



ORINEO, a matter of Impact and Authenticity

Power4Bio webinar, 19.01.2021

If you think you're
too small to have an

IMPACT



Try going to bed with a mosquito in the room

- awesome African quote -
- maybe a Dalai Lama quote -
- probably an old Chinese quote -
- definitely mine now! -

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Orineo, sustainability beyond bioeconomy!

Our vision

A world in which resources are never exhausted and quality of life is guaranteed for future generations

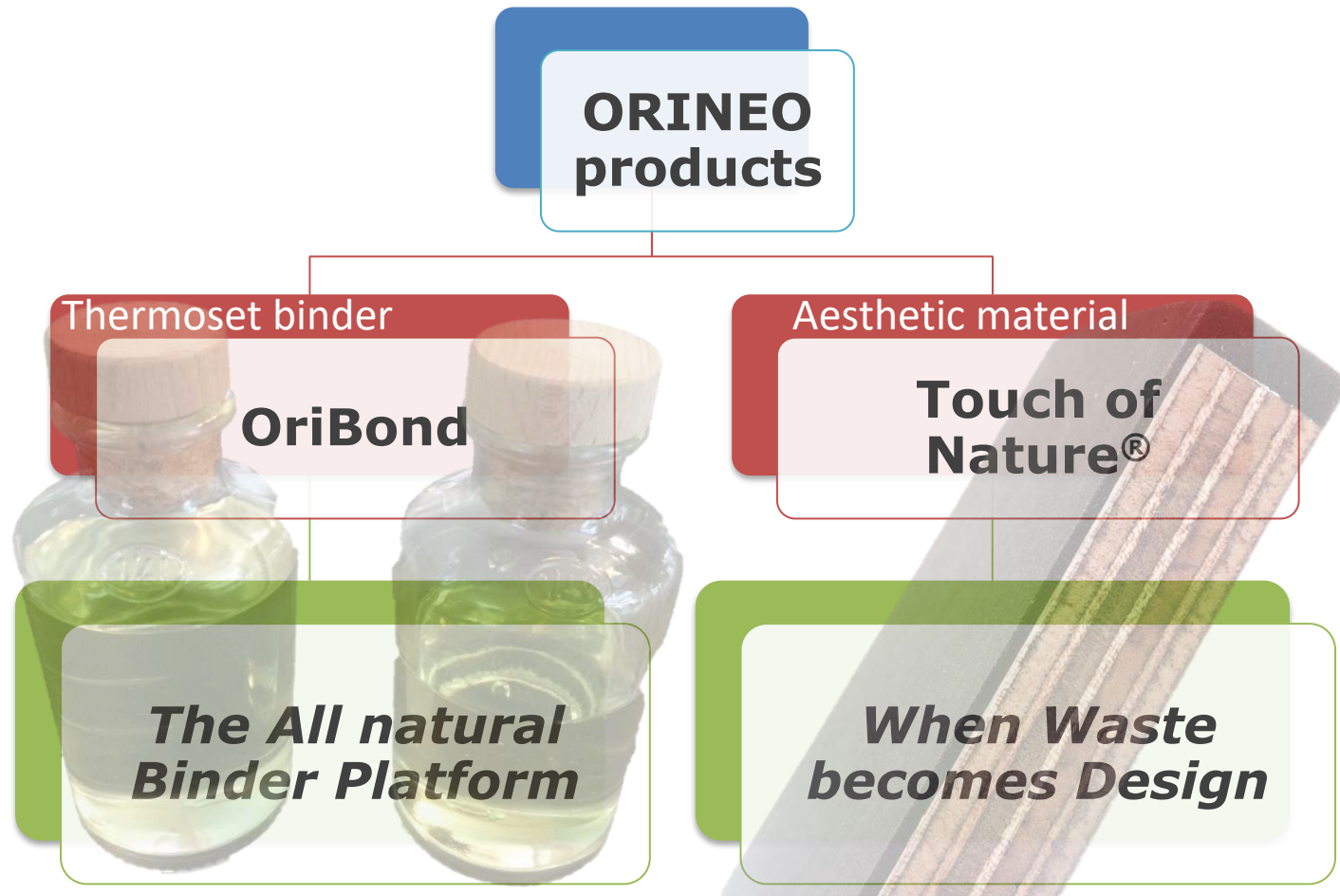
Our values

Bio-based / Harmless / Authentic

Our mission

- Designing and developing *new-to-the-world bio-based materials*
- No compromise on *Health & Environmental hazards*
- Validate the *use and promotion* of our products
- Implementing a '*When Waste Becomes Design*' program

