



# SUSTAINABILITY CHARTER

# Less is more

For the past 20 years or so, we have been convinced that inventing more eco-friendly exhibition solutions is the key to building the event industry of tomorrow.

Concretely, our industry must move away from the model of conventional single-use booths and adopt an approach of modular, lightweight and endlessly reusable booths.

At Duo, we have worked to improve our entire production cycle to reduce the environmental impact of our booths by making them modular and reusable, and to respond to the new ways our customers are using them.

# Our responsible booth solutions

## Do better...

- Create **modular and lightweight booths** that can meet all market needs
- Aluminum frames can be **reused endlessly**, only the fabric graphics need to be updated.
- They are completely **repairable**, thanks to the spare parts that are available.
- The booths are **easy to assemble**, requiring no tools, glue or crimping.
- The fabric we use is **made from recycled fibers**.
- **We make our products in France**, and the materials are sourced primarily from Europe.
- Duo features a **rental offering** to optimize the life cycle of our booths.

## ...With less

- Aluminum frames are the **lightest and most compact on the market**, and require fewer raw materials to produce them
- Assembly can be performed with a **minimum of personnel, in comfortable conditions (pre-assembly in the workshop)**
- Light and compact frames **consume less CO2 during transport**. Depending on a customer's needs, often only the fabric graphics need to be shipped.

# Our principles

## 5 key commitments

- 1- Prioritize the use of raw materials and finished products that are recyclable, recycled or biodegradable.
- 2- Minimize the impact of manufacturing on the environment thanks to more eco-friendly machinery and an optimized production process.
- 3- Reduce environmental impact when using our booths with a logistical approach of “storing frames near exhibition venues”
- 4- Promote the reuse and “repairability” of our solutions.
- 5- Ensure the recyclability of raw materials and products sold and encourage non-recycled graphics to be transformed into objects.



# Timeline / Environment

## Our actions since 2007

2007 – Life cycle analysis of **Duo** products and implementation of an environmental charter

2010 – Installation of 788 solar panels equivalent to 1660 m<sup>2</sup> of roofing for an annual production of 200 MW

2011 – Duo receives the Imprim'Vert label

2015 – Elimination of halogen spotlights, **Duo** begins to only sell LED solutions

2016 – Establishment of frame storage areas near exhibition venues. Transition towards a dematerialized booth offering.

2017 – Green electricity produced from 100% renewable energy

2018 – Installation of 370 additional solar panels equivalent to 592 m<sup>2</sup> of roofing for an annual production of 139 MWh

2022 – **Duo** product life cycle analysis

2023 – Start of certification procedures



duo.

DO MORE PROJECTS  
WITH LESS RESOURCES



duo.

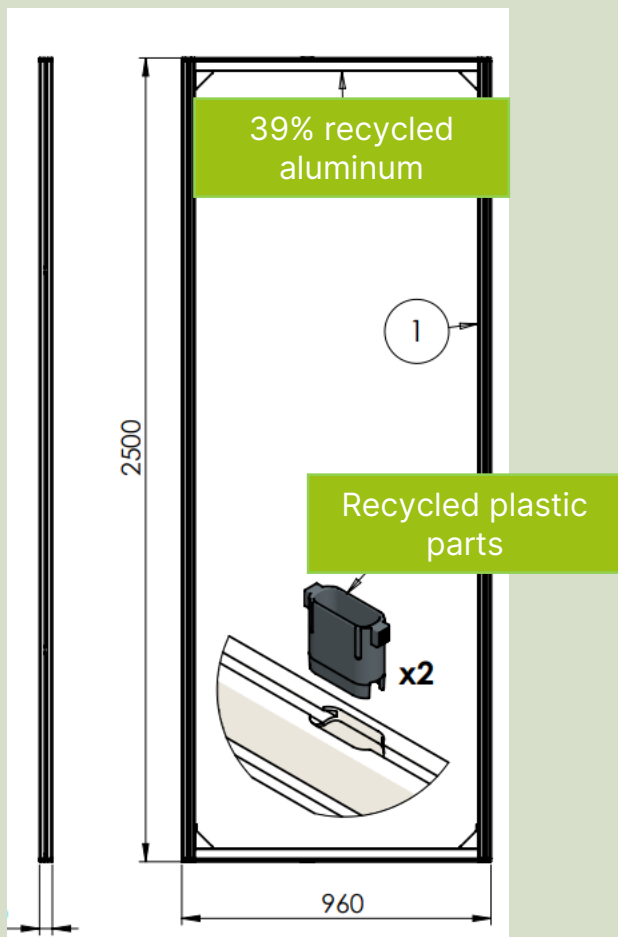
MODULATE  
CREATE  
RE-USE



DO MORE WITH LESS



# It all starts with an eco-designed frame



*Our **Panoramic H-Line** booth range has been designed to have the lowest environmental impact at all stages of its design.*

Aluminum profiles are mainly manufactured in **Europe** from **recycled and recyclable aluminum**.

