



# RENATURE

Attractive Materials

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LET US RENATURATE SOFT MATERIALS ■



[www.renature-materials.fr](http://www.renature-materials.fr)





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I felt a sense of responsibility for  
the world's beauty.

**Marguerite Yourcenar**

The memors of Hadrien





# About

Co-founded in 2020 by Fanny Deléage, Renature (formerly La Tannerie Végétale) emerged from her recognition of the threats posed by microplastic pollution to both human health and the environment. As a doctor in chemistry and materials science, she drew inspiration from the chemistry of leather to develop Phyli®: the first 100% biocircular flexible material.



# Our vision

A world that is both attractive and sustainable.

We envision a revitalized industry driven by a new generation of adaptable materials. These plastic-free substances feature a managed end-of-life, merging the strength of plant tannins with the inherent qualities of plant proteins, resulting in a product that is both aesthetically pleasing and durable.

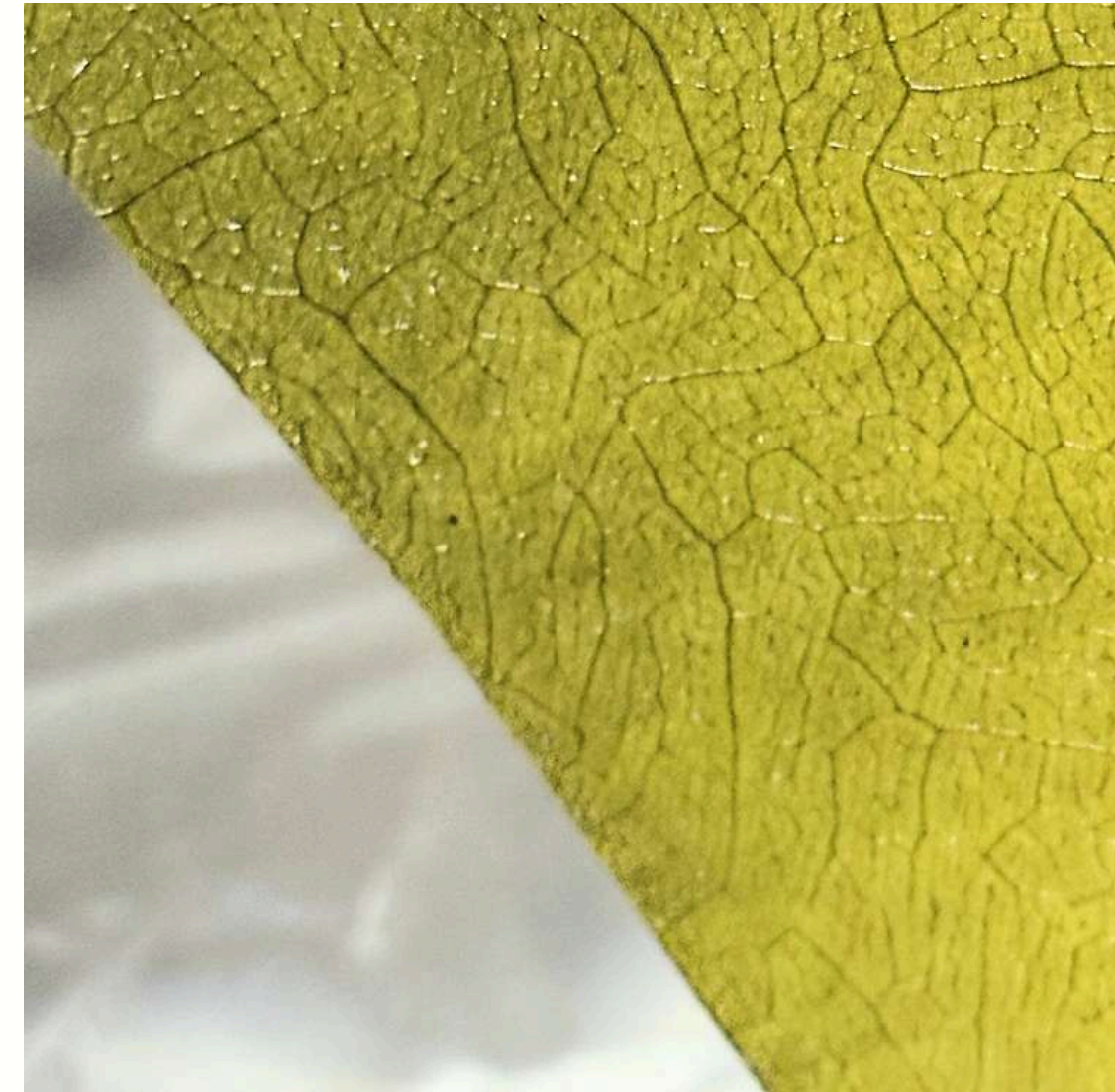


# Our mission



Revitalize soft materials!

In a world where our natural resources are increasingly at risk, innovation has become imperative. As an i-Nov winner of the France 2030 program, Renature is establishing itself as the technological partner for brands dedicated to addressing the challenge of decarbonizing industry, in a context where corporate social responsibility issues have never been more critical.

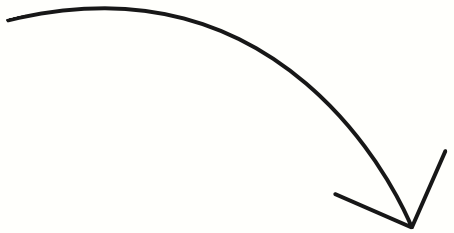


