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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



Fanny Deléage, PhD  
Co-fonder & CEO

# 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.

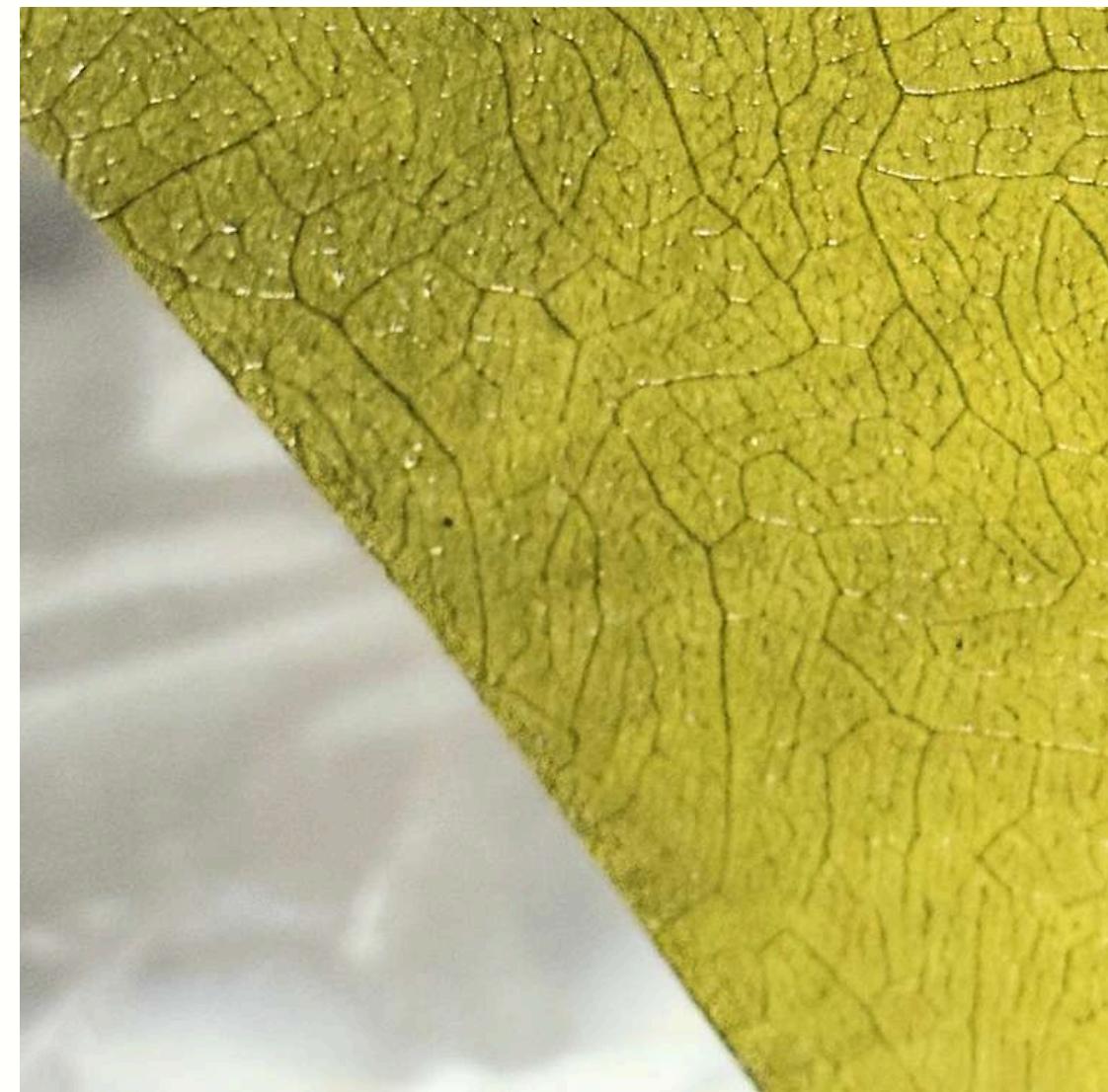
We envision a revitalized industry driven by a new generation of adaptable materials. These plastic-free substances feature a managed end-of-life, merging the strength of plant tannins with the inherent qualities of plant proteins, resulting in a product that is both aesthetically pleasing and durable.

# 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



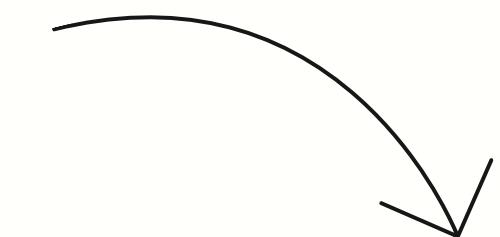
## Low carbon

-92% CO<sub>2</sub>; -89% Eutrophication.



