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cieba

belas-artes
ulisboa

UBI - Universidade da Beira Interior, Portugal
FAL – Faculdade de Artes e Letras | **DA** – Departamento de Artes



Afiliation: CIEBA – Centro de Estudos e de Investigação em Belas-Artes

Context | Sustainable Development

...Development that meets the needs of the present without compromising the ability of future generations to meet their own needs...

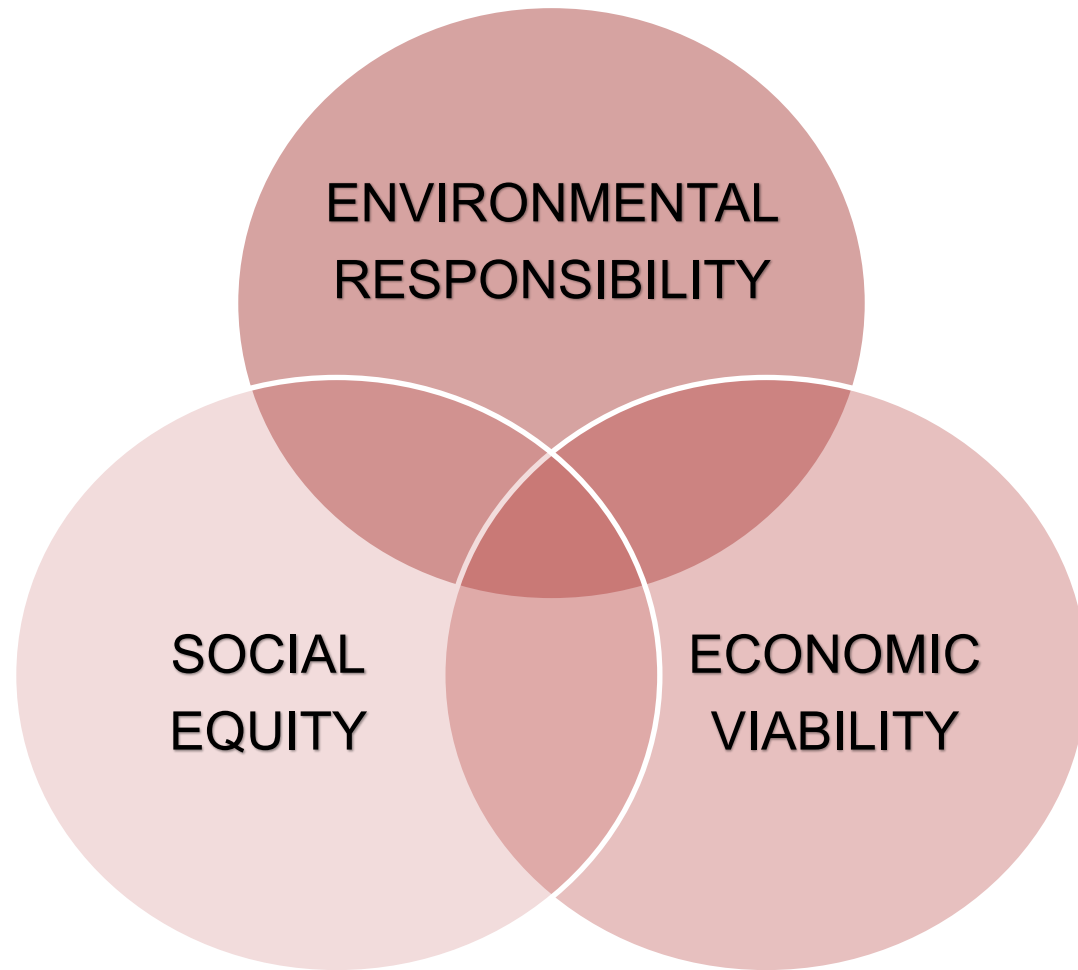
The Brundtland Report, 1987

Sustainable design

Is about develop project design to supply our fisical and psychologic necessities through objects, products spaces and services, under the environmental, ecological, social and economic principles of sustainability.

Keywords

Sustainability . Design . Products . Portugal



Sustainable design

Life circle thinking

Raw materials

Manufacturing

End-of-life

Transportation

Lifetime use

Objectives

Identify and map design products/case study 's developed in Portugal under the social, environmental and economic principles of sustainability.

Classify the products:

Fashion

Fashion
Accessories

Interiors

Furniture

Homeware

Cuttlery

Objectives

Identify and map design products/case study 's developed in Portugal under the social, environmental and economic principles of sustainability.