# Our solution

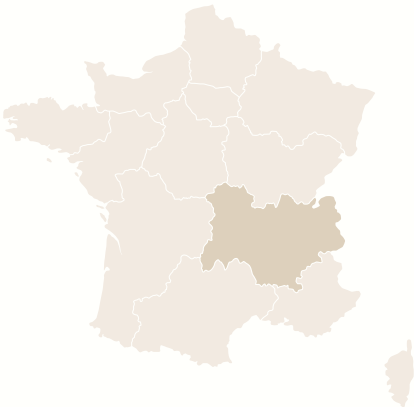
Phyli®: the first 100% biocircular flexible material.

Our patented technology merges industrial innovation with artisanal excellence, providing brands with a 100% natural alternative to soft materials like leather, synthetic leather, or rubber.

- ✓ **100% natural and plant-based**  
plastic- and solvent-free
- ✓ **Bio-sourced**  
agri-food co-products and by-products
- ✓ **Low carbon**  
-92% CO<sub>2</sub>; -89% Eutrophication.
- ✓ **Modular**  
customization (sheets, granules)



**Manufactured  
in Lyon** 



# Our solution

Phyli®: an innovative material inspired by biological principles.

**Texturants**

Cellulosic and mineral fillers, along with pH correctors, enhance its texture and provide resistance to humidity.

**Plant-based proteins**

Natural biopolymers, co-products of cereals and oilseeds, provide structural integrity.

**Fabric conditioners**

Polyols, fatty acids, and their derivatives, along with co-products from oil and wood, impart flexibility and recyclability.

**Natural dyes and pigments**

Plant extracts, agricultural waste, or mineral pigments that impart its color.

**Vegetable tannins**

Polyphenols derived from plants, marc, or agri-food waste confer durability.





# Our areas of expertise

Together, let us implement your innovations!

## Materials post

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To deploy Phyli® from a catalog or custom-made in limited series (<100 m2).

- **exceptional collections: design, packaging, interior design, point of sale.**

