



ORGANIZE:





COLLABORATE:





IDI

LOOP DESIGN AND CIRCULARITY

LOOP is connection, collaboration, innovation and reflection on design and materials.

LOOP Design and Circularity is a platform created by the Institute for Business Innovation of the Balearic Islands (IDI) with the aim of reflecting through circularity, reuse, transformation and proximity of materials to incorporate them into the conceptualisation of new products and thus optimise the resources that surround us.

LOOP wants to convert part of the waste into a first quality material using design and research as transformative elements that serve as inspiration and generate an acceleration in the revolution of materials.

LOOP inspires and motivates a new generation of design specialists to provide them with contacts and encourage synergies between different disciplines from diverse fields to promote their projection and visibility.

The creation of business collaborations driven by LOOP enables the pooling of knowledge, resources and skills to develop a high quality product. The result is that these objects go beyond the creative process and enter the material development that goes beyond paper to become a solution.

development of economic and business activity in the Balearic Islands with criteria of competitiveness, sustainability and territorial and sectoral rebalancing, providing entrepreneurs and companies with the information and resources necessary for their implementation, improving their management and increasing their competitiveness.

IDI is the Regional Development Agency (ADR) and an

instrumental body of the Regional Ministry of Enterprise,

Employment and Energy. Its objective is to promote the

https://www.idi.es/

https://loopdisseny.com/

SYMBIOSIS

LOOP 2024

Fundació Deixalles is a non-profit organisation of solidarity economy, founded in 1986 on the initiative of the Delegació d'Acció Social del Bisbat de Mallorca and the Federació de la Petita i Mitjana Empresa de Mallorca (PIMEM). Since 2010, the Board of Trustees of Deixalles Foundation is made up of its workers grouped in Associació Amics de Deixalles. The aim of this foundation is to promote the social and labour insertion of people in vulnerable situations in the Balearic Islands by carrying out activities mainly related to reuse and improving the environment.

Deixalles Fem que Circuli ("Let it circulate") project promotes the circular economy in the Horeca sector and the socio-occupational integration of vulnerable groups through the reuse and upcycling of objects and waste. In 2022, the first year of this initiative, Deixalles collected 116 tonnes of discarded objects from tourist establishments. The reuse of this material avoided the emission of approximately 692 tonnes of CO2.

This is where, at this point, LOOP proposes the creation of sustainable and circular solutions based on available resources and with design as a discipline capable of adding value. Therefore, it proposes to designers the materialisation of new products from the waste collected by Deixalles, since all tangible elements are resources and are wealth.

The designer is the agent in charge of thinking about the transformation of the waste, committing to innovation and technology in the manufacturing processes, as well as to the design of long-lasting products, by seeking environmental coherence in the design phases and the manufacturing processes.

https://www.deixalles.org/es/fem-que-circuli/

After initiatives focused on promoting design and research into new materials, LOOP Design and Circularity now brings to the table the need to convert waste into a source of resources for making new products. In short, applying circularity to give value to what is initially discarded.

Support, community service and symbiosis are concepts that have made possible LOOP's collaboration at this stage with Fundació Deixalles thanks to a challenge proposed by this institution: offer a new life to materials collected from homes, businesses and hotels.

MATERIALS

From the different types of materials collected by Deixalles, the LOOP project focuses on textiles and furniture. Specifically, it focuses on the hotel sector, which is characterised by a high turnover of these elements. According to the study "Reutilització en el sector hoteler de les Illes Balears", carried out within the framework of the Fem que circuli project, at least 10,887.50 tonnes of potentially reusable items are discarded every year in hotel rooms in the Balearic Islands.

One of the objectives of the Fem que Circuli initiative is for the sector to make use of the resources it generates and reuse them, which would lead to a reduction in costs and consumption. In this way, the hotel sector would actively contribute to the transformation of the industry towards a circular and equitable future.

Society is currently based on a linear economy: it extracts more resources than can be generated, produces, uses and finally throws away. The circular economy concept implies a shift from a linear to a circular life cycle and gives value, in the form of a new product, to what is considered discarded. Thus, LOOP wants to convert part of this waste into a first quality material, using design as a transforming element.

TEXTILES AND WOOD

Last year, the Deixalles Foundationmanaged 1,400 tonnes of textile items donated by individuals and companies. Eighty-six percent of these were destined for reuse, through the Deixalles shops and donation warehouses, and wholesale. The rest was discarded and sent for incineration (energy recovery), assuming the cost to the environment.

Once the possible scenarios had been analysed, LOOP decided to propose projects based on the materials collected in the Horeca sector to convert them into new products. The repetition of items in large quantities allows us to think on a larger scale. As Horeca is a service sector, the products used must meet minimum standards of quality and comfort for each establishment. This generates discarded items that are in good condition, even though they do not meet the establishment's quality criteria.

Given the scenario in which we find ourselves, we can classify the design proposals into three categories defined by the context of use:

Thus, the first category focuses on more functional products for hotel employees, such as aprons for cooks and waiters or personalised shirts. The second group focuses on the customer experience during their stay, offering products for the hotel that add value and comfort to rooms and common areas, such as luggage racks, chairs or armchairs for common areas. Finally, the point of sale in the hotel itself has also been considered as a solution to provide an outlet for the fabrics themselves. This more commercial approach aims to make the client feel part of the project by taking away a practical souvenir, such as beach bags.

CECILIA SÖRENSEN

Cecilia Sörensen is an independent, ethical and timeless clothing brand, designed and made locally in Mallorca with natural materials of the highest quality, respectful with the environment and with all the people involved in its production. Cecilia Sörensen was awarded the ModaFAD Designer of the Year Award in 2002. Sörensen has presented her collection several times at the Fashion Weeks in Barcelona, Madrid, Berlin, London, Stockholm, Tokio and Paris. Since 2006 her collection is exhibited in Paris twice a year. She also designs projects for other companies such as Snoopy/United media USA and Camper Shoes/Spain.



