

PORT - FOLIO

2023

Paula Mutiloa

Hi! I am Paula Mutiloa. I am a Spanish based product designer with a creative mind and a sensitive personality. I bring ideas to life and create sustainable products always thinking in the user and taking care of the environment.

I consider myself open minded, proactive and conscious person, who enjoys teamwork, who tries to improve and who is always willing to face new challenges

About



linktr.ee/paulamutiloa



I HAVE THE CAPACITY TO DEVELOP THE
FOLLOWING ACTIVITIES

design
research
content
branding
marketing

PRODUCT DESIGN | CONCEPTUAL DESIGN

TOPIC RESEARCH | MATERIALS RESEARCH | EXPERIMENTATION RESEARCH

CONTENT STRATEGY | CONTENT CREATOR (VIDEO & PHOTOGRAPHY)

LOGO | POSITIONING | BRAND IDENTITY

DIGITAL MARKETING | WEBSITE DESIGN | SOCIAL MEDIA

EDUCATION

(SCHOOLS)

HKU, ACADEMY OF ARTS (2022-24)

Minor 'Not Only Design

Product Design Bachelor

Utrecht, Netherlands

ESADA, SCHOOL OF DESIGN (2020-22)

Product Design Bachelor

Granada, Spain

COMPLEMENTARY EDUCATION

(COURSES AND WORKSHOPS)

Digital Marketing and Web Design (currently)

BioArt course

Sustainable and circular Design (designlab)

Biomaterial workshop (Cynthia Nudel)

Photography course

INTERSHIPS AND JOBS

WORKING ON MY OWN IDENTITY

MuMat design (Since 2021)

STUDIO RETHINK IBIZA (2023) Upcycling plastic. Creative design. Circular and sustainable design.

FREELANCER (2020-22)

Education & Professional Experiences

SOFTWARE



ADOBE PHOTOSHOP



ADOBE ILLUSTRATOR



ADOBE IN DESIGN



SOLIDWORKS



OFFICE SUITE



SKETCHUP



KEYSHOT



WORDPRESS



FIGMA



ISADORA (VIDEO MAPPING)

SKILLS

SUSTAINABLE DESIGN

MATERIAL RESEARCHER

DESIGN THINKING

PRODUCT DESIGN

VISUAL IDENTITY

CONTENT CREATOR

CIRCULAR DESIGN

CREATIVE UPCYCLING DESIGN

HOBBY PHOTOGRAPHER

WEB DESIGNER

EDUCATIONAL VOCATION

UX DESIGN

Software and Skills

content

‘For me, design is a tool that, depending on how you use it, can generate solutions or problems’.

Paula Mutiloa

This document summarises the work of previous design projects (more conceptual); those that are currently in progress (more experimental); and projects that have been worked on professionally.

LID LAMP

LIGHT AS A WAY TO KNOWLEDGE

CHALLENGE		SOLUTION	
Design a product with a deeply concept that be inspired by Nasrid culture and in collaboration with an artisan from Granada.		I use the circular design to revalue the importance of the craftsman in my city (Granada) and I used the waste generated by a brewery in Granada, Cervezas Alhambra, to make a light directional lamp.	
Collaboration with Antonio, glass craftsman from Granada.		Work Process <ul style="list-style-type: none">▶ Research▶ Conceptualize▶ Ideation through design thinking▶ Visualize with 3d software▶ Functional prototyping	
WHEN	2021		
DURATION	2 months		



