

HER

created with and for nature

chemical-free

feasible

scalable



Market-validated solution

*4 letters of interest can be provided upon request.



Problems we solved in biofabrication;

Plastic-like quality and odor

high prices

Scale-up and
Green Transition challenges

HER offers;

One production line → 3 products → multiple industries

100%
Natural texture
In line with regulations

Competitive
end prices

Easy to scale up
Industrially adapted

HER MVP



3 Products from 1 production line

HER

Ongoing patent process

Leather-like bacterial cellulose

HERSister

Pure bacterial cellulose
biomass improvement

Market extension capacity

HERCycle

Pioneer in the industry

Roll-to-roll bacterial cellulose
biofabric production.

*Produced from residues without
toxic chemicals.*



Showcasing Quality & Diversity



Validated square meter production capacity



Roll-to-roll bacterial cellulose-based biofabric production capacity

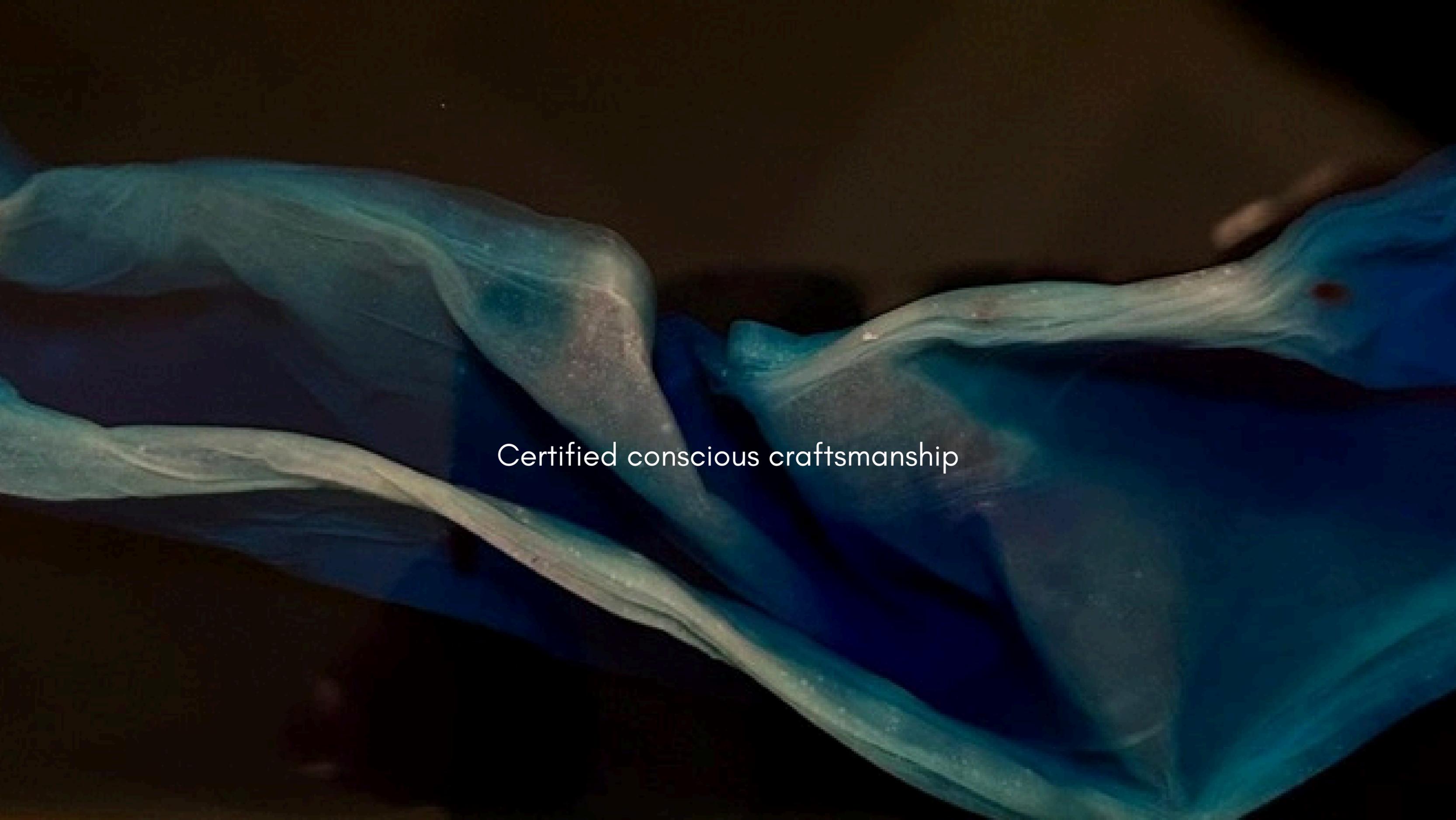




Without the use of petrochemicals;
We can upcycle all the waste as byproducts.

Such as;

- Liquid plant fertiliser for hydroponic
- Plant soil for agriculture
- Food supplements



Certified conscious craftsmanship

Strength Reports

*Reports can be provided upon request.