What we make





OriBond

The first 100% bio-based thermoset

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A fortunate stroke of Serendipity

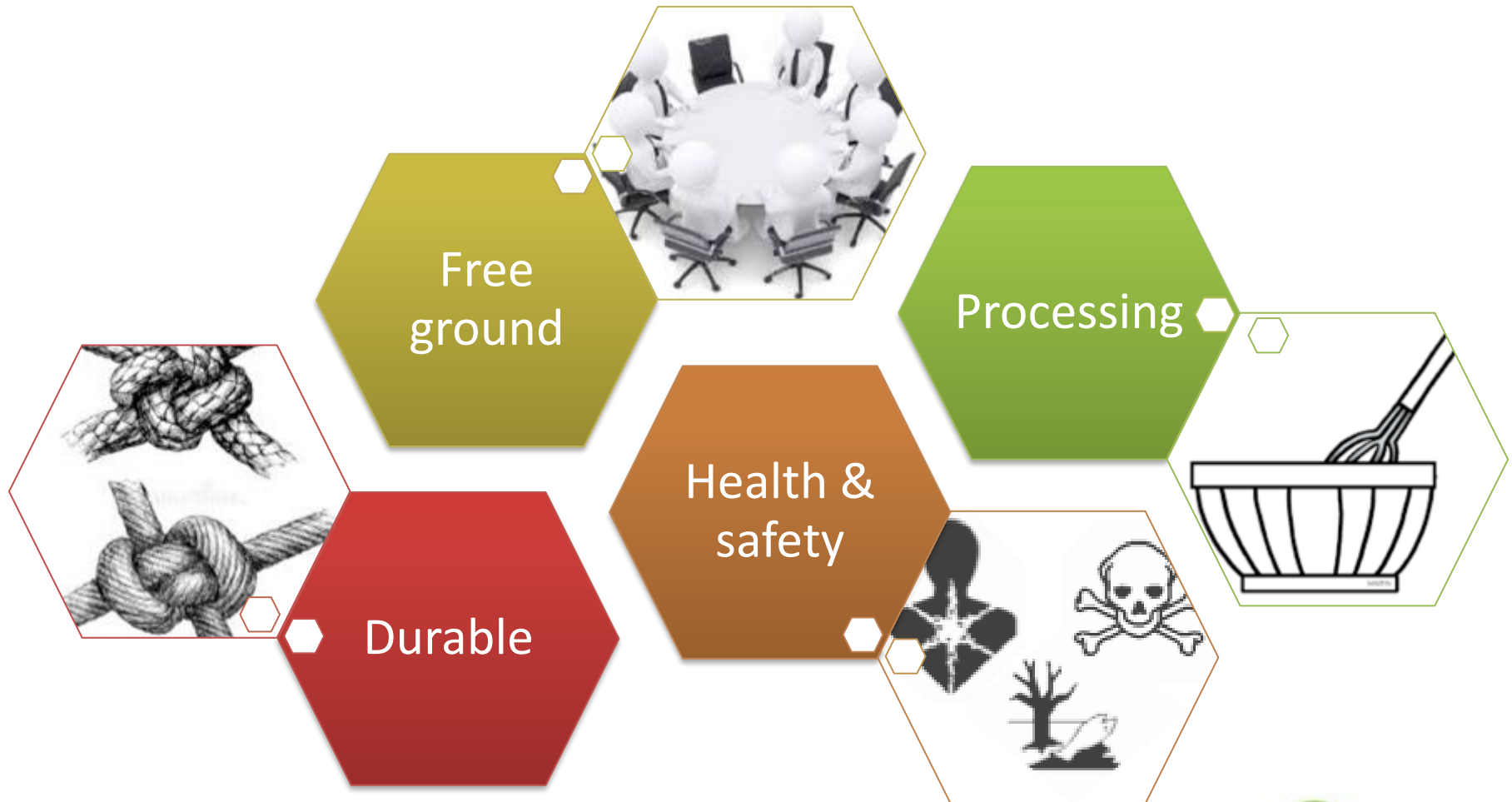
Serendipity /ˌsɛr(ə)nˈdɪpɪti/

Noun: **serendipity**, the occurrence and development of events by chance in a happy or beneficial way.

Proprietary
2-component
thermosetting system
(resin + hardener)

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Why did we chose Thermosets



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So, what is this OriBond?



Resin:
OriBond ELO

**Epoxidised
Linseed Oil**

Solid
material

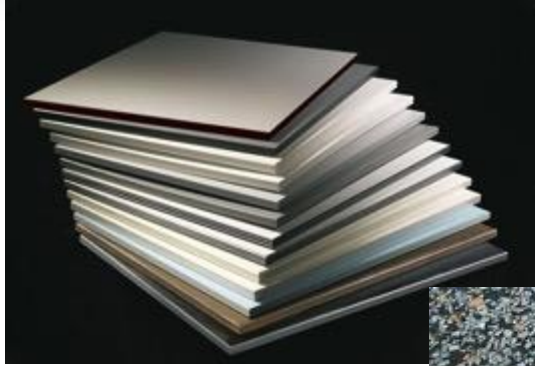


