

Ro PLASTIC PRIZE 2022
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Date of Birth: - Gender: Male

Applied as: Team

Italy

Education: Master of Science in "Design and Engineering" at Politecnico di Milano

Urban and Public Design

NODO

Nowadays plastic waste recycling is one of the major problems that we have as a modern society, the reason why Affinity Space was interested in the Ro Plastic Price 2022 is that raises a way to address this challenge.

Affinity Space brings NODO as a proposal to solve and provoke a positive change in our environment. A solution that touches different aspects such as social impact, manufacturing technologies and social awareness.

-Concept-

Design of urban furniture that enables the aesthetic improvement of urban areas and public spaces based on the results of a virtuous loop of active recycling.

NODO integrates critical aspects such as social awareness, recycling, production and community involvement inside its process.

-Network-

The core of this project is the involvement of people and institutions to create a meaning derived from plastic collection.

We want to encourage the society to take active part of this project by enabling plastic collection point, agreements and events to highlight the outcomes of having a common goal.

-Process-

The process is divided into four steps:

- collection, cleaning and sorting of plastic

- pellet and filament preparation for the production process

- 3D printing

- Installation in urban areas

-Product-

NODO manufacturing process enables to repurpose plastic waste into a product aesthetically appealing, meaningful and with social impact.

Also, NODO at the end of its lifespan can be recycled and transformed into a raw material destined to create the next generation of products.

One important factor is the use of native plants of the region to remind the local biodiversity and tighten the origins.

-Reward-

The project's aim is to sensitize society and introduce a product that will bring a new aesthetic looking into the urban context.

Creating an interaction between the users and the NODO by making available aromatic plants and spices, inciting users to pick them and make an engagement with the project.

-Social Impact-

By increasing community awareness we intent to reach more places and create a network of users that would grow and expand with the objective of create a “participated production”.

Source of plastic: Mainly plastic bottles for the body and fish rope for the attachment

Type of plastic: PET 73% / Nylon 23%

Other Materials Involved: None

Dimensions: 18cm x 13cm x 13cm 250g

Already in production?: No

Produced by:

Video presentation of the project:

Did you participate in other contests with the same project?:

No

Website: <https://affinityspace.studio/>

Link all'application:

<https://drive.google.com/open?id=1YcDqY903WLvrxYiSva8deJwOIONp5n-Z>