TESTS	MAX. FORCE RESISTED	REQUIREMENTS for sewing jacket
STITCH TEST (ISO 13935 - 2)	575 Newton	40 N. - 60 N.
TENSILE STRENGTH (ISO 1421 meth. 1)	995 Newton	150 N. - 200 N.
BALLY (abrasion test)	10.000 - 20.000 cycles	20.000 - 50.000



Accredited Chemical Reports

*Reports can be provided upon request.

TESTS	Unit of Measurement	RESULT	LOD
60024 AZO UNI EN ISO 14362- 1:2017	mg/kg	Not Detectable	2
60164 PHTHALATES UNI EN ISO 14389:2023	mg/kg	Not Detectable	10
FTIR	-	Raw biomaterial -Cellulose-	-

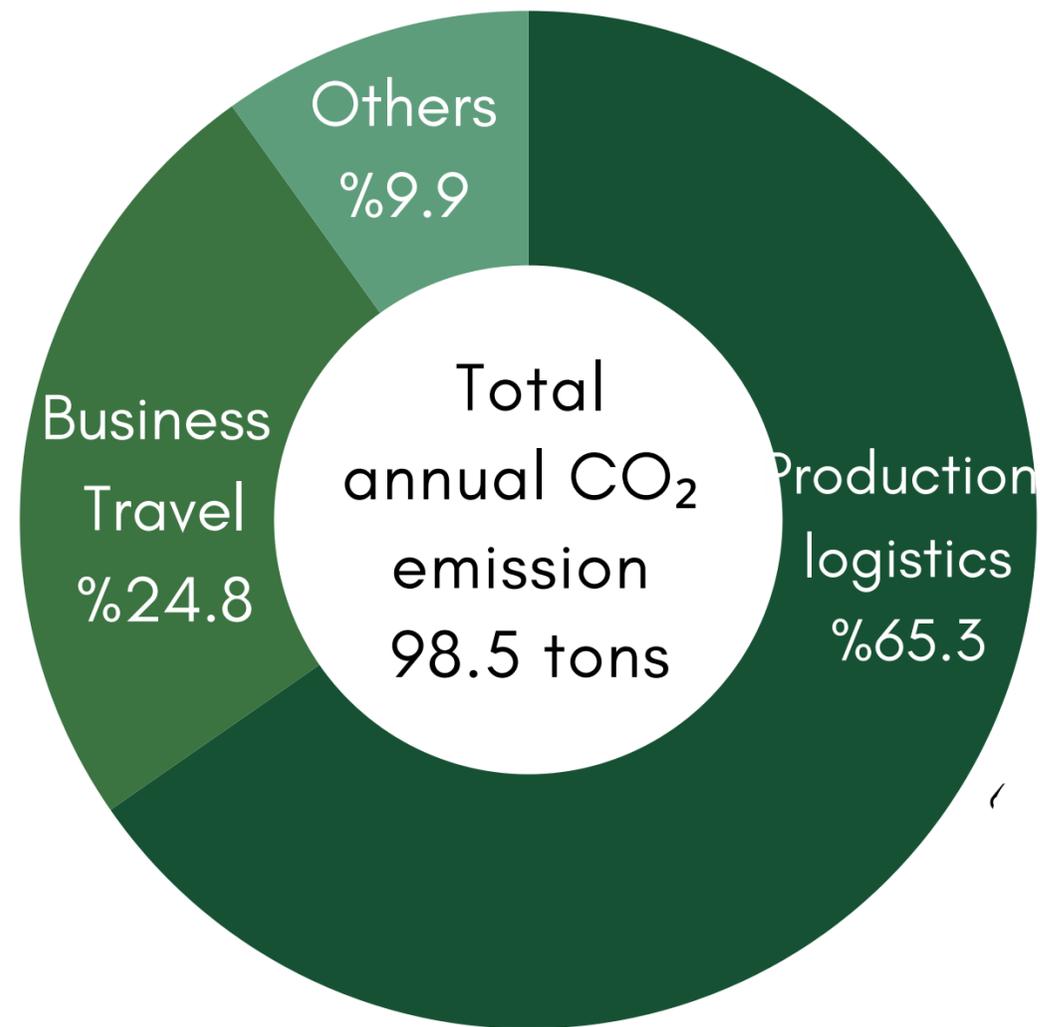


**PHTHALATE
FREE**



Leading Position in Its Industry Through a GHG Protocol-Verified Low-Carbon Production Analysis

Detailed CO₂ Emissions Analysis



- Scope 1 (Direct Emissions): 0.5%
- Scope 2 (Indirect Energy Emissions): 1.5%
- Scope 3 (Other Indirect Emissions): 98.0%

- 20-30 times lower CO₂ emissions compared to conventional leather.
- 5-10 times lower CO₂ emissions compared to PU-based synthetic alternatives.
- Reduces annual CO₂ emissions by 1.45 tons through the use of 50% solar energy in production.
- A collaborative production line aligned with CBAM, ESG, and Green Transition regulations.



Potential Customers



Manufacturers
and
Fashion brands

Beachhead

-B2B-



Researchers
and
R&D Companies

Sold per square meter, and roll production.
The average price is 30-40€ per square meter

Patent Licensing

Mid-term plans

Certification Provider

Long-term plans

“ Regenerative bio-production
brand ”

Thank You!
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