Hardener:
OriBond LK

**Patented
Eutectic Mixture**

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OriBond, a harmless binder to be used in ...



Doug Sharpe blog

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Touch of Nature®

When Waste becomes Design

Touch of Nature® in 4 quotes

Plant-based material

Food and agro waste

Durable application

Aesthetic finishing

How to do it?

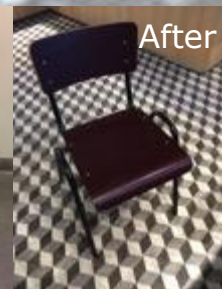


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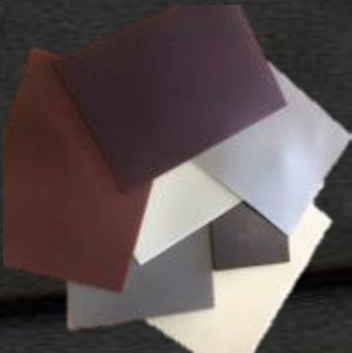
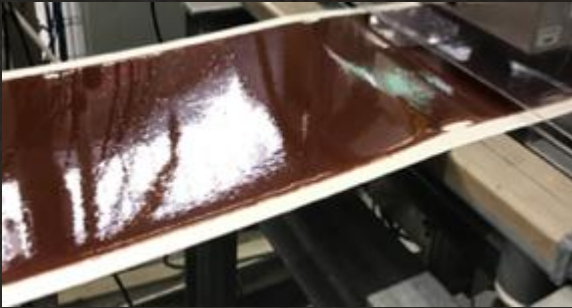


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IP protected technology and concept

