTS
WORKING AND SCALABLE PROJECTS, WITH CLEAR METRICS, READY TO BE IMPLEMENTED

STEP 3

IMPLEMENTATION

CROWD INNOVATION
CITIZEN INVOLVEMENT TO SUPPORT AND RECEIVE A RETURN FROM SUSTAINABILITY

GOING GLOBAL

CERTIFIED INCUBATOR BY THE ITALIAN MINISTRY OF ECONOMIC DEVELOPMENT
PARADIGMA AS INNOVATION HUB

7 VERTICALS

RENEWABLE ENERGIES
SMART MOBILITY
FINTECH
AGRITECH
BIG DATA
FUTURE MATERIALS
COMPUTER VISION

CERTIFIED INCUBATOR BY THE ITALIAN MINISTRY OF ECONOMIC DEVELOPMENT
An international network with partners to accelerate the scale-up of the initiatives

INTERNATIONALISATION

- **Signed**
  - PARADIGMA NYC (USA)
  - PADUA (Italy)
  - PARADIGMA SRL HEADQUARTERS
  - TERMINI IMERESE (Italy)
  - PARADIGMACITY CONSORTIUM PRODUCTION SITE
  - DUBAI (UAE)
  - PARADIGMA LLC XA Partnership BD FOR MIDDLE EAST INDIA & AUSTRALIA

- **In Progress**
  - JIAXING (CHINA) OPERATIONS ASIA
  - HONG KONG BD ASIAN PACIFIC
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
“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
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

Paradigmers’ Platform

CITIZENS

SAVING CO2

SHARES (max 35%)

SHARES HOLDING

TOKENIZATION PROCESS (STABLE COIN BLOCKCHAIN)

FUND RAISING

INVESTMENT

RENEWABLE ENERGY

CO2 REDUCTION

SHARES TOKENS

CITIZENS SHARING (max 35%)
STEP 2 B2C2C MINING START AND TOKENS EXCHANGE

HOW IT WORKS

BEST INITIATIVES

Paradigmers’ IoT Certification System

DEVICE AND PROPRIETARY IoT PLATFORM

REAL-TIME GLOBAL IMPACT MONITORING

SAVING CO2

RENEWABLE ENERGY

CO2 REDUCTION

PICS®

Paradigmers’ PLATFORM

POV (Proof of Value) MINING PROCESS

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

TOKENS EXCHANGE

EVALUATION UPDATE

REAL TIME IMPACT DATA

% OF NEW SHARES TOKENS

% OF NEW GREEN TOKENS

PURCHASE SALE AND EXCHANGE OF TOKENS

CITIZENS

10% PICS® + mining commissions

CONFIDENTIAL
STEP 3 B2C2C2B GENERATING GLOBAL IMPACT

HOW IT WORKS

BEST INITIATIVES

- Paradigma IoT Certification System
- Device and Proprietary IoT Platform
- Real-time Global Impact Monitoring

PICS®

Paradigmers’ Platform

- POV (Proof of Value) Mining Process
- POW (Proof of Work) Mining Process Based on VER (Verified Emission Reduction) Protocol
- Tokens Exchange

SAVING CO2

CITIZENS & CORPORATES

- Evaluation Update
- % of New Shares Tokens
- % of New Green Tokens
- Purchase Sale and Exchange of Tokens
- Sales of Green Tokens

REAL TIME IMPACT DATA

SALES OF GREEN TOKENS

CO2 REDUCTION

2% exchange commissions

RENEWABLE ENERGY
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.
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.

<table>
<thead>
<tr>
<th>Potential Unicorn</th>
<th>Disruptive</th>
<th>Impact</th>
<th>Best of breed</th>
<th>TRL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>● 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.</td>
<td>● target to high sustainable impact and best of breed technologies only</td>
<td>6</td>
</tr>
</tbody>
</table>
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
# A Benchmark for Green Fintech

<table>
<thead>
<tr>
<th>CO2 Reduction Fintech Initiatives</th>
<th>Institutions Scheme</th>
<th>Private Scheme</th>
<th>Paradigmers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protocol</td>
<td>CER (Certified Emission Reduction)</td>
<td>VER (Verified Emission Reduction)</td>
<td>PICS=IoT VER (Verified Emission Reduction on Real Time by IoT Proprietary technology)</td>
</tr>
<tr>
<td>Asset Type</td>
<td>VIRTUAL CER CARBON CREDITS</td>
<td>VIRTUAL VER CARBON CREDITS + TOKENIZED CARBON CREDITS</td>
<td>VIRTUAL + REAL SHARES VER CARBON CREDITS + TOKENIZED CARBON CREDITS + TOKENIZED CORPORATE SHARES</td>
</tr>
<tr>
<td>Duration</td>
<td>1 YEAR</td>
<td>NO LIMITS</td>
<td>NO LIMITS</td>
</tr>
<tr>
<td>Impact</td>
<td>Encouraging Big Corporates to implement methods for reducing greenhouse gas emissions</td>
<td>Enhance the impact of virtuous initiatives that contribute to the reduction of greenhouse gas emissions</td>
<td>Involving and creating the direct interest of each individual in supporting the best initiatives that contribute to the reduction of greenhouse gas emissions</td>
</tr>
</tbody>
</table>
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.

<table>
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<tr>
<th>Potential Unicorn</th>
<th>Disruptive Impact</th>
<th>Dubai Impact</th>
<th>Best of breed</th>
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</tr>
</thead>
</table>
| Yes               | Yes                     | ● Reduction of traffic with true door-to-door solution  
|                   |                          | ● Export globally  
|                   |                          | ● Thousands of jobs  | ● Patented modularity  
|                   |                          |                                                   | ● 85% certified traffic reduction                 | 8   |

Yes

Disruptive Impact

Dubai Impact

Best of breed

TRL

8
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
AGRICULTURE AND GARDENING 4.0

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.

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<td>Yes</td>
<td>Yes</td>
<td>• It can be considered a game changer solution for agriculture, opening a Agriculture 2.0 era</td>
<td>• 70% certified costs reduction</td>
<td>6</td>
</tr>
</tbody>
</table>
AGRICULTURE 4.0

AGROLAND

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

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</table>
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

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<td>Yes</td>
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<td>• Strong reduction in the consumption of fossil fuels for industry and residential buildings</td>
<td>• Best certified efficiency (91%) • Long lasting technology</td>
<td>9</td>
</tr>
</tbody>
</table>
THE MAGNESIUM REVOLUTION

NORMAOU

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

<table>
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<tr>
<td>Yes</td>
<td>Yes</td>
<td>• High value from recovering brine waste from desalination</td>
<td>• 13 kWh/ton process • Mg material of the 21st century</td>
<td>6</td>
</tr>
</tbody>
</table>
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.

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<td>Yes</td>
<td>Yes</td>
<td>• Enormous scale for energy recovering from thermal Delta (ex. from on air conditioning)</td>
<td>• Best certified efficiency (40%)</td>
<td>6</td>
</tr>
</tbody>
</table>
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

MUZZOLON INDUSTRIES

PRODUCTION

PARADIGMA

R&D

ADS

CROWD FINANCING

PARADIGMERS’ PLATFORM

BUSINESS DEVELOPMENT & TO GO GLOBAL

HIGH POSITIVE IMPACT

FUTURE METALS

SUSTAINABILITY

VIRTUOUS CHAIN CONTROLLED IMPACT

SCALABLE MODEL
Big Corporate, Universities and Institutions with active projects within in the Paradigm Network.
THANK YOU
(we are hiring)
ag@paradigma.city