CLOTHING PIECES

CECILIA SÖRENSEN

Cecilia has designed two clothing pieces from white sheets and recycled men's shirts, complemented with linen remnants. True to the purpose of her brand, with this proposal Sörensen gives a second life to textiles in good condition which have been discarded because they do not meet the quality standards of hotels.

Design

Cecilia Sörensen for LOOP Design and CIRCULARITY

Post-consumption materials by Deixalles

Recycled sheet

Production

Cecilia Sörensen







NICO GUEVARA

Nico Guevara is an industrial designer characterised by perfection, order and functionality. He studied industrial design at Escola Massana in Barcelona. For years he was part of the design team of the footwear brand Lottusse. He also worked as a designer and studio coordinator for the fashion designer Miguel Adrover, developing projects for both Europe and the United States. Lately he has been the product manager for the Nokte brand, a firm specialising in gastronomic design.



PROTOTYPING OF APRONS

NICO GUEVARA

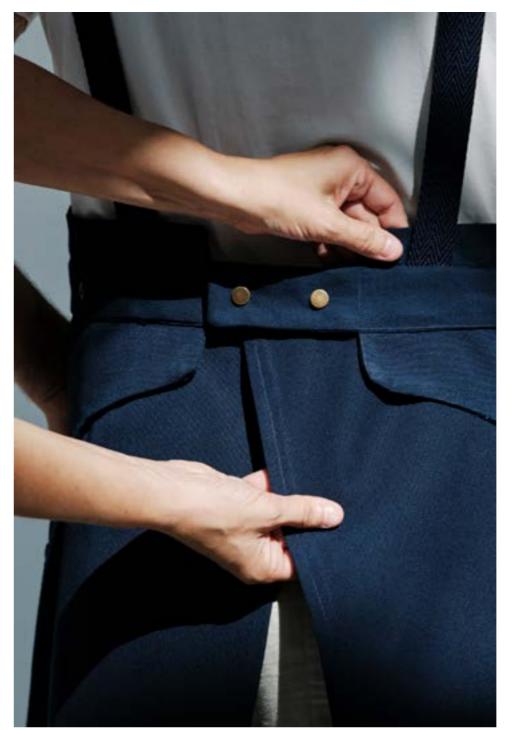
Nico Guevara, together with Anabel Ribas, have designed and made two aprons: one harness-style, which seeks comfort and practicality, and another detachable in two pieces, which transforms into a short apron and an elegant skirt. With adjustable straps that span two sizes, deconstructed aesthetics and small disproportions that depart from the classic norm, both models are inspired by architectural lines and achieve a clear contemporary air. These prototypes are designed to be made from different textiles from the same hotel facilities. These are rejected materials that are transformed into resources. This work is the result of the union between industrial design and fashion design, which Guevara and Ribas have brought together in a shared vision of the project.

Design

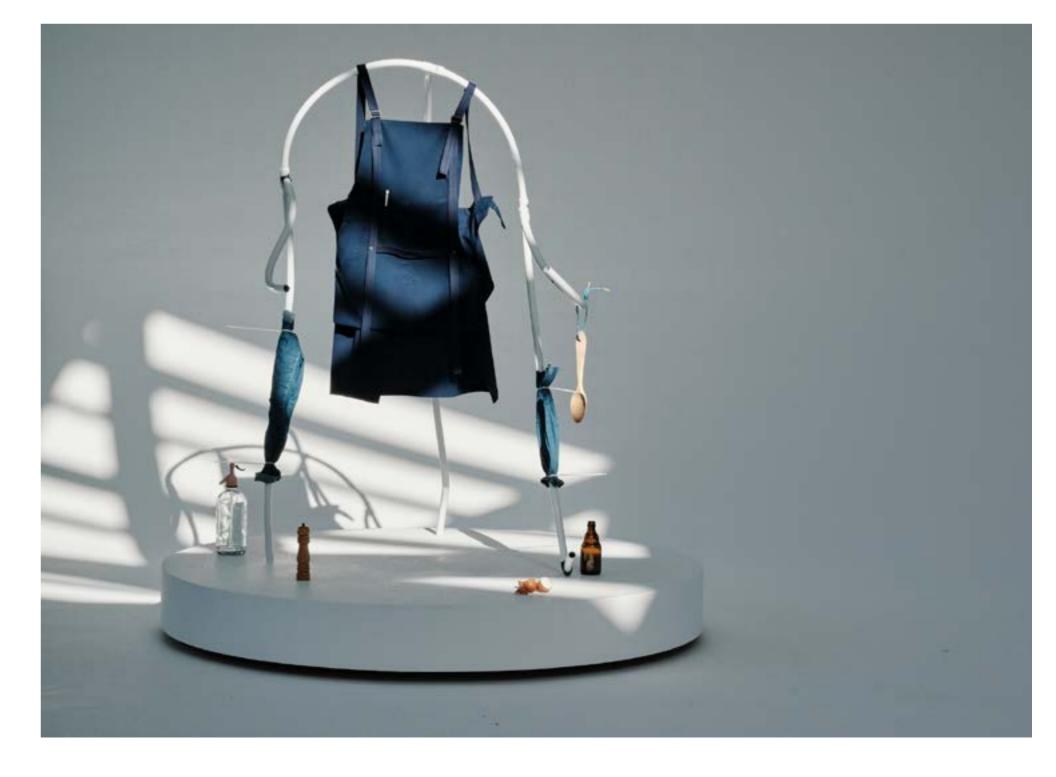
Nicolás Guevara for LOOP Design and Circularity

