2017 CATALONIA ECODESIGN AWARD

ECODESIGN IN THE CIRCULAR ECONOMY

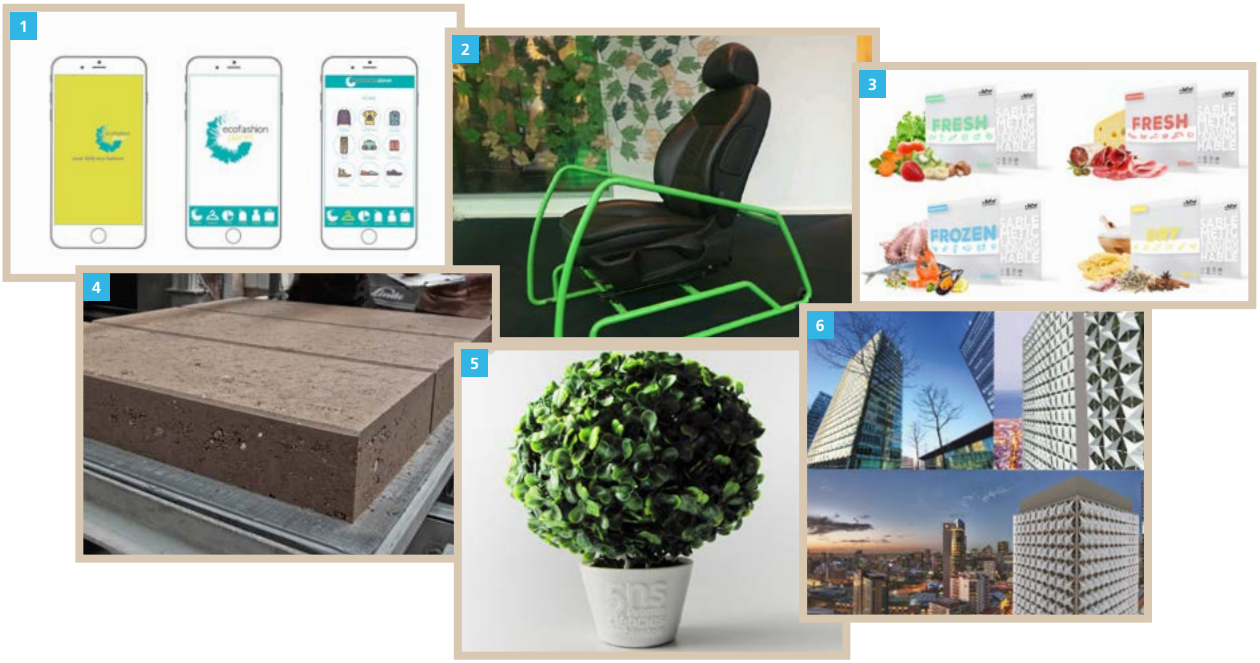
Generalitat de Catalunya
Departament de Territori i Sostenibilitat

2017
CATALONIA
ECODESIGN
AWARD

• CATEGORY B •

PRODUCT UNDER DEVELOPMENT

SHORT-LISTED ENTRIES



INFORMATION AND COMMUNICATION TECHNOLOGIES

1. Ecofashion-Planet

Antoni Fonseca Casas and Núria Nofrarias Espadamala, with the collaboration of the ESDAP (Barcelona Deià Centre). Mobile application to connect and group together clothes businesses, brands and designers that apply sustainability criteria in design and production. With the focus on socially-aware and sustainable shopping, it gives added value to a new market niche. The app is free to download.

FURNITURE, HOME FURNISHINGS AND INTERIOR DESIGN

2. Reseat, reuse of seats from vehicles no longer in use

www.econia.net

Econia Empresarial SL, with the collaboration of Algon EMM SL, Basque Hospitality, Wood & Design Cluster (HABIC), Icaza Oficinas Integrales SA, Ideilan Diseño SL and Zicla SL. Chair incorporating a leather seat recovered from an end-of-life vehicle (ELV) mounted on a metal structure. The prototype includes the original seat adjustment mechanisms, along with rear wheels that facilitate the movement of the seat. It has been designed specifically for the contract sector: waiting rooms, bars, public spaces, etc. Currently, most ELV seats end up in controlled dumps.

PACKAGING

3. Keep'eat bags

www.rolleat.com

Marca Diferencia SL. Family of hard-wearing reusable bags for the fridge, freezer and pantry. They're designed to be used to organise food and preserve it for longer, thus reducing food waste. Thanks to a divider, two different foods can be placed inside the same bag, making it easy to separate them when they come out of the freezer. They're designed to replace Tupperware, plastic film wrap and single-use bags.

CONSTRUCTION AND BUILDING

4. Tapialblock, prefabricated block with recycled soils and aggregates

www.fetdeterra.com

Fetdeterra SL. Prefabricated block with recycled soils and aggregates. The block is composed of gravel, sand, silt and clay obtained from the recycling of excavation earth, inert construction waste and building debris. It's a 100% recycled material and its production process can be adapted to any factory of prefabricated materials. Different types of the same product can be obtained according to the available moulds. It does not require firing, which reduces its energy consumption and carbon footprint.

ENVIRONMENTAL COMMUNICATION AND AWARENESS-RAISING

5. Buxus Boronoi, trophy of the environmental science award

www.coamb.cat

Association of Environmentalists of Catalonia (COAMB), La Fàbrica del Sol Manufacturing Association and Lucio Traficante. Trophy designed for the fifth Environmental Science Awards (2016). It has a twin purpose: to give the award winner a trophy whose aesthetics are in keeping with the values represented by the award, and to serve as a pot in which to plant seeds that will grow into a plant that will stretch around the structure of the trophy, eventually forming a small box plant or Buxus.

CONSTRUCTION AND BUILDING

6. Ecoskin parasol

Diego Escolano Farto. Responsive, modular and programmable façade system. It serves as a second skin on buildings, responding to external and internal environmental conditions, reducing the amount of energy required for climate control. The structure of the system is composed of recycled steel profiles, while the mobile slats are perforated aluminium composite panels obtained from recycled Tetrapack packaging.