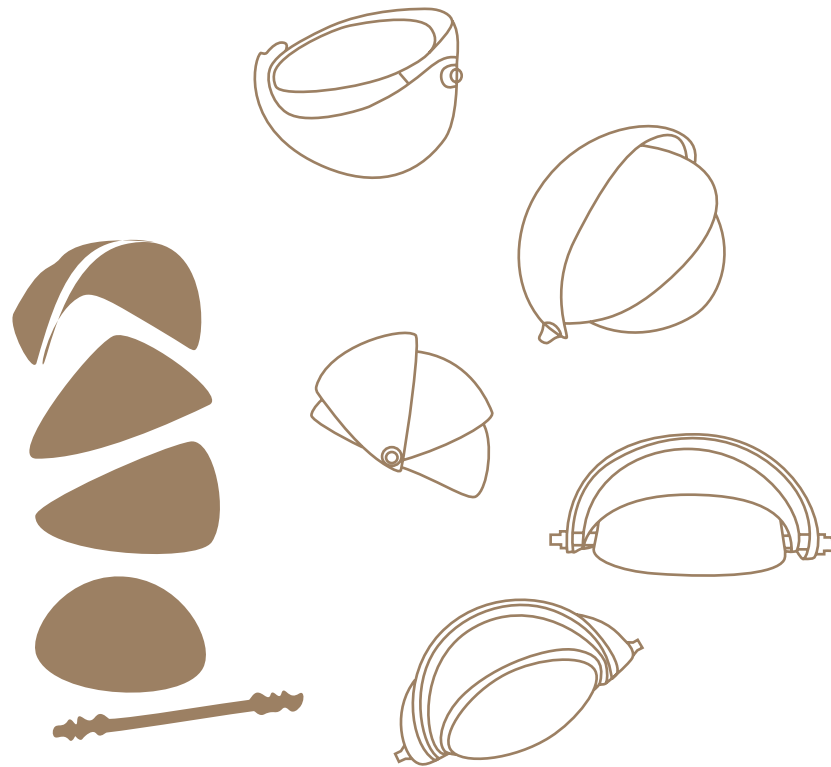
Research

MAIN MATERIALS USED IN THE ALHAMBRA AND ITS ARQUITECTURE.

ABOUT

The beauty of the interior of the palace, as opposed to the exterior, the light coming through the stained glass windows and generating visual effects and the use of poor materials such as stucco; led me to investigate the following points.

- ▶ The importance of light in the Islam. (theorical)
- ▶ Stucco as material for product design. (experimental)
- ▶ How to recycle glass from bottle. (theorical and experimental)



Concept & visualization

MAIN MATERIALS USED IN THE ALHAMBRA AND ITS ARCHITECTURE.

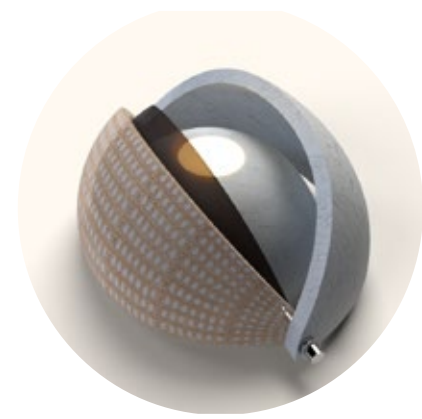
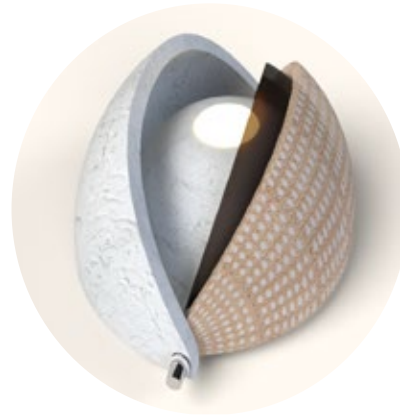
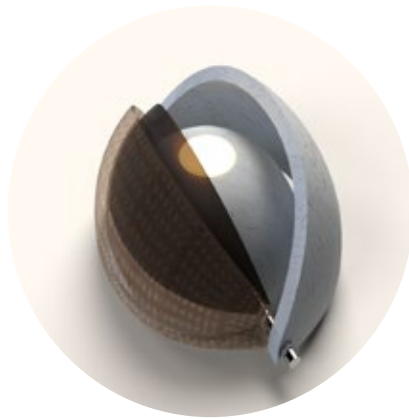
ABOUT THE CONCEPT

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HOW THE LAMP WORKS

It's a disassembled lamp, composed by one stucco base, three screens made of different materials (recycled glass, fiber pattern and stucco). To assemble both parts, there is metal bar that runs through the centre of the base and holds the screens in place, allowing them to rotate.



ODOS

IS IT POSSIBLE TO TURN SOMETHING THAT KILLS
YOU INTO SOMETHING THAT GIVES YOU LIFE?

CHALLENGE

SOLUTION

Redesign a Botijo, classic spanish product that is used to drink and keep the contents fresh.

Following the philosophy, Up-Cycling, I revived an unused object (the botijo), giving it a new life, and taking advantage of the wonderful properties of clay as a container for liquids.

Work Process

- Conceptualize and research through experimentation
- Ideation through design thinking
- Visualize with 3d software and prototype

WHEN2021

DURATION1 month



Research

THE 'BOTIJO' IN HISTORY, THE PROPERTIES OF CLAY AS A MATERIAL AND THE ADAPTATION OF THIS OBJECT TO MODERN TIMES.