Production

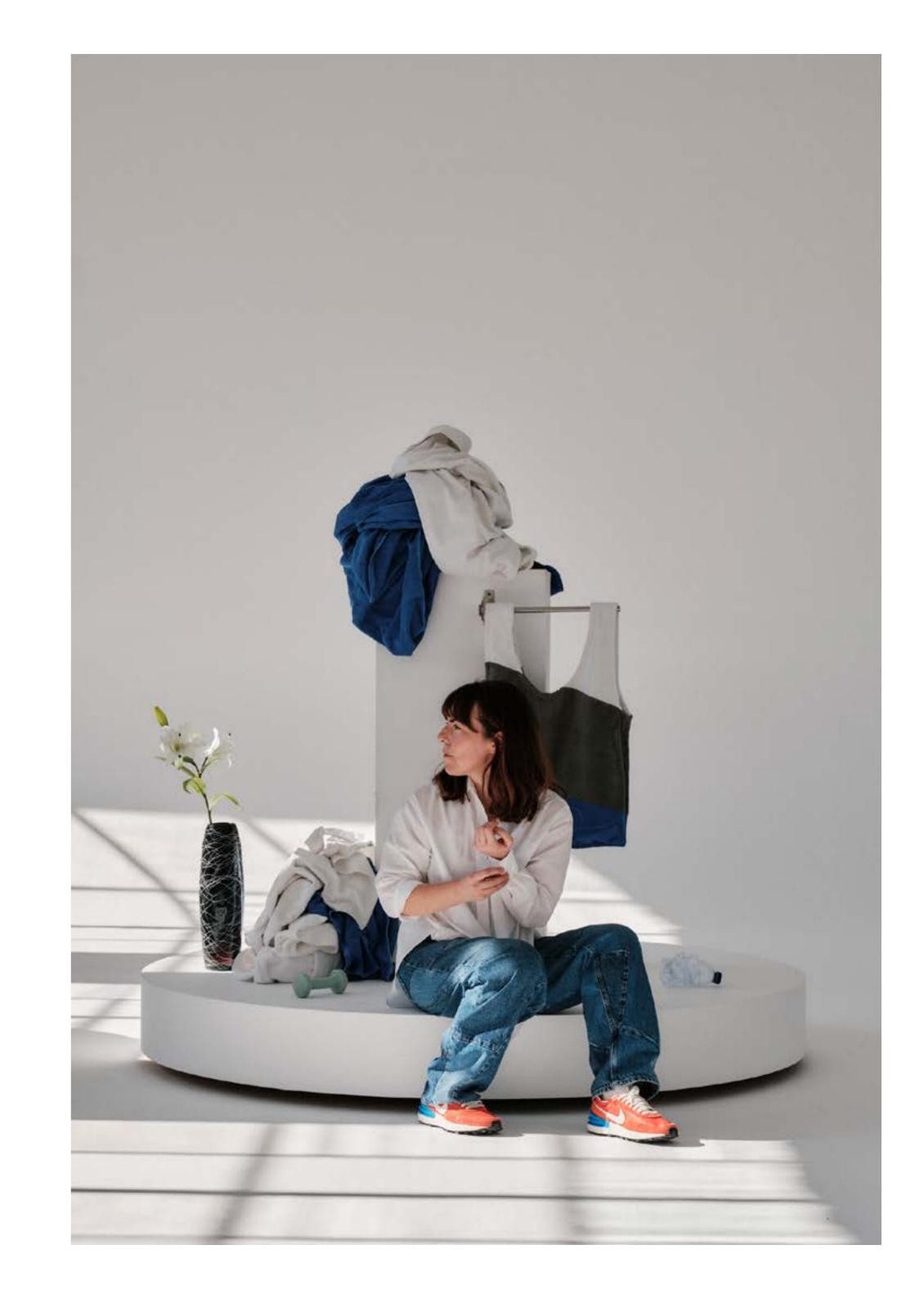
Nicolás Guevara and Anabel Ribas







MARGARITA PAYERAS



Margarita Payeras is founder and creative director of Suro Swimwear, a more transparent business model that produces less and more sustainably with textiles from fishing nets.

TOWEL BAG & TOTE BAG

MARGARITA PAYERAS

From towels discarded due to lack of use or small defects, which come from the Horeca sector and have been collected by Deixalles, Payeras has designed a towel - with a pocket and a department to insert a cushion - that folds and folds up on itself, becoming a beach bag.

By combining the remnants of his towel bag, Payeras has designed a beach bag ideal for carrying towels, flip-flops and beach or pool essentials, even if they are wet. A functional accessory conceived in terms of practicality and reusability.

Design

Margarita Payeras (Suro Swimwear) for LOOP Design and Circularity

Post-consumption materials by Deixalles

Reused towels

Production

Textile workshop _ Es Ministeri







PAULA CHACARTEGUI

Paula Chacartegui is a product designer specialised in the craft sector. After graduating from the IED in Barcelona and taking a master's degree at ECAL in Switzerland, she has collaborated with companies such as Alessi, La Prairie and Isimar and has exhibited in museums such as the Disseny Hub in Barcelona, the Museum of Arnhem in Holland and the Archivio di Stato di Napoli in Italy. She has also appeared in magazines such as AD and Wallpaper. Her philosophy is based on placing craftsmanship, sustainability and high quality natural materials as the main pillars of her designs. With a timeless and organic style, the designer is committed to small, local and personalised production.