Classify the products:

Glass and
Ceramics

Textiles

Wood

Cork

Plastics | PET
Ruber | PVC

Metals

Stone

Research question

There is an opportunity to **identify, study, analyse** and **classify sustainable design products developed in Portugal** in different social, environmental and economic contexts?

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<https://www.2021portugal.eu/pt/noticias/design-em-portugal-uma-visao-com-cultura/>

Methodology

Qualitative

Books | Articles | Catalogues of exhibitions

Questionnaires

Observation

Study Cases

Portuguese
Design
Exhibitions

Portuguese
Brands

Portuguese
Designers

Portuguese
Industries

Portuguese
materials

Portuguese
traditions,
material culture,
arts & crafts



Peachy boots

Brand: Lemon Jelly from 1973

Conscient brand

Material: recycled plastic

Animal friendly

Vegan

Closing the loop initiative

From recycled to recyclable

Nothing is lost, all is transformed Sustainability

Local production from Portugal

Renewable energy's resources: solar energy

Social sustainability: from choice to priority

Environment friendly: less 90% of CO2 emissions

Sustainable fashion Packaging 80% Recyclable

72% of the waste is recyclable – Wasteless Act

0% Waste





SUSTENTÁVEL. VEGAN. RECICLADO.



Produzido em Portugal
com energia 100% renovável



Calçado Vegan
aprovado pela PETA



CLOSING THE LOOP
Podes devolvê-los para
que sejam reciclados.



LEMON JELLY



ocean alive



Dali Azores Shoes

Brand: Marita Moreno

Year: 2022

Materials: Cork and Bio leather

Prize German Sustainable Design

Award 2022

Eco-design

Social responsibility



Key Bag

Design by João Sabino

Material: plastic ABS (outside)

Nylon (inside)

Process: 3D printing

<http://videos.sapo.pt/P7yZ6LqGVQzi9PDJfACR>

Coat cover **Eu não tenho medo | I´m not afraid**

Designed and made by Sacha Trindade, Storytailers and Burel Factory

Material: burel | 100% wool





Coat

Design by Miguel Gigante in
NEW HAND LAB | Covilhã

Material: burel – 100% wool

Inspired on the sheperds cover
and their sheeps of Estrela
Mountain – Portugal

Burel . A traditional fabric
repurposed



LaGa Bag José & Pilar

O caos é uma ordem por decifrar

Design by KURVA DESIGN

Jorge Moita e Daniela Pais

Material: Tyvek

Infinite design possibilities

2012



Sunglasses | Brand: CUZCUZ | Design by Ana Mendes | Materials: wood and acrylic



CUSCUZ is a Portuguese sustainable fashion accessory and design brand. The main product of the brand CUSCUZ® are sunglasses, developed consciously, to face our current environmental issues. The brand CUSCUZ® aim is to promote responsible consumer habits in society, by making people reflect on their actions, as well as their moral and ethical values, in order to voluntarily adopt purchasing behaviours that avoid a fast fashion culture. Providing a wide range of products based on a gender-free concept, the brand CUSCUZ highlight the diversity of the minimalist and timeless design.

Tapistry Eudóxia by Ana Aragão for Tapeçarias Ferreira de Sá





Basket Celeste & Super Celeste

Brand: **Toino Abel**

Materials: handwoven organic reed with full vegetable tanned leather | Toxic free metals | Organic GOTS cotton lining | handmade ceramic charm



DOMINÓ Bowl

Brand: Hand Matters

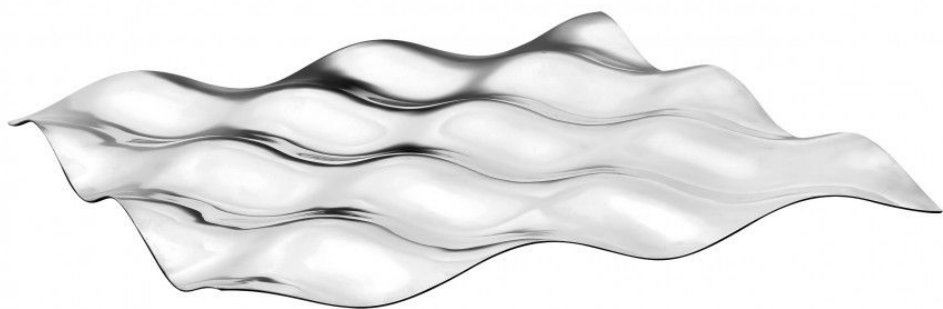
Design by Filipe Alarcão

Material: fused glass

1999

In chrome-

extension://efaidnbmnnnibpcajpcglclefin
dmkaj/http://www.experimentadesign.pt/r
evolution/-
download/REVOLUTION9909-PT.pdf