## Co-development center

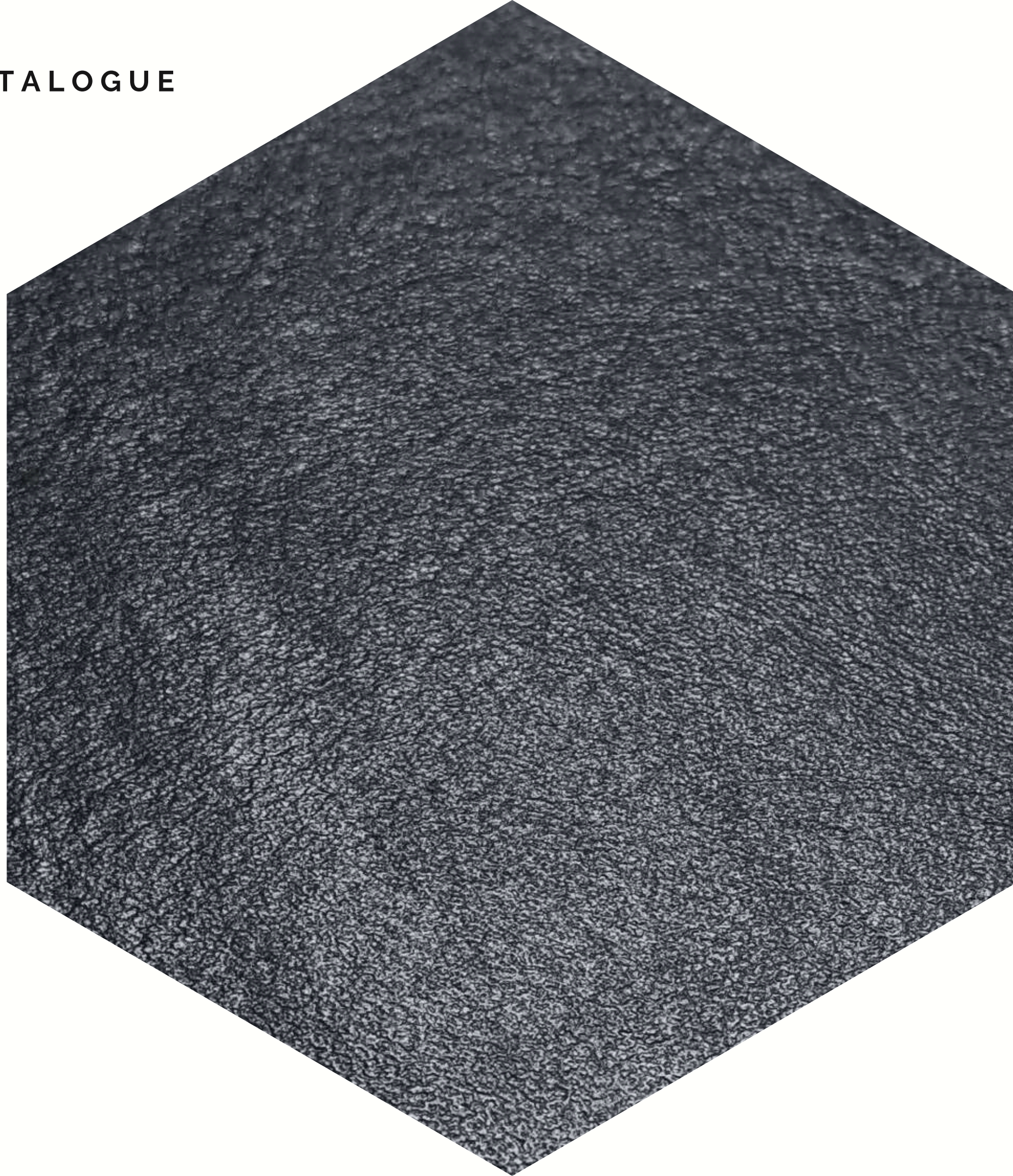
To industrialize Phyli® within the framework of a collaborative innovation initiative (rolls, granules, on support).

- **valorization of bio-based ingredients**
- **distinct formulation of the material**
- **industrial implementation of Phyli®**

# CATALOGUE

A curated selection of Phyli® available upon request.