VENTURA

PAULA CHACARTEGUI

Ventura is inspired by the shape of a boat's sails when sailing. The quilted silhouettes she creates represent the overlapping of sails blowing by the wind. On the other hand, the zip puller symbolises the rings through which the ropes that hold them in place pass.

The bag is designed to carry everyday essentials. It is sized to hold items such as a tablet or computer and has an internal zipped pocket for smaller items. It can also be adjusted in different positions depending on the handle knot (single, double, sliding...), either to carry it across the body or over the shoulder.

Under the sustainable philosophy of the project, it has been made from reused or discarded materials from the nautical and fashion industries. The properties of the outer material and the zip closure make Ventura a waterproof bag. Potentially, the padding for the quilting will be collected from discarded quilts from the hotel industry.

Design

Paula Chacartegui for LOOP Design and Circularity

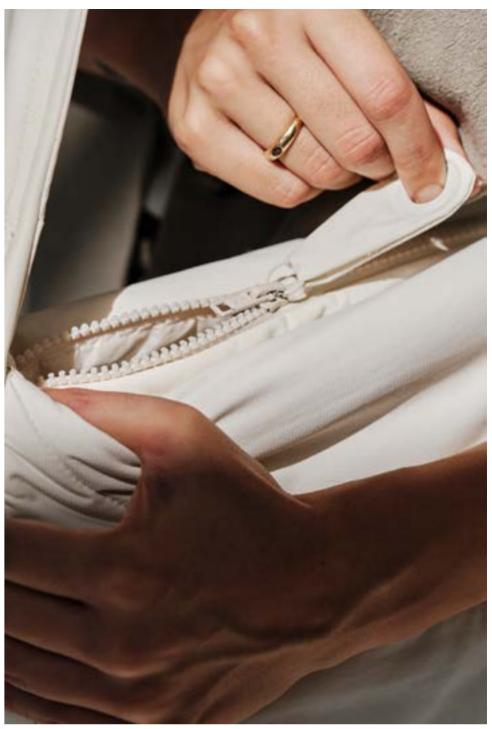
Post-consumption materials by Deixalles

Outer side made of reused polyester fabric.
Reused nautical sail inner side
Wadding filling (potentially from duvets in the hotel sector)

Production

Textile workshop _ Es Ministeri







MUTA FOLDABLE SUITCASE REST

PAULA CHACARTEGUI

Muta is a piece of furniture designed for the hotel sector. Inspired by the nomadic lifestyle, it is easy to transport and has a folding system for storage. In addition, the screw joints allow the separation of the parts and make it a repairable and easily recyclable product. Muta is the result of reusing wood and fabric from tables and curtains from the hotel itself, which have been transformed to give rise to this new piece. Two brass rods hold the fabric without the need for screwing or stapling. This way, if the fabric needs to be cleaned or replaced, it can simply be removed from the rods. Finally, the leather straps serve as a handle for carrying the structure and as a lock for storage.

Design

Paula Chacartegui for LOOP Design and Circularity

Post-consumption materials by Deixalles

Reused beech wood from the hotel sector Reused textile from curtains in the hotel sector

Production

Carpentry _ MAC Insular Textile workshop _ Es Ministeri







JANDRO BONET

Jandro Bonet is a designer and product technician. Focused on the creation and development of objects for everyday use, he studied industrial design engineering at the Polytechnic University of Madrid. He currently works as a freelance designer, positioning ecology, honesty and reflection as the essence of his product philosophy. He conceives design as a good relationship between the individual and the context. @jan.bonapar



BAG POSTMAN

JANDRO BONET

Postman is designed to carry small, essential everyday accessories in an organised way. Its practical design combines different pockets and components that allow objects to be separated according to their use or size: zippered pocket with dividers for larger items, exterior zippered pockets for easy access items, secret compartment for the mobile phone and exterior elastic drawstring.

It can be worn across the body or over the shoulder, as the nautical rope strap is adjustable and removable. In addition, it has a padded part for more comfort in the contact area, as well as on the back of the bag.

Postman also has other details such as different hooks for carabiners or rings, an external elastic cord for attaching light items and other loose objects and an additional fastening strap for cycling.

The fabrics used have been rescued from the hotel and nautical industries. For the exterior, different awning fabrics have been combined, using the thicker ones to reinforce the base and other mesh ones for the pockets, all of them resistant to sun and rain for their former function. The inner lining, on the other hand, is made of gennaker boat sail.

Inspiration from mountaineering accessories and research into organising the essentials that go with us make the Postman design a hybrid that translates outdoor language into urban lifestyle.