ABOUT

The botijo has been used throughout history to transport cool water, as clay is a porous material that allows air to pass through, lowering the temperature inside.



Concept & visualization

ABOUT THE CONCEPT

Inspired by Duchamp and his piece, 'Fountain', 1917; I intend to distort the image of this object, giving it a totally opposite meaning.

The hand grenade is a weapon used to kill or wound; and I wanted to turn it around by using the symbolism of water as life.

A hand grenade that does not kill, instead it gives life.

HOW ODOS WORKS

It is a container made of raw clay, that help it to keep the water cold, because of the porosity of the material.

I have designed a plug, which has two openings, one where the air goes in and the other where the water comes out.



CHANGE PROCESS MATTERS

HOW DOES THE PROCESS AFFECT THE FINAL
PRODUCT AND THE ENVIRONMENT?

CHALLENGE		SOLUTION
I did this project during the 'Not only design' minor. For this project no challenge was required; you simply had to develop a project, whatever you wanted and however you wanted. There were no limits, only the limits you set yourself.		<p>It was a long mental process, where you unlock the way you have always worked.</p> <p>Since there were no limits or dates, from the beginning, I felt free to address a topic that had been bothering me for some months: the amount of waste generated by a distribution company (I was working there).</p>
'Not Only Design', Minor. HKU, Utrecht.		<p>Work Process</p> <ul style="list-style-type: none">▶ Experiment with the material▶ Research by interviewing▶ Ideation through experimentation▶ Analyse results and continue making
WHEN	2022-23	
DURATION	4 months	



Background & research

SURPRISED BY THE HUGE QUANTITY OF PLASTIC WASTE THAT THIS COMPANY PRODUCE, I TRY TO GIVE SOLUTION TO THAT, BY GENERATE A USEFUL RECYCLED MATERIAL.

I REWORKED THIS INDUSTRIAL WASTE INTO NEW PIECES AND BASE MATERIAL.

SOME EXPERIMENT SEEMS AS NATURAL PATTERN/MATERIAL AS WOOL OR STONE.

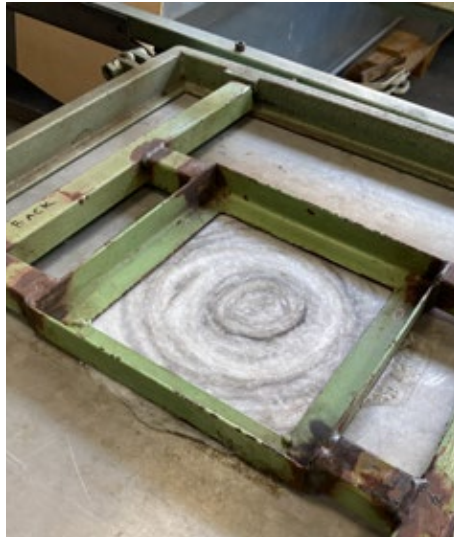
ABOUT

To investigate the material, I work and experiment with different techniques and tools, without limits.

It's the way to see with my own eyes what happens, how it responds to heat, to the roller, to the cut, to the press...

Also in this project, I used interviews as a research technique. I met with the head of the company and I asked him a series of questions about the waste that is generated, what happens to that waste...

The information gathered from the interviews and the experimental work was presented in a one-week public exhibition at the Nijverheid, Utrecht.





**currently
working on...**

Rethinking the future for a more sustainable world.

Rethinking the process for a more sustainable future.

This section shows the projects I am currently working on. In them, I investigate different materials from natural waste, with the aim of designing sustainable products and thus, contribute to a future with less pollution and without permanent waste.

Rethinking the material for a more sustainable process.

SHEEP NOT CHEAP

90% OF THE WOOL IN THE NETHERLANDS IS
BURNT.

CHALLENGE		SOLUTION
<p>This generates a very high level of emissions. What is the possible solution to this problem? We have to research and experiment with wool, generating possible solutions and uses.</p>		<p>During the first month, I experimented with wool, by washing it, sewing it, making patterns and trying to do a biotextile mixing the wool with other ingredients.</p> <p>But, I also was thinking about the amount of water that could be necessary to clean all the wool that it's burned in The Netherlands... 'I don't want to solve a problem by generating a new one.' -I thought.</p> <p>SO YES, currently, I'm working with dirty wool.</p>
		<p>Work Process</p> <ul style="list-style-type: none">▶ Research through experimentation▶ Design thinking
WHEN	2023	
DURATION	2 months	



Some results

TESTED WITH WASHED WOOL

ABOUT THE PROCESS

I did the first tests with washed wool.
I mixed different ingredients, as glicerín, potato starch, agar agar, among others.

