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PROPOSED OF AN
ECOPARK IMPLEMENTATION



DEPURECO TECHNOLOGY

At the base of any **innovation operation**, the main actor always turns out to be the user, in this case the citizen who must first be informed, then **educated** about what he sees developing around him. In thinking about an ecological and **educational area for the citizen**, Depureco Technology proposes **Ecosquare**, an ecopark that aims to enhance a disused area of the city; this space is equipped with an educational area, smart benches, gathering spaces, and smart devices for recycling collection that represent the meeting point between Ecosquare and **recycling education**.

That's how school projects like "**A-plus for Plastic**" and "**A-plus for Paper**" are born, where through identification cards matched to the class, each individual student can turn in PET (or paper) bottles getting tips for his or her group for a healthy and simple competition to win the title of "**Recycling Class**".

10 e lode
per la plastica





MACRO AREAS

1. WASTE RESOURCE

2. GREEN MOBILITY

3. EDUCATIONAL AREA

4. FITNESS AREA

5. DOG AREA

1. WASTE RESOURCE



SERVICES



MICROFILTERED WATER DISPENSER

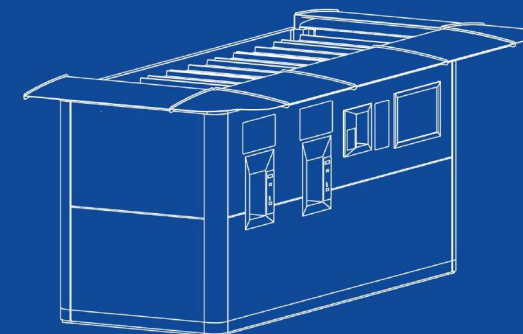


PET BOTTLE COMPACTOR

A. Multiservice

The multiservice is a machine that contains within it a water dispenser and a PET compactor operating h24 for all users. The machine is equipped with a piece-counting system and level sensor that can detect the amount of waste delivered as well as a compactor that maximizes the amount of waste that can be delivered

B. Planter Basket



1. WASTE RESOURCE



C. Iseco 1100 |

Iseco is characterized by its modern geometry, a compact and aesthetically pleasing shape that makes it a perfect product to locate in an urban setting. Computerized, autonomous and self-sufficient, it is also equipped with a sanitization system for odor abatement and a level sensor to monitor container filling, which can be monitored remotely through a management system. The machine is equipped with a scale system that can detect the amount of waste delivered and automatically return reward points to the citizen who will use the app to deliver waste.

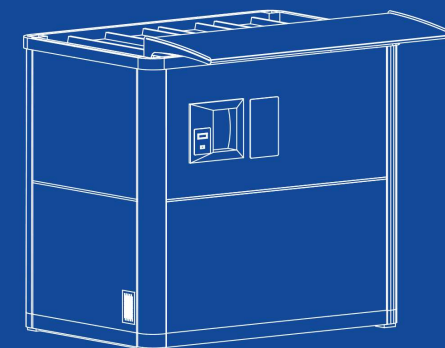


1. WASTE RESOURCE



D. Eco-compactor

Eco-compactor is a computerized eco-island that, through a rewards mechanism, incentivizes citizens to separate waste properly. It is able to quantify all the conferred waste in a timely manner and, thanks to the waste compactor, to reduce its volume so as to defer collection operations while optimizing costs. The management software makes it possible to view the status of the machine remotely, deliveries, container fill level, manage utilities, etc.

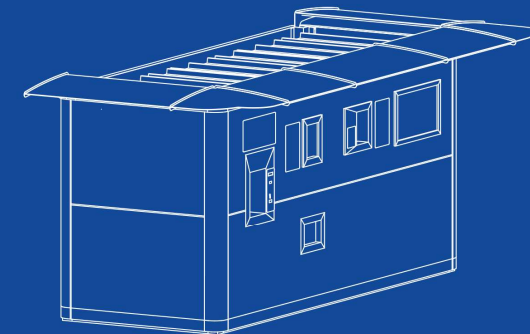


1. WASTE RESOURCE



E. Multiservice

In full harmony with the eco-sustainable philosophy of Depureco Technology, the multiservice is a distributor of goods and services of public utility operating 24 hours a day for all users. Micro-filtered water dispenser, bags for separate waste collection, water bottles, ecological detergents, etc. The machines are equipped with a piece-counting system and a scale system capable of revealing the amount of waste conferred and automatically returning reward points to the citizen who will use the app to confer the waste.