Design

Jandro Bonet for LOOP Design and Circularity

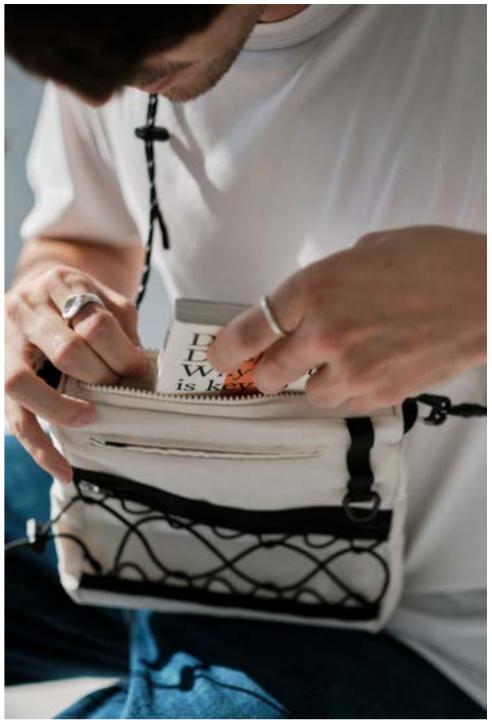
Postconsumption materials by Deixalles

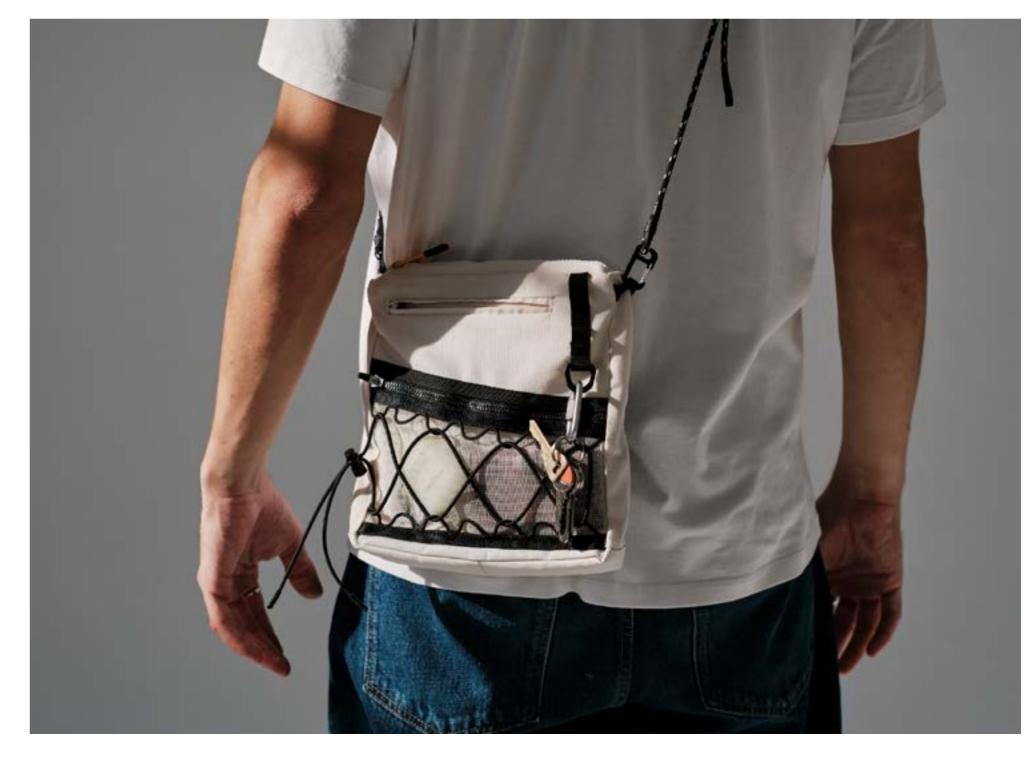
Outer fabric made of recovered awning canvas. Recovered foscurit reinforcement fabric Recovered mosquito netting mesh fabric Nautical waste gennaker boat sail lining fabric

Production

Textile workshop _ Es Ministeri







FOLDING WOODEN STOOL TTT

JANDRO BONET

The design of the folding wooden stool is simple, comfortable and lightweight, making it perfect for improvised seating anywhere, outdoors or indoors. The folding system is designed from industrial steel hardware. The strap, recovered from packing straps, is adjustable and can be easily carried over the shoulder or across the body. It also has an elastic cord for closure.

TTT is fully removable: the seat can be washed, replaced or repaired, just like the strap. This also facilitates the separation of the parts at the end of the product's service life.

The aesthetics play with the contrast between the upper and lower part of the seat, made of recovered awning canvas (surplus from a closed awning factory). The neutrality of the off-white against the striking orange is reminiscent of the colours that are drawn on so many of the island's building facades. In addition, the awning fabric is already made to withstand the outdoors (sun, rain or wind). Finally, the legs are made of beech wood - salvaged from discarded hotel tables - and are finished with linseed oil.

Design

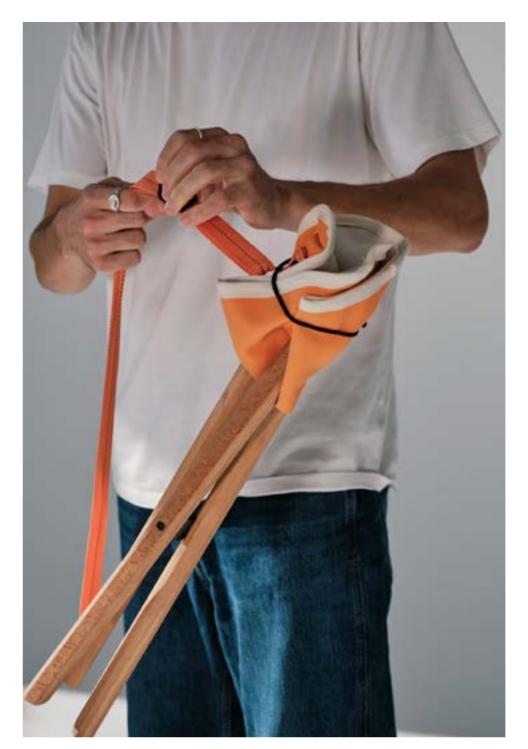
Jandro Bonet for LOOP Design and Circularity

Post-consumption materials by Deixalles

Recovered awning canvas
Reused beech wood
Tripod joint piece made of industrial screws

Production

Carpentry _ MAC Insular (legs and tripod joint)
Sewing workshop _ Fundació Deixalles
Textile workshop _ Es Ministeri







ADRIANE ESCARFULLERY

Adriane Escarfullery has worked for the architectural studio García Ruiz, for the Jardines de Tramuntana group and for Zanobia Arquitectura. She has also worked in Lyon with furniture designer and architect Jérôme Sornay, at Desitecture, Layton Reid, creating conceptual designs for the future of skyscrapers, at Benoy where she collaborated on designs for hotels, residential complexes and urban planning. He also participated in several architecture and design competitions such as Hakathon, Evolo and more.