**Aluminum frames** feature the right balance of materials to be as strong as they are lightweight.

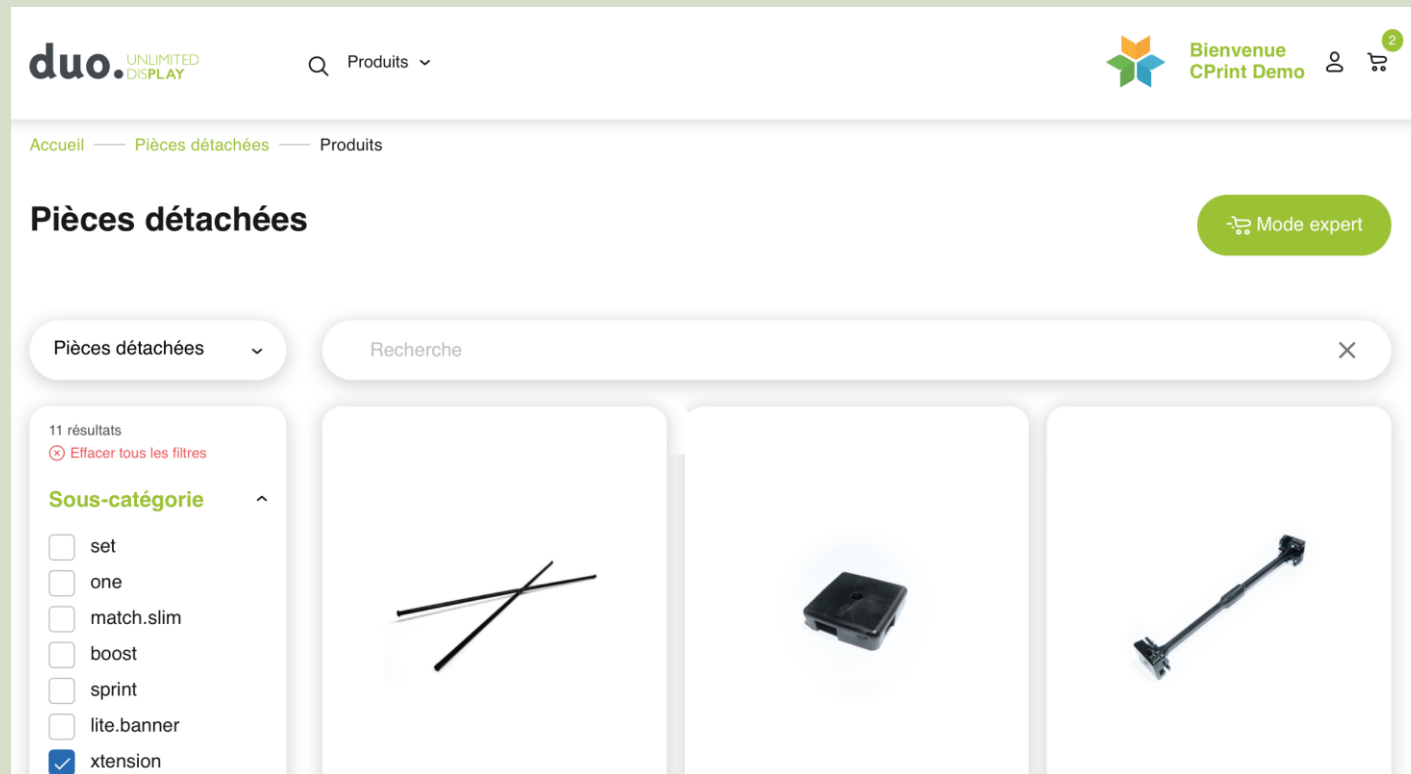
**All frames are repairable**, with spare parts available for purchase.