1. WASTE RESOURCE



F

F. Smart Shelters

Smart shelter is made of laser-cut 4 mm thick powder-coated galvanized steel. The particular shape of the bike racks prevents damage to the bike frame itself. It is equipped with chargers for e-bikes and mobile devices. Energy self-sufficient thanks to the installation of photovoltaic panels and storage batteries. Equipped with maintenance kit to allow bicycles to be repaired.



2. GREEN MOBILITY



Smart Shelters

Pensilina smart is made of 4 mm thick laser-cut powder-coated galvanized steel. The special shape of the bike racks makes it possible not to damage the bike frame itself. It is equipped with e-bike and mobile device chargers. Energetically self-sufficient* thanks to the installation of photovoltaic panels and storage batteries. Equipped with a maintenance kit to enable bicycle repair.



*Only if located in locations whose sunshine averages 2,500 hours per year and positioned toward the south

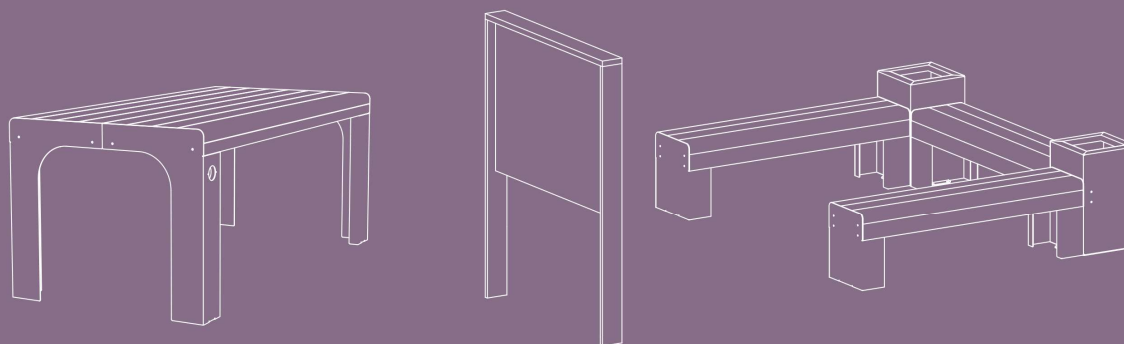
3. EDUCATIONAL AREA



Inclusive bench and smart tables

The inclusive bench and smart tables are made of lamellarr wood with powder-coated pressed sheet metal supporting structure. This makes them sturdy and weatherproof.

3. EDUCATIONAL AREA

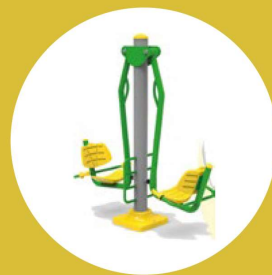




4. FITNESS AREA



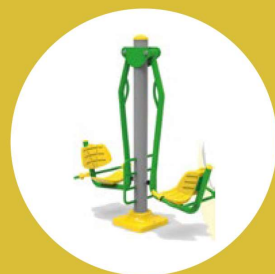
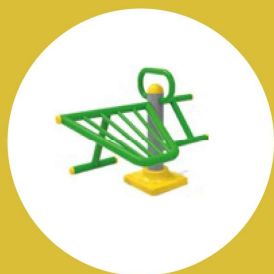
Fitness Equipment



4. FITNESS AREA



Fitness Equipment



5. DOG AREA



Dog Area

RIPREMIA

RIPREMIA is a project that was created to offer citizens public utility services and encourage them to carry out separate waste collection by implementing a reward mechanism. The aim is not to earn, but to do good deeds for the protection of the environment.

The application allows the citizen to use the services available at the enabled MULTISERVICE POINTS and to carry out the usual differentiated waste collection at the COMPUTERIZED ECO-ISOLE.

MULTISERVICE POINTS are intelligent devices that allow citizens to use different services according to the configuration of the machine and the PLUG-INS installed on it. These machines are equipped with a piece-counting system and a scale system capable of detecting the amount of waste conferred and automatically returning reward points (ecopoints) to those who use the QR-CODE APP generated by RIPREMIA

PLUG-IN				SERVIZI DISPONIBILI			



WHO PARTECIPATES IN RIPREMIA?