His proposal for the Coral Monte master plan in Puerto Vallarta, Mexico, won first place in the competition.



FEE FI FO FUM ARMCHAIR

ADRIANE ESCARFULLERY

Adriane has designed the FEE FI FO FUM armchair, a robust product with simple lines, easy to pack and transport. A flat pack piece of furniture with visible screws for easy assembly. The furniture has been produced with wood from fencing and fabric, both 100% recycled. The armchair is delivered in a flat format that facilitates its transport and is assembled by means of a simple process using lace and ropes, screws and nuts. It can be adapted for outdoor use.

Design

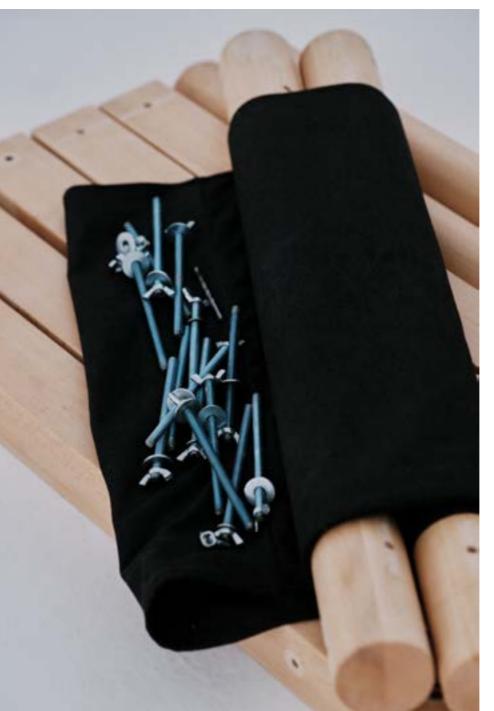
Adriane Escarfullery for LOOP Design and Circularity

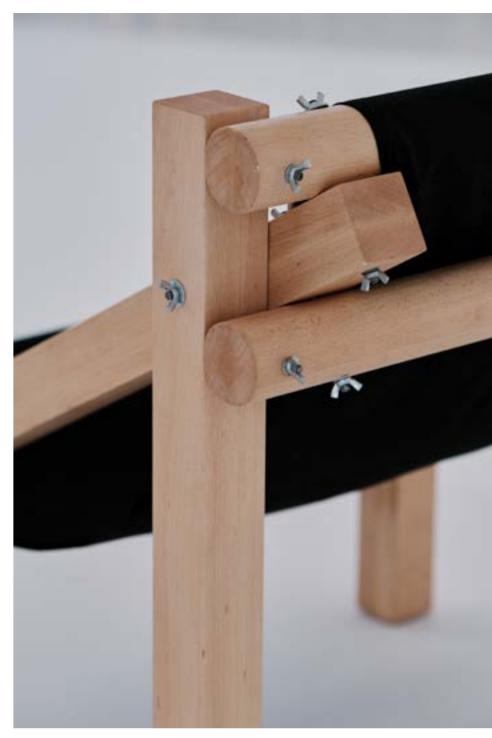
Post-consumption materials by Deixalles

Reused beech wood Grey canvas fabric

Production

Carpentry _ Fusteria Ebenisteria Escaire Upholstery _ Fundació Deixalles Sewing workshop

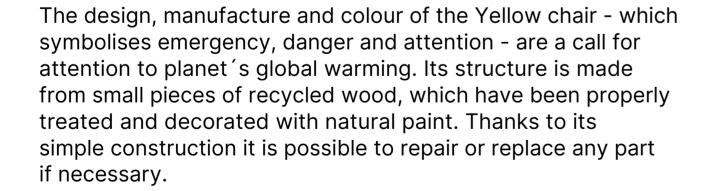






YELLOW CHAIR

ADRIANE ESCARFULLERY



Design

Adriane Escarfullery for LOOP Design and Circularity

Post-consumption materials by Deixalles

Reused beech wood

Production

Carpentry _ MAC Insular







DEEP BLUE SEA ARMCHAIR

ADRIANE ESCARFULLERY

Designed to recycle all maritime textiles, such as beach hammocks, boat sails and all types of wood. Its design consists of small pieces of recycled wood and the hanging backrest is made of fabric, which allows it to adapt perfectly to the body. Depending on the materials used, it can be adapted for outdoor use. Produced by Fusteria i Ebenisteria Escaire and Fundació Deixalles sewing workshop.

Design

Adriane Escarfullery for LOOP Design and Circularity

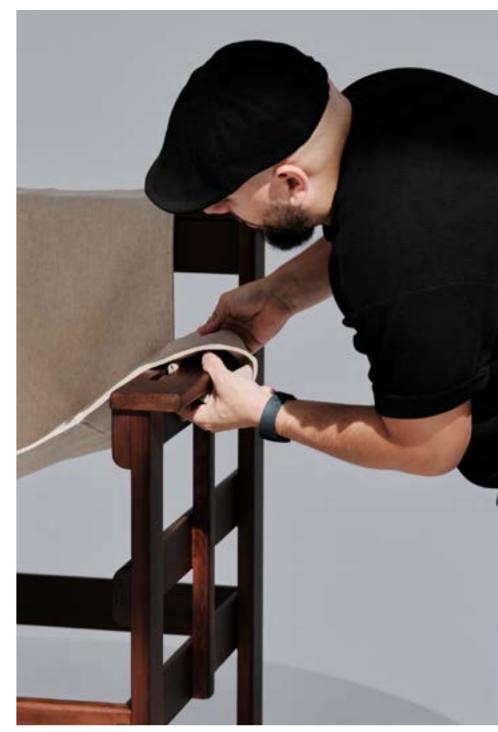
Post-consumption materials by Deixalles

Reused beech wood Re-used beach canvas

Production

Carpentry _ Fusteria Ebenisteria Escaire Upholstery _ Fundació Deixalles sewing workshop