UNDA Centerpiece

Brand: Topázio

Design by: Siza Vieira

Material: recycled silver

MATERIA – Cork by AMORIM

10 designers | 12 projects and objects



Chair Portuguese Roots | Brand: AROUNDtheTREE | Design by Alexandre Caldas
2013

Inspired by the original metal portuguese esplanade chair from the 50 ´s

Materials: walnut, ash and mutene woods | cork





Shell Chair

Brand: Branca Lisboa

Design by Marco Sousa Santos

Materials: Birch Plywood and includes four cushions in natural cotton or leather

The Shell chair is inspired both by formal and structural biological references. The structure appears to be a shell natural development and its form evolves like a natural body composed by vertebra and spine, working as natural force and weight distribution. Ergonomically, the Shell is a “pillow container” where, according each user, can be adjusted or filled with less or more pillows. The chair is delivered with 4 long pillows.



Vinco Chair

Brand: Corquedesign

Design by Tony Grilo

Ecological and recyclable



Taburette Cut | Cut Lounge Chair | Coffee Table Layer

Brand: Sofalca | BlackCork

Design by Toni Grilo

Materials: natural black cork and oak

Toni Grilo and his pieces in black cork, the most ecological of all, since it does not have added glues and its manufacturing process is 95% self-sufficient in energy terms. The technology developed by Sofalca for its elaboration consists of injecting steam to the cork granules so that they expand and bind with their own resins.

https://www.domusweb.it/it/notizie/2014/02/11/toni_grilo_blackcork.html

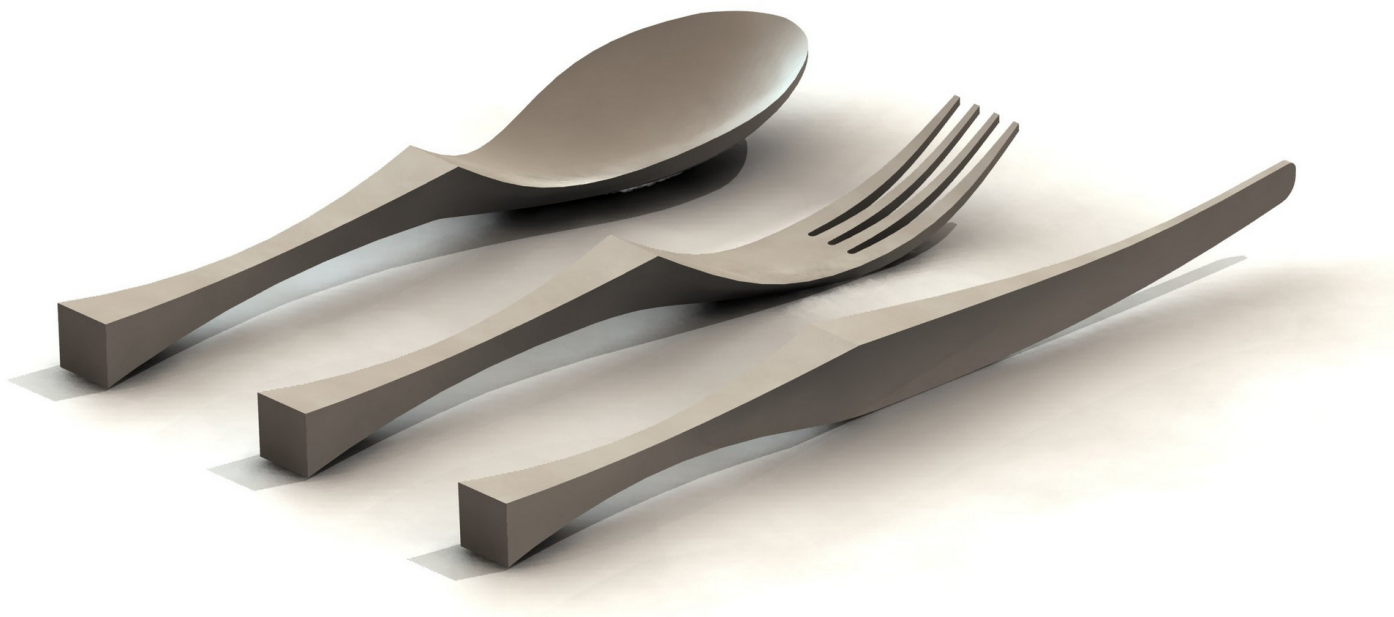


Cork - material recyclable and biodegradable by nature and abundant in the Iberian Peninsula, where its interest lies as a sustainable, durable and resistant design where it exists.