**Reuse is at the heart of our modular booth principle.** Frames can be repurposed for a range of various needs by reconfiguring them and switching out the fabric graphics. They may also be rented.

The frames are **made in Lansargues, France**, where the energy used is 100% renewable. Most of the site is powered by solar panels installed on the roof, and our needs are supplemented by our **100% renewable electricity** contract.

# Promote repairability

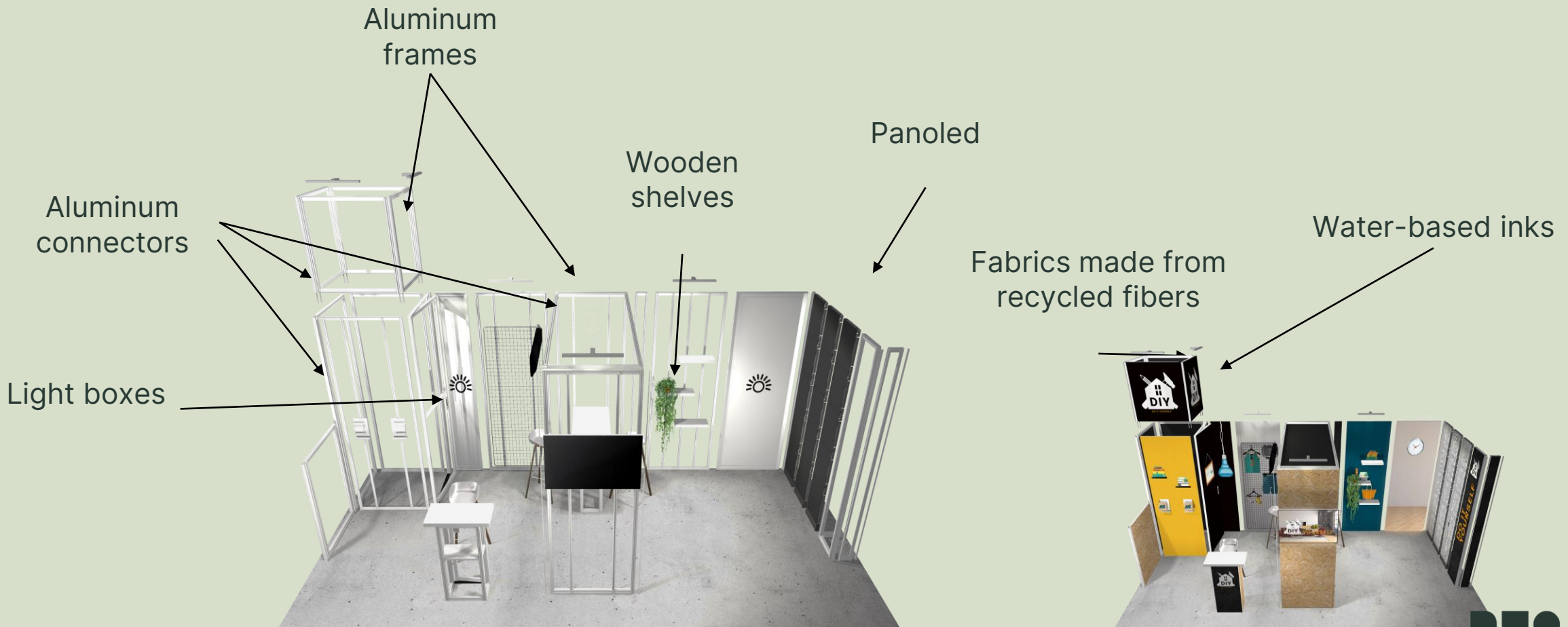
A limited, controlled range promoting reuse, graphic updates and repairability.  
The main spare parts can be ordered directly from the [shop.duodisplay.com](https://shop.duodisplay.com)  
platform [shop.duodisplay.com](https://shop.duodisplay.com)