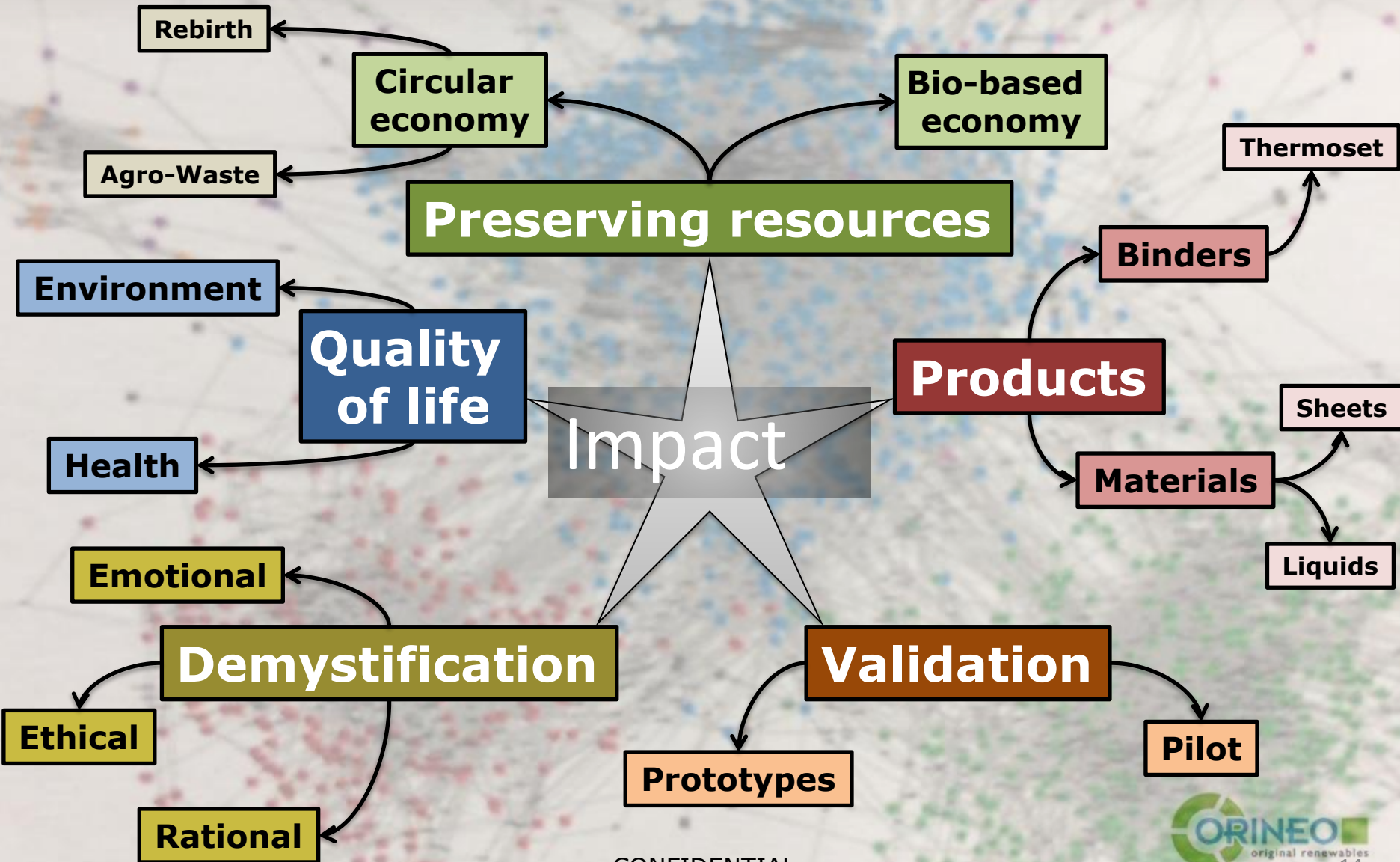


Touch of Nature® mood board



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Orineo, an impacting Plant Materials Company