AMARAR

Amarar is a company that designs and manufactures furniture made of wood of respectful origin. Faced with the climate crisis and the scarcity of resources and energy, the only possible future for the island is to consume less and consume better: self-sufficiency and sustainable use of what we are able to generate or recycle. Amarar creates synergies between various actors: foresters, sawmills, carpenters, designers, architects, social entities, institutions, consumers and the general public to achieve the circularity of the entire manufacturing process. Amarar is a project by Aulets Arquitectes and Fusteria Galmés.

Amarar's aim is to use wood from the island's local resources, in this case wood from the forests, and at the same time to do it without extractive construction materials that generate externalities. By using local wood, this project aims to care for the forests of the Serra de Tramuntana while reducing the importation of wood. An analogy that in the case of LOOP has been transferred to discarded wood, since instead of being burned, its life is extended through design.



ARMCHAIR TO BE UPHOLSTERED

AMARAR

The structure of the armchair has been constructed from different pieces of wood collected by Deixalles and designed so that it is always identical. On the other hand, the fabric, which also comes from the Foundation, changes according to stock, making the most of existing resources.

Design

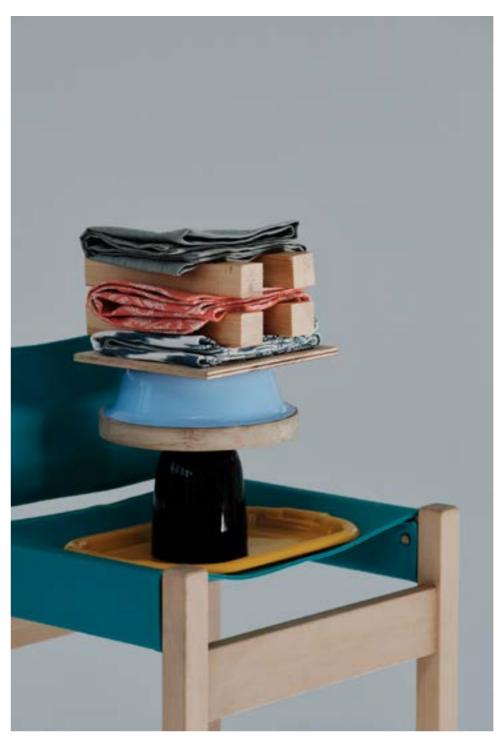
Amarar for LOOP Design and Circularity

Post-consumption materials by Deixalles

Reused beech wood structure Reused mattress fabric Re-used tongue cloth Reused grey canvas Leatherette sofa cover

Production

Textile workshop _ Fundació Deixalles Carpentry _ MAC Insular







ARMCHAIR MADE OF SLATTED BED FRAMES

AMARAR

This is a wooden structure combined with slats from reused bed bases, especially from the beds that are being replaced in the Balearic hotel industry in favour of elevating beds that facilitate the day-to-day work of the staff in charge of cleaning the rooms. The structure is always the same, but the slats change depending on the materials from discarded bed bases that the Fundació Deixalles receives.

Design

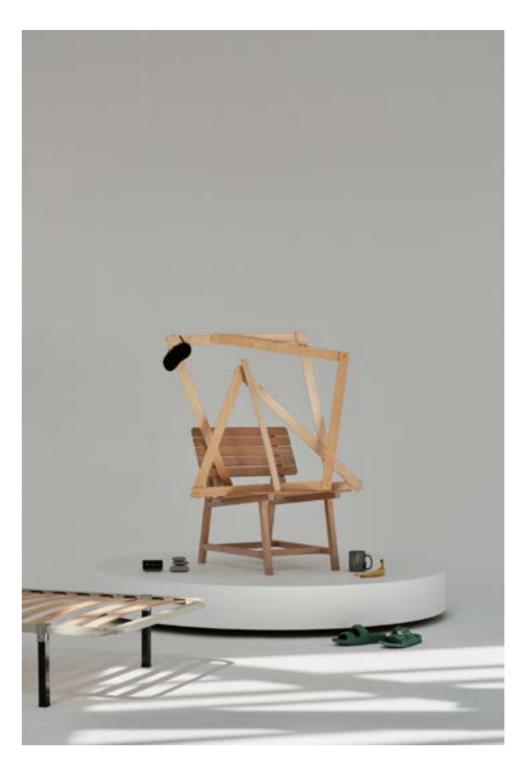
Amarar for LOOP Design and Circularity

Post-consumption materials by Deixalles

Beech bed base slats Reused beech wood structure

Production

Carpentry _ MAC Insular







SARA REGAL

Sara Regal is a Galician designer based in Mallorca, specialising in material research and sustainable practices applied to objects and spaces. She develops intuitive methods with an experimental approach to materials and production methods, with a strong influence of chromatic trends and a strong artistic focus. After completing her master's degree at ECAL and completing a design residency in Hong Kong she started working for the Spanish brand Camper. Recently she has started her independent practice with a workshop in the countryside of Mallorca, and there she experiments with material remnants creating recycled pieces. The workshop work is carried out simultaneously with interior design and art direction. Recently his work has been exhibited at the New York Design Week, Salone del Mobile and Vitra House among others. In 2022 he received the Galicia prize for innovation and design in the category of emerging talent.