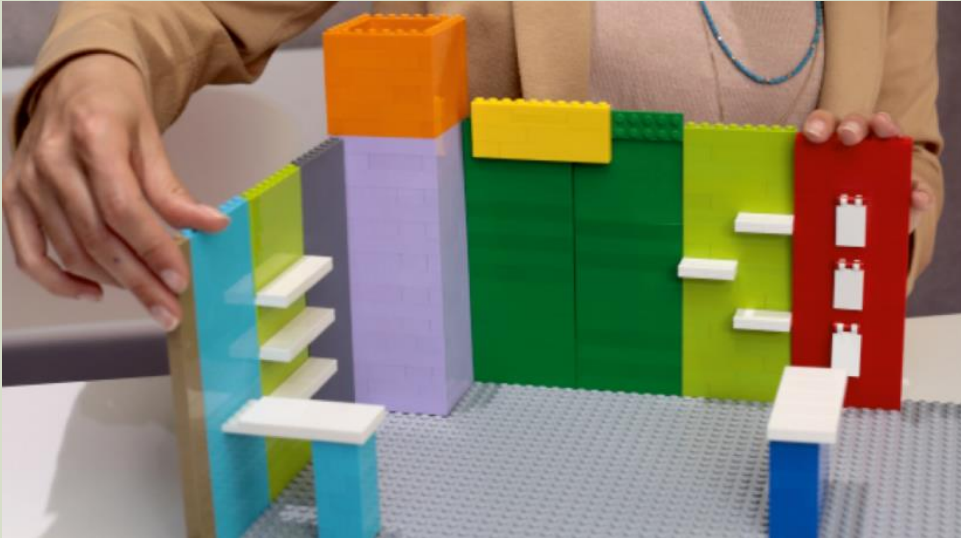
# From the frame to eco-designed booths

*Our products have been designed to use just the right number of resources: not too many or too few.  
No glue is used between the materials to allow for easy sorting and recycling  
No residual waste is used during assembly: use of reusable packaging*



# Modular booths for endless uses

Our booths featuring ultra-modular frames make it possible to create reusable booths. This marks a transition towards dematerialization of booths (usership vs ownership)



Our modular booth solutions are available **for purchase or rental**.

In both cases, **the frames can be reused many times and are stored close to exhibition venues** for minimal environmental impact.

**All parts are repairable**, and most are **recyclable**.

In 2023, we are working towards **recycling of polyester fabrics** so that they may be repurposed, a first for this type of material.

aisle  
CES

La FRENCH TECH

Choose France

EUREKA PARK  
60600 aisle

Choose France

welcome to the French pavilion

Choose France

welcome to the French pavilion

BUSINESSFRANCE

BUSINESSFRANCE

G  
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E 11



# Durable graphics

- Fabrics made from recycled fibers

On average, it requires between 15 and 25 plastic bottles to make 1 m<sup>2</sup> of recycled fabric. Fabric graphics contribute 65% less to global warming than paper graphics and 40% less than canvas graphics

- Solvent-free, water-based inks, an eco-friendly and non-hazardous solution for our employees
- Our company has been recognized with the "Imprim'Vert" label since **2011**

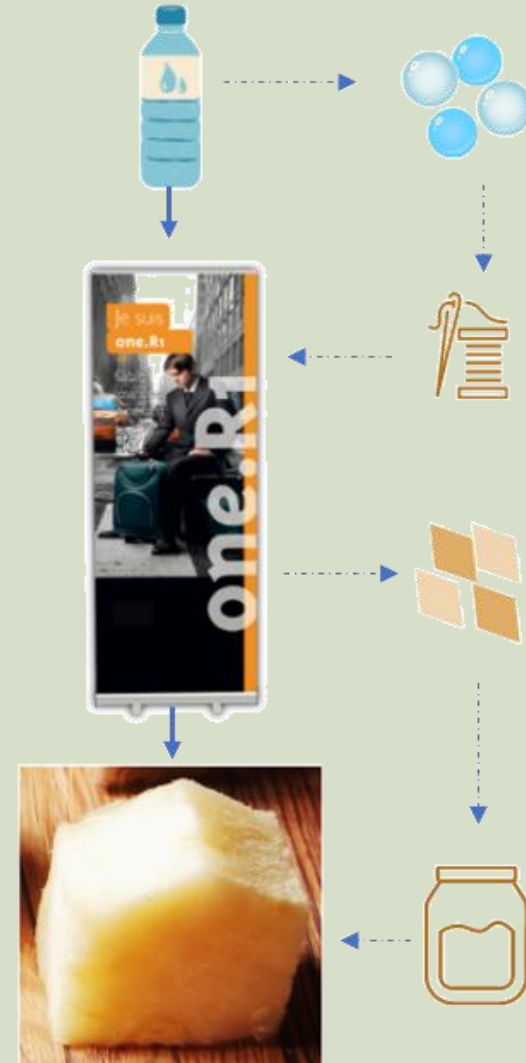


# Recyclable fabrics

## Insulating fabrics

Starting in 2023, after 2 years of working with a research institute, DUO is now able to recycle all these **insulating polyurethane** fabrics.