## Modular

customization (sheets, granules)



Manufactured  
in Lyon



# Our solution

Phyli®: an innovative material inspired by biological principles.

## Plant-based proteins

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

## Natural dyes and pigments

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

## Texturants

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

## Fabric conditioners

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

## 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 m<sup>2</sup>).

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

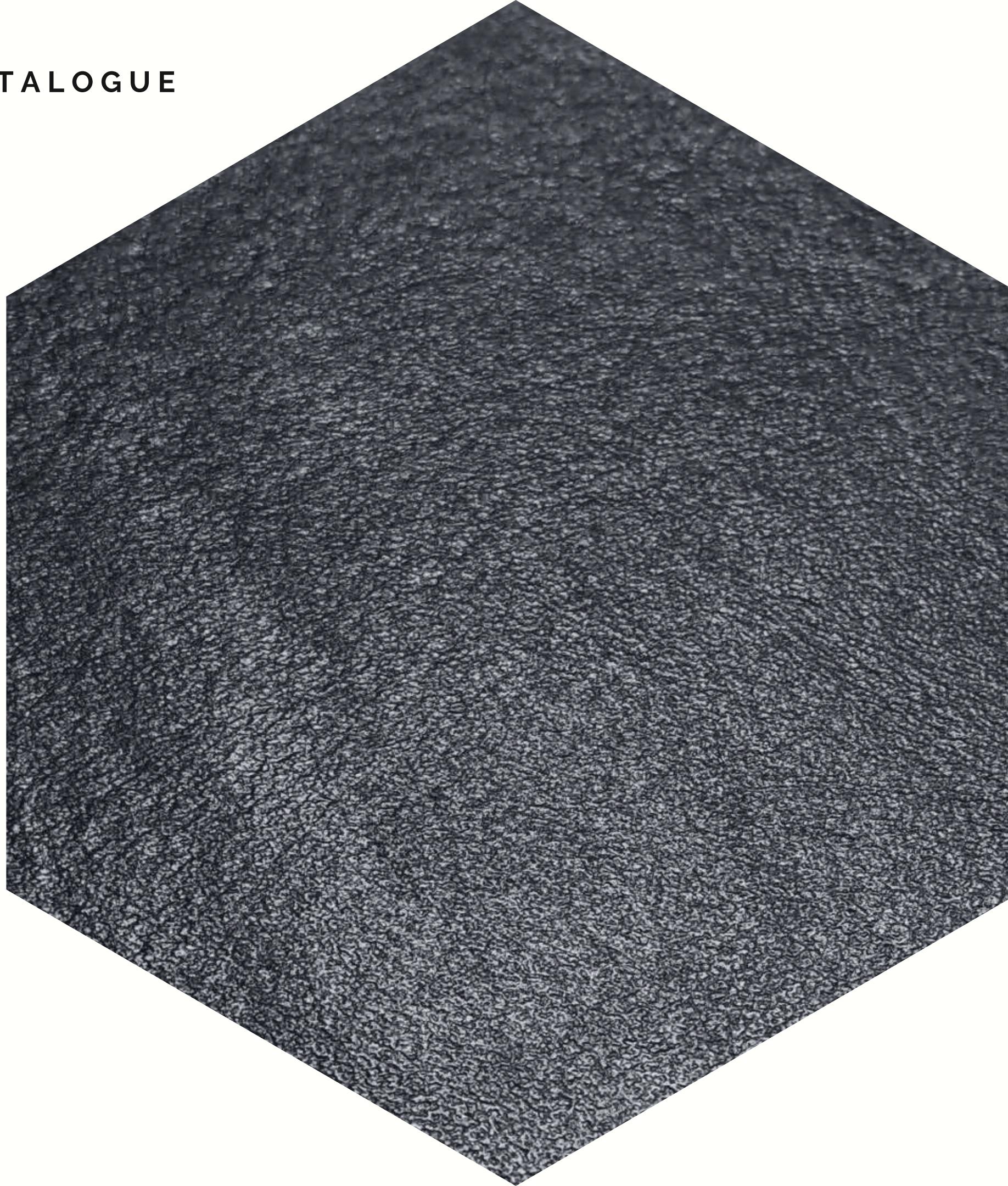
## Co-development center

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 ± 0,1mm
- **Width:** 50 cm



## BRICK

- **Color:** terracotta red
- **Grain:** dolly (leather-like)
- **Thickness:** <0,5mm ou 1,1mm ± 0,1mm
- **Width:** 50 cm