# NOIR

- **Color:** black
- **Grain:** Venice (refined and sleek grain)
- **Thickness:** <0,5mm ou 1,1mm  $\pm$  0,1mm
- **Width:** 50 cm





# BRICK

- **Color:** terracota red
- **Grain:** dolly (leather-like)
- **Thickness:** <0,5mm ou 1,1mm  $\pm$  0,1mm
- **Width:** 50 cm





# OVERSEAS

- **Color:** ultramarine blue
- **Grain:** brush (textured effect)
- **Thickness:** <0,5mm ou 1,1mm  $\pm$  0,1mm
- **Width:** 50 cm





# ROUGE

- **Color:** red
- **Grain:** vine (textured effect)
- **Thickness:** <0,5mm ou 1,1mm  $\pm$  0,1mm
- **Width:** 50 cm





# TOMATO

- **Color:** tomato skin (derived from tomato skins)
- **Grain:** textile (fabric texture)
- **Thickness:** <0,5mm ou 1,1mm  $\pm$  0,1mm
- **Width:** 50 cm



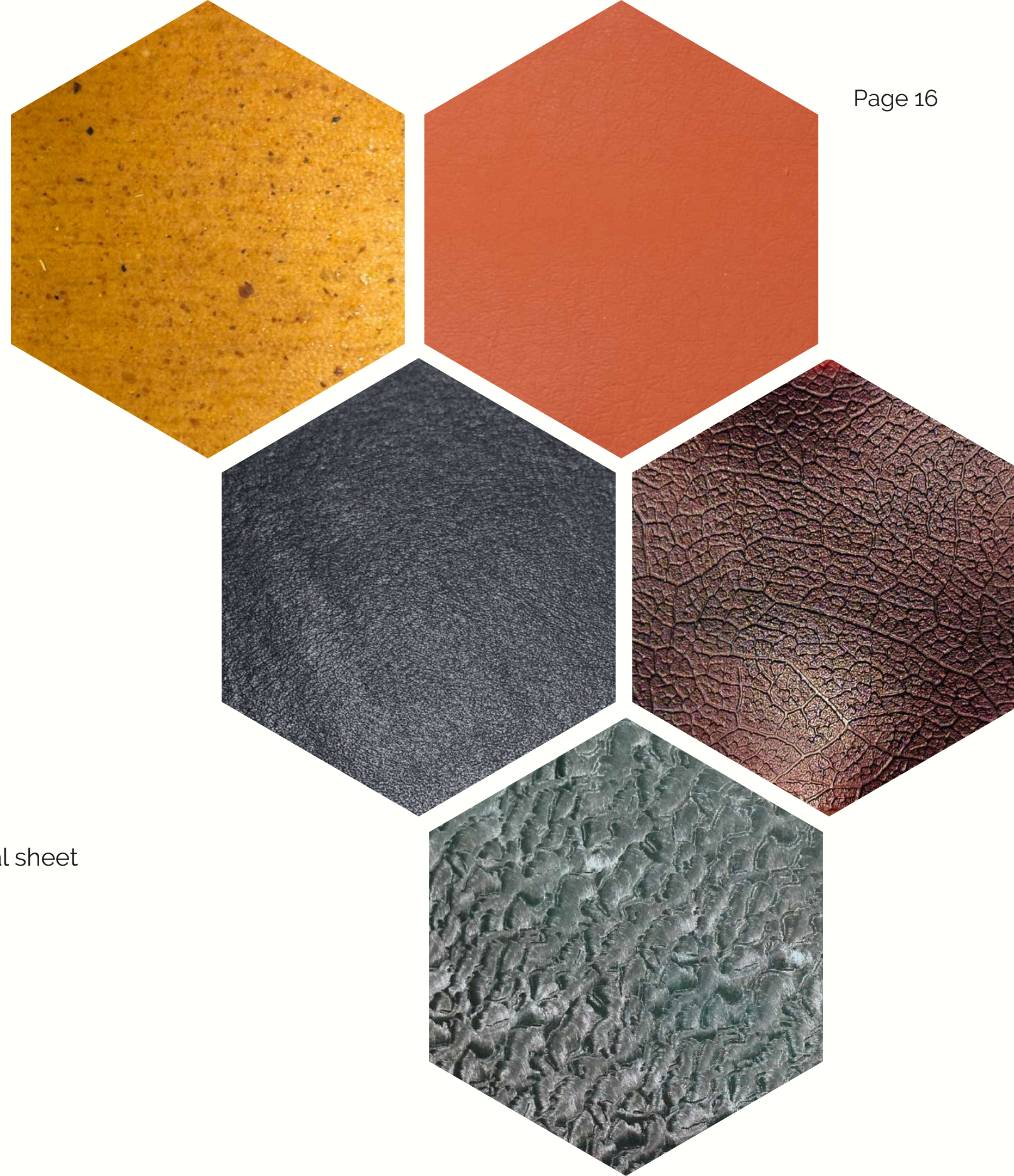
# ORDER

- **Width:** 50 cm
- **Thickness:** <0,5mm ou 1,1mm  $\pm$  0,1mm
- **Delivery times:** 4 to 6 weeks
- **Minimum quantity:** 10 m<sup>2</sup>
- **Price upon request:** starting at €99 excluding VAT/m<sup>2</sup>

## SAMPLE SET

- **Size:** 25 cm x 25 cm sheets
  - **Thickness:** <0,5mm ou 1,1mm  $\pm$  0,1mm
  - **Delivery timeframe:** within 2 weeks
  - **Minimum quantity:** three samples
  - **Price:** €149 excluding VAT + €39 per additional sheet
- **Partnership Proposal:** +1 sheet free

Appointment request





# BESPOKE

We customize our Phyli® technology to meet specific requirements, available in sheets, granules, or on a substrate (natural, textile, self-adhesive).



**Colours**



**Thickness**



**Finishes**



**Grain Hue**



**Flexibility**



**Waste recovery**

## FEASIBILITY ANALYSIS

- **Step 1:** orientation meeting
- **Step 2:** customized quotation
- **Step 3:** Implementation of the study
- **Price:** starting at €2,500, excluding VAT
- **Example of deliverable:** pre-industrialization sample defined in accordance with the established specifications.