Thanks to this innovation, now **all the materials produced in our factory can be recycled**, from aluminum frames to fabrics and spare parts.



# Upcycling, repurposing waste through reuse



Over the past several years, we have developed a **partnership with the Gammes association: we give our all fabric and graphic scraps** to their Interlude workshop.

The objective is twofold:

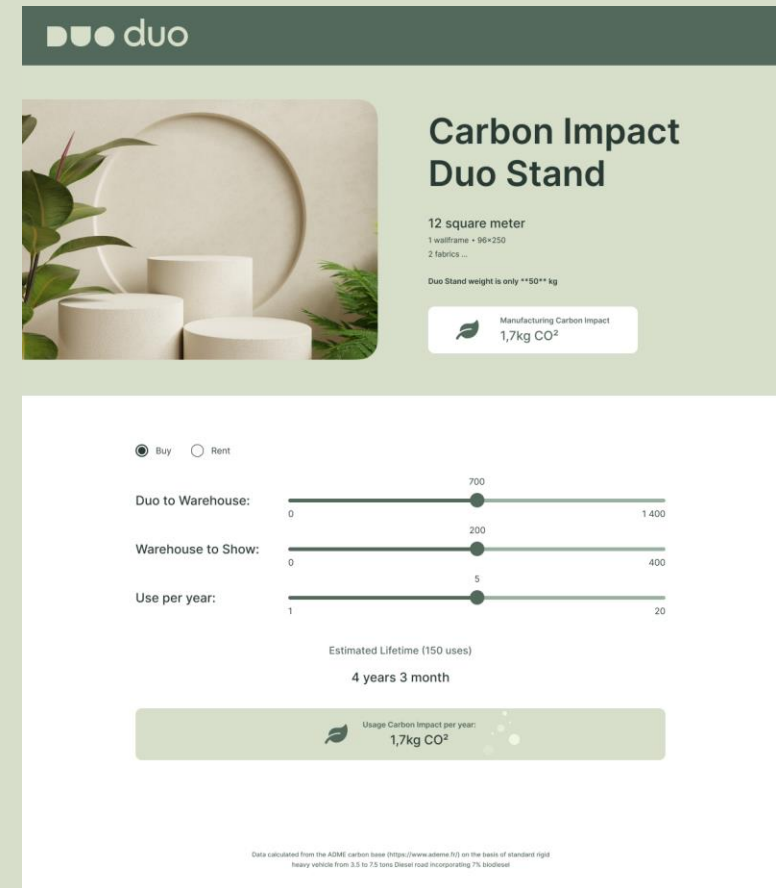
- **Repurpose waste:** the Interlude workshop creates and manufactures bags, pouches and accessories using fabric scraps and recovered items.
- **Promote professional integration:** the people who manufacture these accessories gain access to employment and benefit from technical and socio-professional support.

The association is thus helping to create **new economic sectors in the area of the environment: that of waste repurposing through reuse.**

# Life cycle analysis 2007 - 2022

- An initial LCA was carried out in 2007 with the creation of an action plan at the end
- A second LCA was carried out in 2022 to measure our room for improvement and ability for implementation
- In 2023, our customers will be able to learn the environmental impact of their configurations according to criteria such as purchase / rental, distances traveled, etc.
- **Objective:** to enable our industry, from Duo to our exhibitors, to make the right choices to improve their environmental impact.

“If you can not measure it, you can not improve it”



# Energy management



## For our products:

Since **2015**, halogen spotlights have no longer been used, **Duo** now only sells LED solutions



## For our business:

At our Lansargues headquarters, more than 2,000 m<sup>2</sup> of roofing is covered with solar panels, and we supplement our consumption with 100% renewable electricity





Duo Industrie  
344, rue du jardin colar  
34130 Lansargues

+33 4 99 63 20 50  
[contact@duodisplay.com](mailto:contact@duodisplay.com)

[www.duodisplay.com](http://www.duodisplay.com)