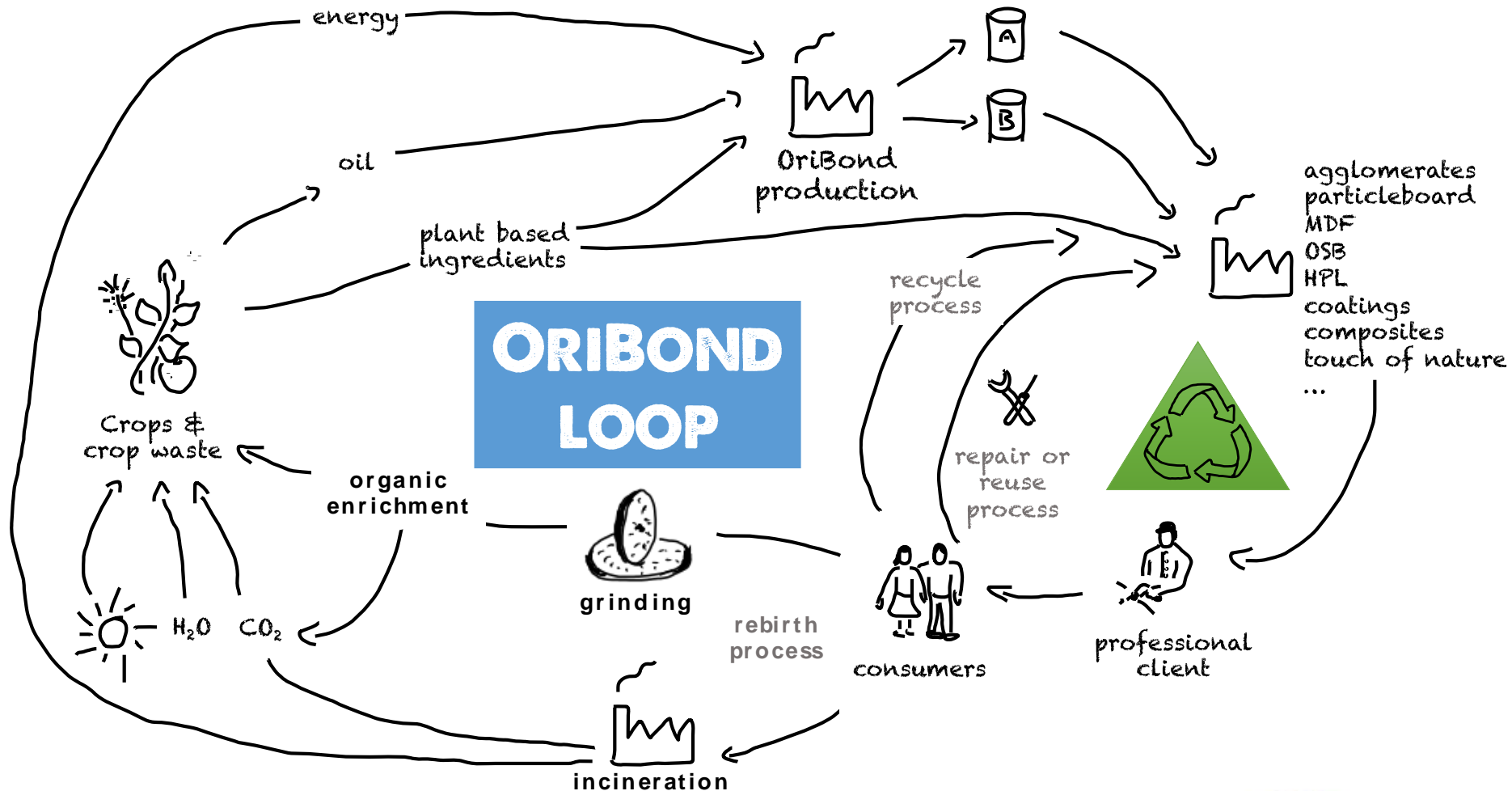
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No, we are not excentrics or mavericks!