**Appointment request**





# CO-DEVELOPMENT

We assist your innovation initiatives through a collaborative and synergistic approach, addressing your growth challenges while safeguarding the interests of all stakeholders.

- ✓ **exclusivity by realm**
- ✓ **confidentiality of communications**
- ✓ **monthly action reporting**

## COLLABORATIVE INNOVATION INITIATIVE

### ACTORS

- ingredientists: waste reclamation
- manufacturing: prototyping
- industrial: serial reproducibility
- brands: retail channels

### COMMON CORE

- Phase 1: R&D / Prototyping
- Phase 2: Industrial Trials
- Phase 3: Large-scale production
- Phase 4: Branding and Communication

### APPLICATIONS

- Design
- Packaging and Point of Sale Materials
- Injected accessory
- Decorative Elements / Furnishings





# Our applications

Phyli®: a solution that merges appeal with resilience



Premium packaging  
Jewelry and Timepieces



Design  
Interior design



Tableware  
Injected components





# In the press



**L'USINE NOUVELLE**

Challenge<sup>s</sup>

**Les Echos**

**LES PLACES D'OR**  
DESIGN & PACKAGING

**LE PROGRÈS**



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What if Renature transcended the  
concept of a brand?

***A movement.***

# Renature opens its capital

Join the initiative!

Today, we are advancing to a new level, and we have faith in the strength of collaboration. Whether you are a professional in flexible materials, an environmental advocate, an investor, or an engaged citizen, by becoming a partner, you are not merely endorsing an innovative material:

-  **You become an integral part of a future that we collectively select.**
-  **You are contributing to the transformation of our production methods.**
-  **You are engaged in an impact project.**



# CONTACT



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Fanny, CEO



Sixtine, Production  
Manager



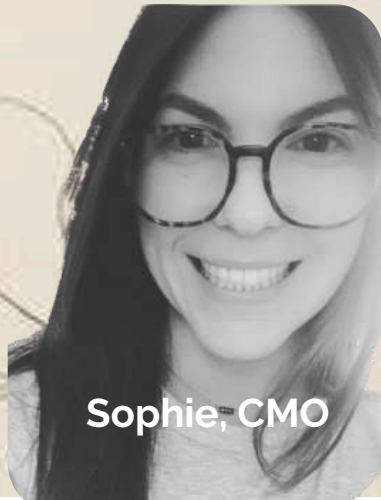
Marc, CIO



Isabelle, Biocircular  
Manager



Corentin, Ingénieur  
matériaux



Sophie, CMO