Download the App on your phone

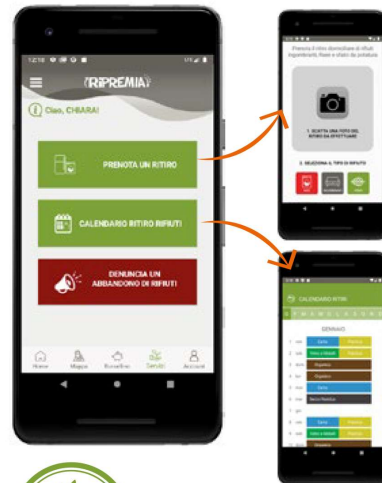


Start collecting Ecopoints!

WHAT SERVICES DOES THE APP OFFER TO THE CITIZEN?

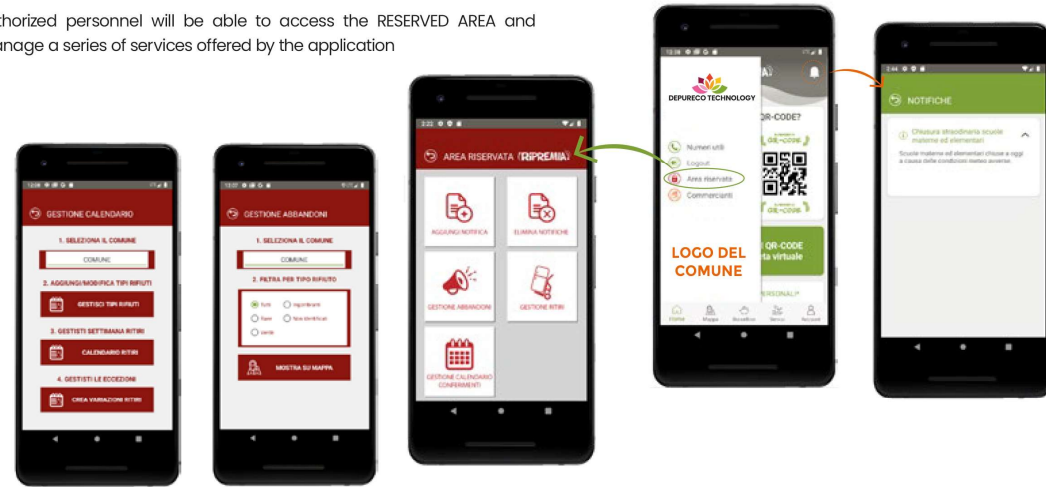
RIPREMIA is based on the concept of circular economy and aims, through the introduction of a reward mechanism, to incentivize virtuous citizens. By correctly sorting waste, citizens will receive Ecopoints (for the purchase of products) and/or discount Coupons (to be sent to affiliated shops) in exchange.

Furthermore, in the services section, a series of additional functions useful to the citizen will be available (at the Municipality's choice).



WHAT SERVICES DOES THE APP OFFER TO THE MUNICIPALITY AND THE WASTE MANAGER?

Authorized personnel will be able to access the RESERVED AREA and manage a series of services offered by the application



WHAT SERVICES DOES THE APP OFFER TO THE AFFILIATE MERCHANT

If the municipality has joined, a collection of discount coupons will also be available which can be used at the points of sale that have joined the initiative, indicated on the **Borsellino page > Coupon section > Show Affiliate activities**.

Each affiliated business will be able to choose the minimum spend to use the coupons and the maximum number of coupons that can be used for each multiple of the minimum spend. Customers who go to these businesses will receive a discount which is equivalent to the value of the coupons accumulated and which will be deducted by reading the QR-CODE by the merchant.



WHAT DO I FIND IN THE SYSTEM?

In the management system, all the **eco-islands installed** in the territory are entered, each with its own identification code, the location of each facility will be tracked by **GPS** tracking, and it will also be possible to know: the **filling status of the internal containers**, the operating status of the product. In addition, **the number of deliveries** for each material, **the quantity** of the material itself delivered, and **which individual citizen** or user performed the delivery will be detected.

THE FILLING ALLARM

To better configure and organize the pickup of materials by the manager, the management system allows setting a threshold filling level, beyond which, it proceeds with sending an **"alert" via e-mail** to a preset contact.

HOW DOES THE IDENTIFICATION TAKE PLACE?



TAX CODE



PERSONALIZED CARD



QR-CODE ON BAG

Modules Status