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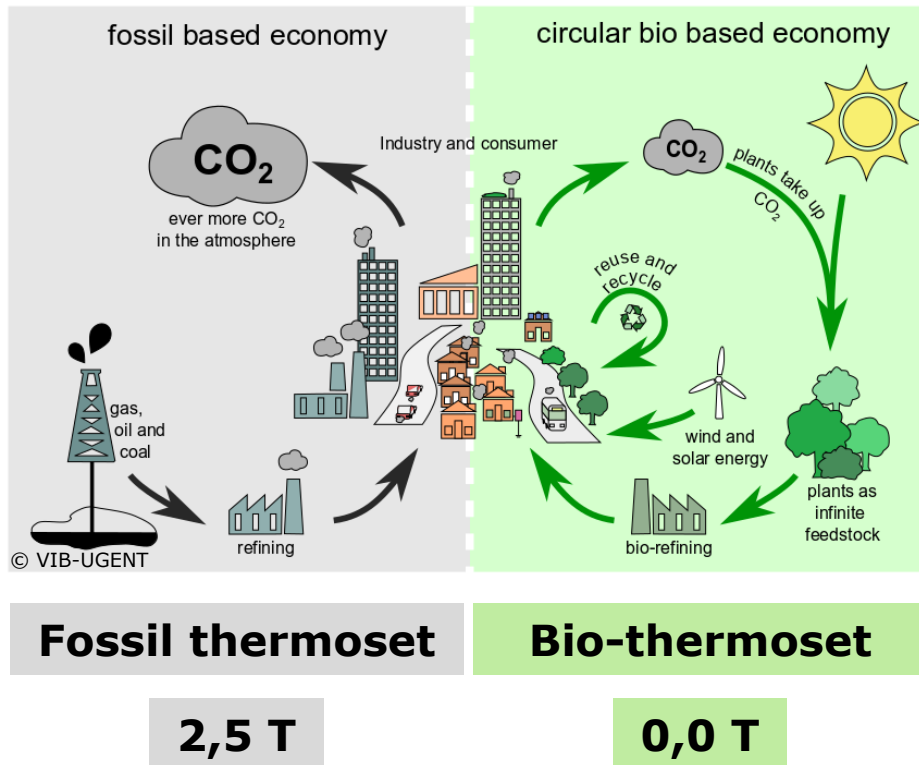
OriBond, only borrowing C, O and H



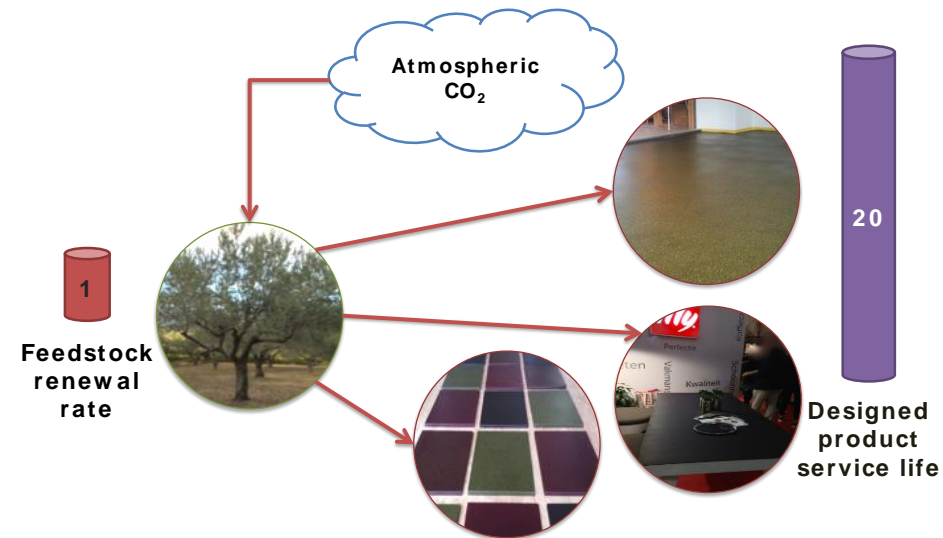
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Carbon cycle double impact