## OVERSEAS

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



## ROUGE

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



# TOMATO

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

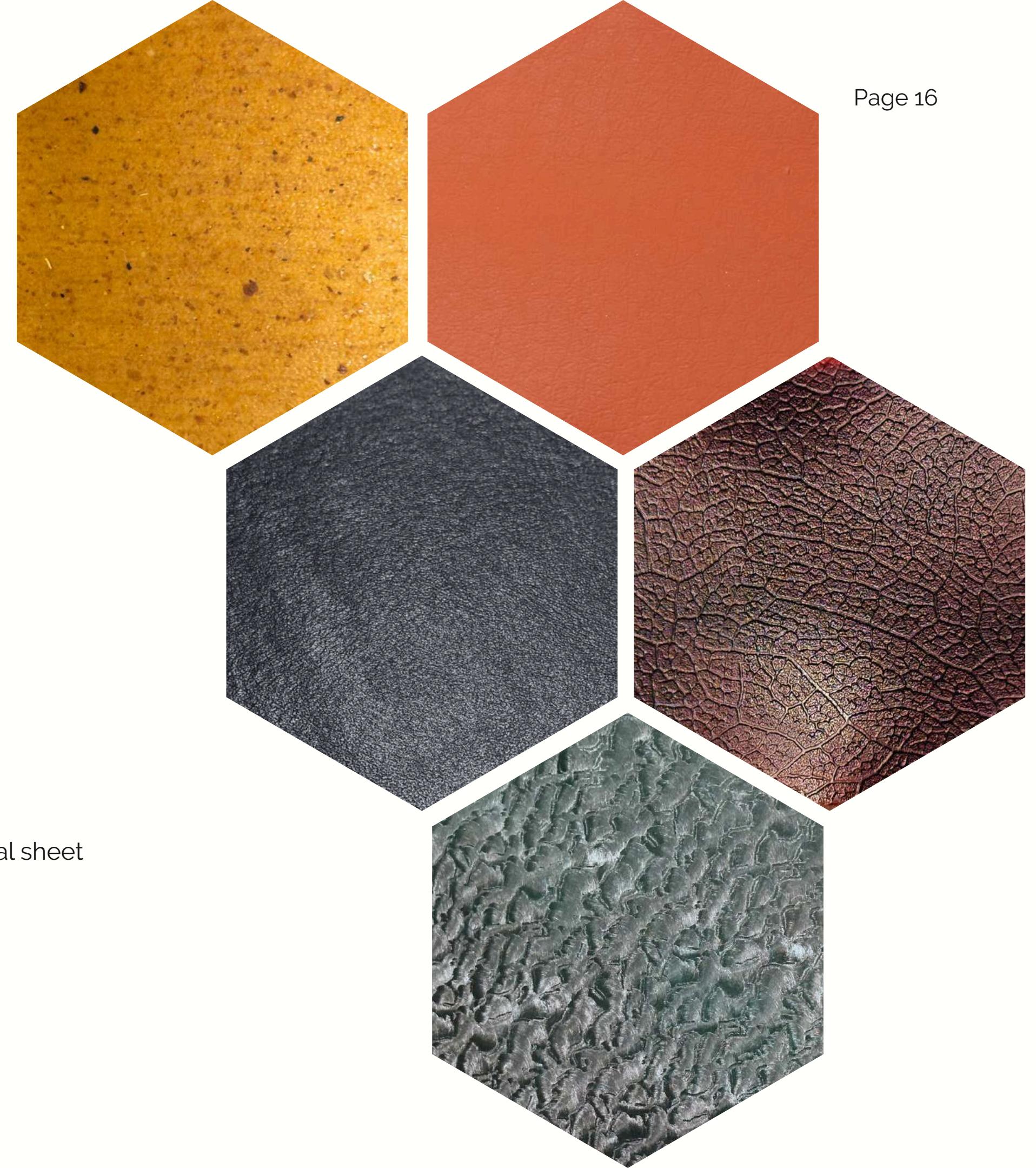
# ORDER

- **Width:** 50 cm
- **Thickness:** <0,5mm ou 1,1mm ± 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 ± 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**

 **Grain Hue**

 **Thickness**

 **Flexibility**

 **Finishes**

 **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**

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## 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



**Phyli, le matériau « 100% végétal » de Renature, veut conquérir le packaging de luxe**

La start-up française développe une alternative au cuir et au plastique à base de protéines et tanins végétaux, ciblant le secteur du...-Emballage

L'Usine Nouvelle / Sep 8

**L'USINE NOUVELLE**



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

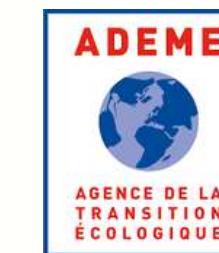
**Challenge<sup>s</sup>**  
**Les Echos**

**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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