As a result, I obtained some pieces that were harder and thicker, others that were thinner, more fragile, gelatinous.

Additionally, I tested dyes with natural ingredients like coffee and turmeric.

This whole process is in my biomaterials recipe book.



**POSSIBLE SOLUTION**

Currently, I am trying to get dissapear the bad smell of dirty wool. I am on the verge of achieving this, as by adding vinegar to the mixture, I have managed to stop the dirt from smelling.

POSIDONIA

ONE OF THE OLDEST SEAPLANT OVER THE WORLD.

CHALLENGE

SOLUTION

This is my last project for university.
It is a free project where you have to show what
have you learnt in the hole period of your studies.

I have chosen to carry out a research project,
whose main objective is to study Posidonia oce-
anica as a material for the design of sustainable
products.

To do this, it will be analysed the biological, ecological and environmental charac-
teristics of Posidonia and its physical properties.

In addition, through experimentation, I will study and test the possibilities of this
resource as a material.

As secondary objectives, the aim is to reflect a vision of design as a tool towards
a more respectful world; this will be done through the analysis of the relation-
ship between human beings and nature, if there is a symbiosis and what conse-
quences it has on the environment.

WHEN

2023-24

DURATION

5 months

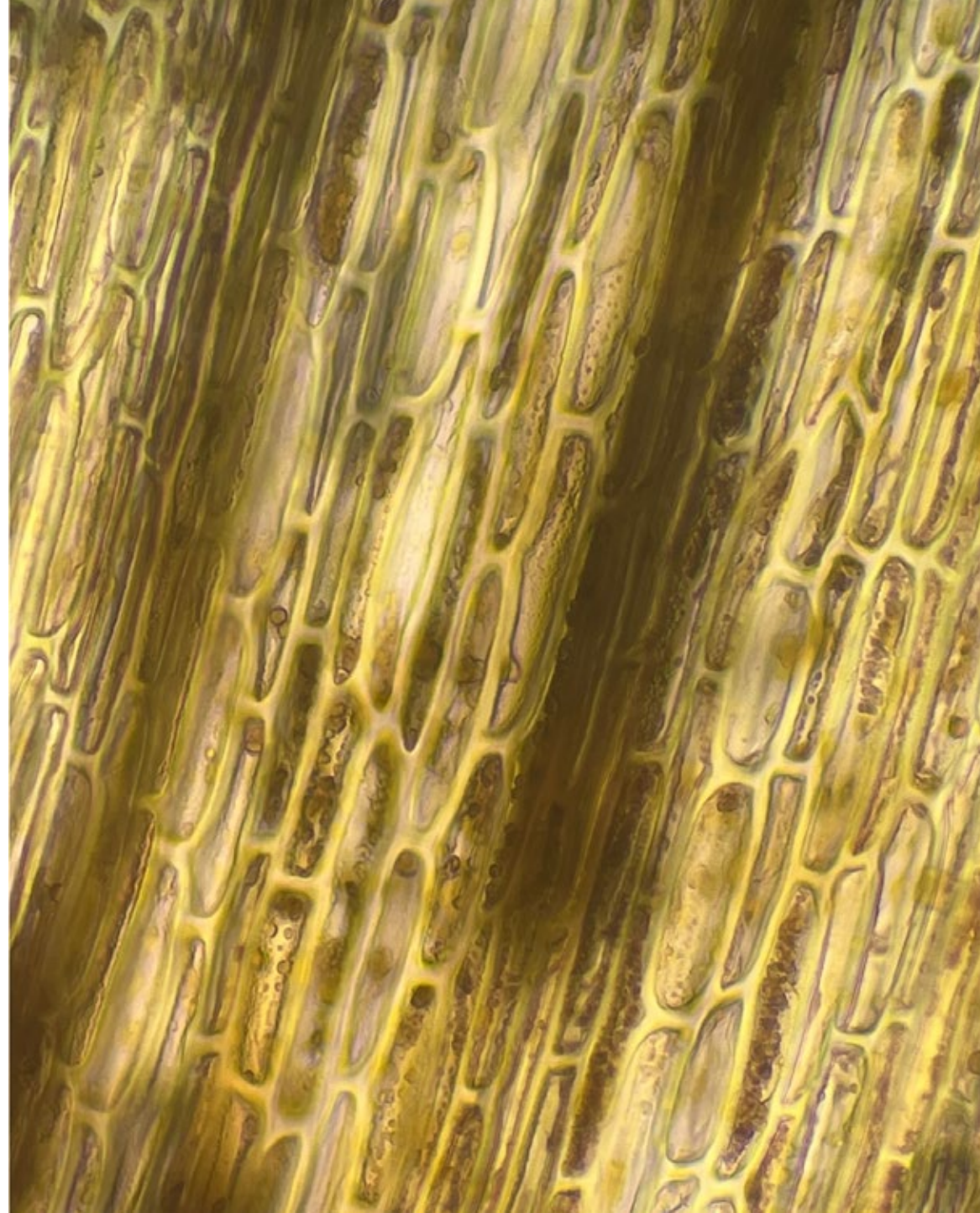


Photo view with the microscope in 400x

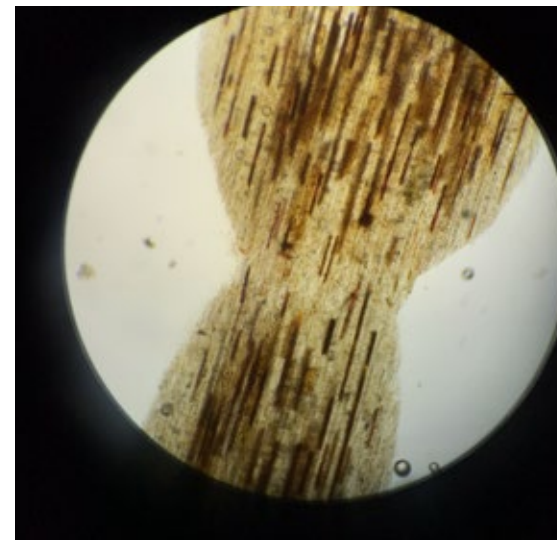
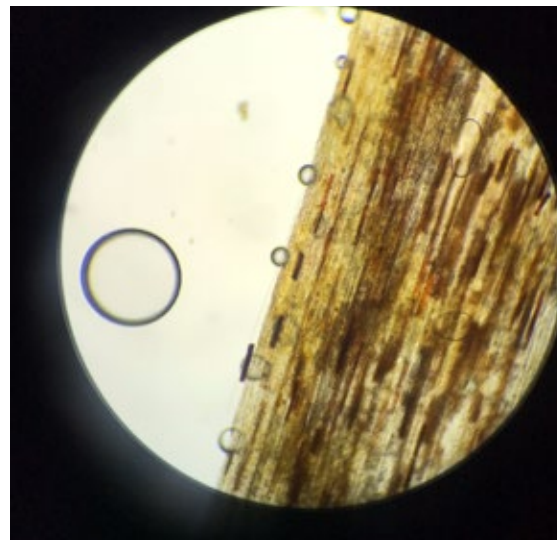
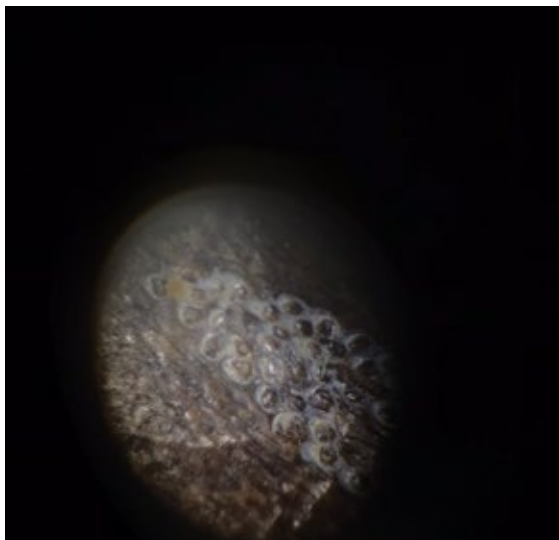
Visual research

MICROSCOPE VIEWS

At the same time, while researching through the internet and different books, I have visually analysed this plant, obtaining wonderful pictures and recognising its structure and composition visually.

It is a plant made up of fibres. Its composition is absent of protein and has a high level of cellulose.

Based on these data, I continue to research and experiment. I show you the different processes that I have carried out up to now.





TEST 1

BIOMATERIAL

Mix of glycerine and agar agar.

As result: an elastic, rough, hard but brittle material in some parts.