Tank-to-Wheel CO₂ emission



Carbon storage potential
























Local sourcing & production

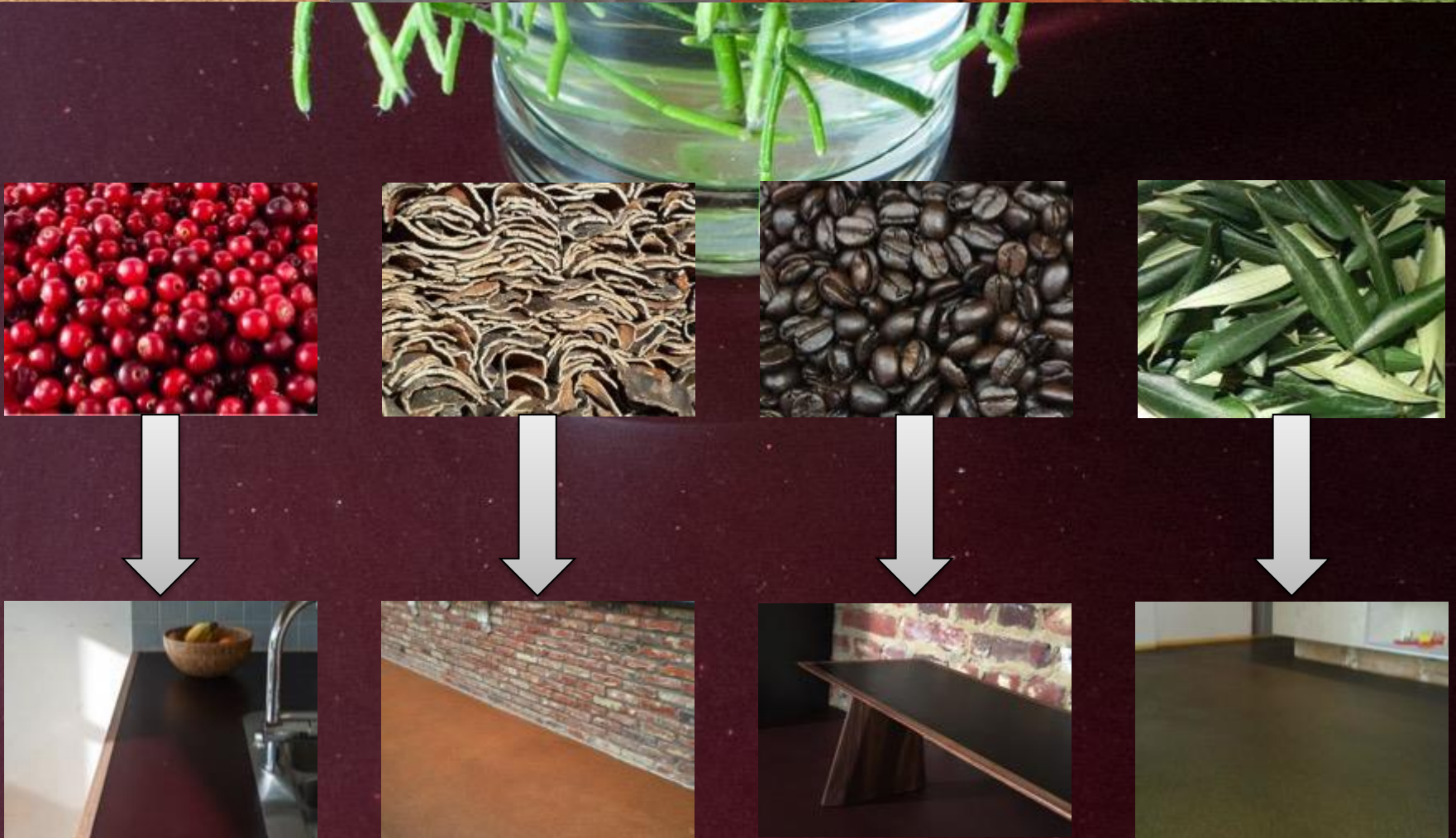


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Thermosets: a health & hazard opportunity

| OriBond | |   | | | | |
|-----------------|--------------|--|---|---|---|---|
| Formaldehyde | UF/PF/MF | | |   | |  |
| Styrene | Polyester |  | |  |  |  |
| Isocyanate | Polyurethane |  | |   | | |
| Bisphenol A | Epoxy |  |  |  | |  |
| Epichlorohydrin | Epoxy | |  |   |  |  |

It is natural and it looks natural



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A serene landscape featuring a calm pond surrounded by dense green foliage. A large weeping willow tree is prominent on the left, its branches hanging over the water. The pond is bordered by a grassy area and tall reeds in the foreground. Several ducks are visible swimming in the water. The sky is a clear, bright blue with a few wispy clouds. The overall scene is peaceful and natural.

**Who wants to share
our vision?**



THANK YOU FOR YOUR ATTENTION



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