LANTERNS

SARA REGAL

Sara has designed and produced two lanterns with leftover pieces of Deixalles lamp frames. The idea that Sara always had in mind when tackling the project was to create a product that was easy to produce but with its own character. To this end, she developed two patterns to suit the existing material in the Foundation's lighting department. Through the sewing and the discarded structure and a simple technological connection, he has created a table and a pendant model, adaptable in terms of size, which flee from rigidity and inspired by paper lamps. In addition, the structures can be customised in wood.

Design

Sara Regal for LOOP Disseny i Circularitat

Post-consumption materials by Deixalles

Recovered canvas Recovered metal structure Reused cable, bulb and switch

Production

Sara Regal







JULIÀ PANADÈS

The third stage of LOOP Design and Circularity is nourished by discarded materials which, converted into resources, are a source of new products. In line with this philosophy, the Deixalles Foundation's warehouse was used to shoot the photographic campaign with the aim of creating a set that would establish a dialogue between the new products designed and the recovered objects. The creative direction was curated by the talented Julià Panadès, who works with installation sculpture using concepts such as irony, the absurd and humour with objects abandoned in the street or rubbish found on the seashore.

Design

Julià Panadès for LOOP Disseny i Circularitat Post-consumption materials by Deixalles ojuliapanades





Through an agreement between IDI and Fundació Universitat i Empresa Illes Balears (FUEIB-UIB) a line of textile research has been set up.

Applying the principle that everything is a resource, the Grup de Recerca de Construccions Arquitectòniques i de Enginyeria d'Edificació of the UIB opens a line of research from these local waste materials to develop rigid blocks obtained by cold pressing, made from shredded recycled clothing and natural binders for insulation.

From shredded clothing, the challenge is to compact it into panel form for use as thermal insulation. In this way, the clothing once again performs its function as a thermal protector in a second life, in this case incorporated into buildings. The product developed incorporates an ecological organic binder that gives it properties such as cohesion and fire resistance.

Careful research work will make it possible to decide whether the project makes sense in order to subsequently link it to companies and organisations in the region.

https://www.uib.es/es/ https://fueib.org/



LOCAL WORKSHOPS

Circular economy production boosts the demand for local skills and talents. Craft workshops are a fundamental part of the area's local economy and an essential tool for the development of circular production as well as for the socio-occupational integration of vulnerable groups through the reuse of objects and waste.

Carpintería MAC Insular - Taller de costura Fundació Deixalles

https://www.deixalles.org/

Through its own sewing workshop and the carpentry workshop resulting from the alliance with MAC Insular, Fundació Deixalles recovers discarded fabrics and wood in an upcycling process that transforms these materials into new products. The sewing workshop employs a monitor and two people in a situation of vulnerability with a work insertion agreement, and a worker with the same type of contract also works in MAC Insular's cabinetmaking workshop. Combining the social and productive streams, the foundation focuses on transformation, reuse and recycling to create new products and new opportunities.

Es Ministeri textile workshop

https://www.esministeri.com/

Es Ministeri is a multidisciplinary collaborative workshop that encompasses workshops and consultancies with the purpose of developing the potential of entrepreneurs. Its aim is to support new designers through tools and knowledge. In the third stage of LOOP, Maria Crespí has collaborated in the project offering technical consultancy and production to Paula Chacartegui, Marga Payeras and Jandro Bonet.

Fusteria Ebenisteria Escaire

https://www.instagram.com/camperworksmallorca

Fusteria Ebenisteria Escaire is a small, qualified team of carpenters and joiners based in Sineu. They come from different countries, so their approach to each project is plural and enriching. They use high quality materials and traditional techniques. They are characterised by their perfectionism in the finishes and the search for new challenges.

In total harmony with LOOP, they believe that care for the environment is essential and they are committed to the recovery of wood. The freedom they had when choosing the materials for producing LOOP contributed to providing a simple but richly nuanced finish.

POST-CONSUMPTION MATERIALS SHOP

The materials used to make the products come from the collection service of Fundació Deixalles, which carries out a great task as a generator of resources and a shop for the future of materials.

Beech bed base slats, reused beech wood, reused towels, reused beach canvas, reused polyester fabric, reused tripod joint piece of industrial screws, reused nautical sail, textile from curtains in the Horeca sector, vegetable tanned leather recovered from the hotel industry, reused polyester fabric, reused nautical sail, recovered awning canvas, industrial screws tripod joint piece, recovered foscurit-reinforcement fabric, recovered mosquito netting mesh fabric, gennaker boat sail fabric from nautical waste, recycled sheet, reused grey canvas fabric, reused mattress fabric with flowers, reused reed cloth, reused tongue and groove fabric and eco-leather sofa cover.

https://www.deixalles.org/

ACKNOWLEDGEMENTS

We are grateful and honoured to have created together with Fundació Deixalles, the designers, the participating workshops, the University of the Balearic Islands and external collaborators this experiment, as a seed, which, as it takes shape, is proving to be extremely satisfactory.

We hope that this initiative will have continuity within this philosophy, that designers can collaborate in this circular direction and that more sectors, companies, and entities will join in.

LOOP wants to continue improving the conventional way and that emerging designers, independent, small industries and local producers are part of this adventure.

CREDITS

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Joan Gayá, Maria Suau

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MAC Insular Carpentry
Sewing workshop Fundació Deixalles
Es Ministeri sewing workshop
Fusteria Ebenisteria Escaire

Product design:

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Amarar Tramuntana
Cecilia Sörensen
Jandro Bonet
Margarita Payeras (Suro Swimwear)
Nico Guevara Studio
Paula Chacartegui
Sara Regal

Research using textile waste materials:

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