It looks like plasticised.

I have observed that this plant does not fully absorb these ingredients.

TEST 2

HEAT PRESS

Mix of Posidonia and glicerine in a mould.

We put inside the heat press machine for 30 min, 180°C and 17p.

The result is a layer of half a centimetre, compact, dry to the touch, very light and crumbles at the ends.

TEST 3

POSIDONIA+MYCELLIUM

Laboratory process:

- 1) Sterilise containers internally and externally.
- 2) Sterilise work place and tools.
- 3) Put Micellar inside the containers and leave in the incubator for one week.
- 4) Check the results

**Professional
experience**



**Symbiotic
relationships,
where both
parties
contribute.**

Studio Rethink Ibiza

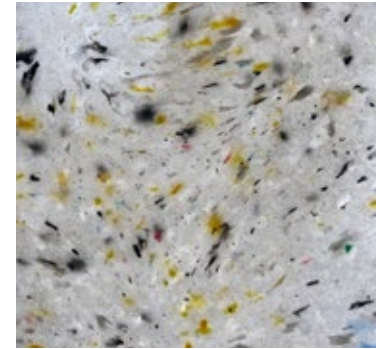
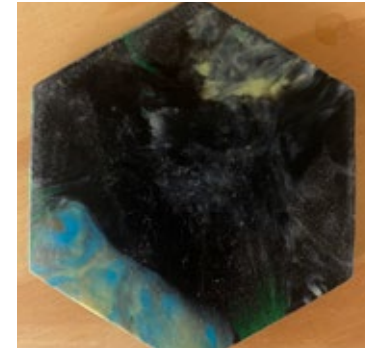
INTERNSHIPS 2023

During my two-month internship at Studio Rethink, I was able to take part in various projects and assignments.

I worked in the field of circular economy, carrying out different plastic recycling processes, with which we developed sustainable products.

The process started with the organisation of the material by type, colour and transparency. Afterwards, we continued with the process of working with the material: shredding, pressing, moulding, extruding, 3d printing and laser printing. With my 'Change process matters' project and the experience I gained, I was able to bring many creative and innovative processes to the company.

On the other hand, during this period, I generated content for the company's social media, both of the process and the final products.





Exclusive design for Ibiza Sonica Radio.



Freelancer

SINCE 2020

During all my career, I have tried to develop some skills as illustrator, photography and branding.

I have created my own brand, called MuMat, and I am now working on the visual identity.



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3.2. Work flow	
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4.1. Physics, growth and core of the Design	

Logotype and naming

TO BE FLOATING

TO BE FLOATING

TO BE FLOATING

TO BE FLOATING

TO BE FLOATING

NAMING: TBF (The Being)

NAMING: TBF (The Being)

NAMING: TBF (The Being)

NAMING: TBF (The Being)

NAMING: TBF (The Being)

Colour Range

Colour Range

Colour Range

Colour Range

Colour Range

Typography

Typography

Typography

Typography

Typography

Layout and branding

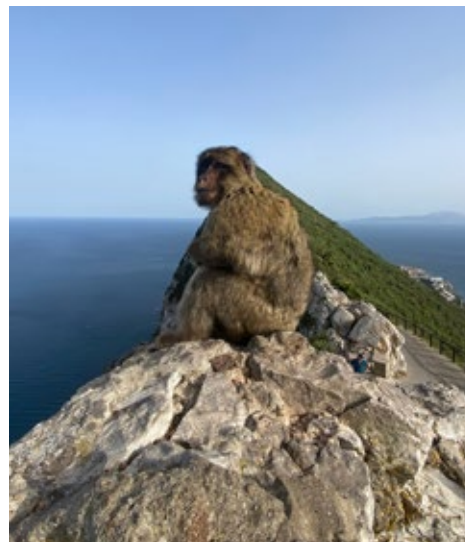
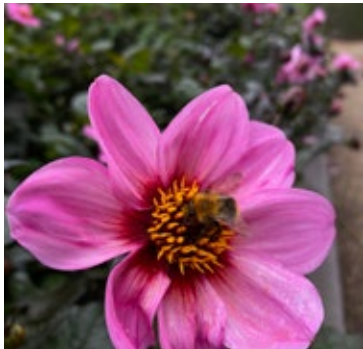
Illustrations & print

I have used different print methods as screen printing and sublimation printer.



Photography

I love photographing nature and playing with light and shadow.



**Thank you
for your time,
Let's Collaborate!**

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