Sustainable development and the circular economy play a central role in achieving the objectives of the European Ecological Pact. In this context, SUSDESIGN – a creative and research studio specialized in design for sustainability – has developed a strategic vision and an original concept for the Portuguese Presidency of the Council of the European Union. At its head office, in the Centro Cultural de Belém, the furniture of the social areas was conceived and produced from organic matter from the maintenance and cleaning of the forest and national forests, and cork and wood originating from industrial waste.



Special Edition Comemorative Pieces for the Portuguese Presidency of European Union Council 2021



Cutlery Set **Amicus**

Brand: Atelier S.O.M.A.

Materials: Prototype

Wool hand-made lamps | Brand PETRUS by Ana Almeida | New Hand Lab. | Covilhã | Portugal





Remade Salamander

Brand: Alba | Larus Design

Design by: Francisco Providência

Materials: cast iron

2016

Decorative Bowl | Brand: SPAL

Design by Alda Tomás

Materials: remaining parts of porcelain joined with
Epoxy resin

2008



Attitude Bowl | Brand: SPAL

Design by Alda Tomás

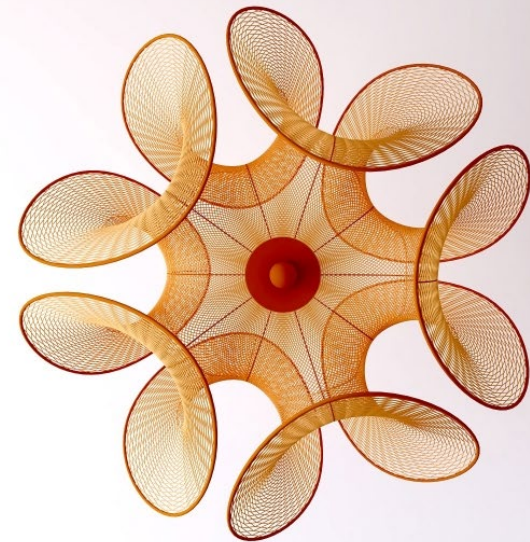
Materials: remaining parts of porcelain resulting from
the water recycling process, proceeding from the
Residual Waters Treatment Station.

2007



Lamps COR-KS | Brand: DIGITALAB (Portugal) | Mentor: Lindsay Adelman

a system connecting cork thread, a sustainable material and computational process that generates design products. CO-RKs is more than just a shape or product, it is a generative system that connects a low-tech, sustainable material (cork thread) and computational scripts (generative design) to create a set of shapes (products) and spaces (atmospheres) with multiple functions and scales. cork thread is a unique and innovative product: non-fibrous, 100% natural and developed by mónica gonçalves for in.filo. the material has the natural color of cork and the way it looks is very similar to jute. this thread was created for application in the textile industry, particularly fashion. currently, this material can be produced with a thickness of up to 1 millimeter or more, while maintaining its resistance to abrasion and stress-related wear and tear. it's a robust, comfortable material, resistant to light traction and it's also washable, keeping all the original physical properties of cork. in addition to its aesthetic and technical properties, cork thread is sustainable and environmentally friendly.



Dulcineia

Brand: AtelierVianaCabral

Materials: Ceramics or papier mâché

VIANA
CABRAL



100%
delicada

100%
poética



Dulcineia®

100%
poética

100%
delicada

Esta Dulcineia é uma princesa desenhada e pintada pelo atelier VianaCabral.

É uma menina que sonha, assim o dizem os seus olhos fechados, e que transporta consigo um pequeno pássaro, símbolo de delicadeza e de doçura.
A exemplo de muitos sonhos de D. Quixote, também as Dulcineias são um sonho, todavia materializado.

Esta primeira colecção está inspirada na vibrante cor e simbologia dos lenços de namorados.

O nosso processo de design sempre foi inclusivo, umas vezes por participarem na execução, outras vezes como beneficiários do valor das peças que desenhamos. Procuramos que através das nossas criações haja um reconhecimento social de cidadãos de grande valor, cuja visibilidade por vezes é diminuta.

Como reconhecimento pelo apoio que nos dão sempre, uma percentagem desta peça reverte a favor da APPACDM (Associação de Pais, Parentes e Amigos do Cidadão Deficiente Mental) de Ponte de Lima.

Cada peça é numerada e assinada.

Ponte de Lima | Made in Portugal



Bags Montmartre, 11th, Saint-Germain, 7th and Marais | Brand: Ownever



Ownever bags are handmade, made of bio-leather dyed with exclusively vegetable paints and packed in organic cotton. In addition, they are produced only on demand and have a timeless design. These characteristics, and also the fact that the brand offers a lifetime maintenance, promote its concept of "a lifetime to enjoy", in which the idea is to buy less and take more care of the parts.

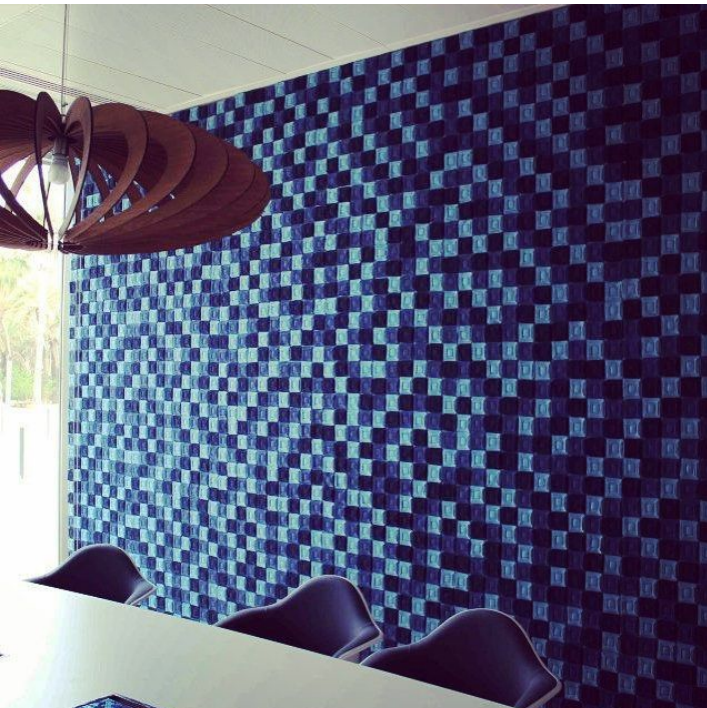


Burel Factory is headquartered in Manteigas, serra da Estrela.

Burel is a **handmade fabric Portuguese, 100% wool, of high quality and strength that come from its manufacturing process**. In the past, this material was widely used in domestic parts (e.g., the typical shepherds' covers).

Burel Factory took this unique heritage and adapted it to today's times, revitalizing the value of our traditional riches, reinventing them in a dynamic and innovative way. In addition to taking a typical Portuguese product, they were concerned about giving work to the people of serra who previously worked with the same material and, simultaneously, gave opportunity to young Portuguese artists such as Sara Lamúrias, Gonalo Campos, among others.

Thus, they allied this ancient knowledge with an innovative, relevant and surprising design. At the Butters village lanide factory, experienced seamstresses work the burel, transforming it into unique and unique parts that demonstrate the versatility of the burel and the quality of the Portuguese.



Particles is a eco-design project, which brings to porcelain a technology from the glass area - Pate de Verre, but with different objectives and distinct results. They are manufactured from the reuse of waste ground porcelain, sintered at high temperature with the addition of the glaze in it's pure state that fuses the particles between each other. They are decorative bowls, exposing the material they are produced with, highlighting the fragility of the material.



Particles Bowls | Design: Alda Tomás

Material: Porcelain scrap ground with the addition of glaze
Ano de Lançamento: 2009

Produção: SPAL

Cliente: Remade in Portugal



Handle Bench | Brand: Tema Home | Design by Fernando Brízio | Material: coloured fabric



Seat Iberê | Design by Siza Vieira | Material:recicled woods



Siza Bottle - Lisbon Soul | Design by Siza Vieira for EPAL
– Empresa Portuguesa de Águas de Lisboa | Material:
Glass | 2017

<https://www.dn.pt/sociedade/uma-garrafa-com-design-de-siza-vieira-para-promover-a-agua-da-torneira-8626826.html>



Cerne Collection by Samuel Reis for VÍCARA | Materials: glass | Process: manual blowed glass to mold made of carob tree, the local wood of Algarve



Layers Jar | Polygon Jar | Design by Vitor Agostinho for VÍCARA

Materials: earthenware and glass | Process: Mutant Molds



Final Considerations

There is a consistent opportunity to develop a complete study about sustainable design products in Portugal.

We didn't explored the portuguese sustainable packaging and communication design products yet, but we found a lack of study's in that área.

Thank You!

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by*

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