

A person wearing a blue lab coat is holding a white tray filled with blue plastic waste and a pile of blue surgical masks. The background is a blurred industrial or laboratory setting.

PLAXTIL

CIRCULAR, ECOLOGICAL, RESPONSIBLE

We Make Waste Tomorrow's Material

FOUNDERS



FINDINGS



Textile Waste:

From 50 to 100 million tons
of clothing per year

Net Financial Loss:

\$ 100 billions of material
per year

Non Recyclable:

Mix of fibers

Massive Exports:

Waste exported to
emergent countries

Environmental Shock:

500,000 tons of masks put to
waste / month in the world

Awareness:

Source of the worst
pollution in history!

THE PLAXTIL TECHNICAL SOLUTION



Waste



Binder or Matrix



Material replacing
virgin plastic



Patent N° FR2012281
Registered 11/27/20

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THE PLAXTIL SOLUTION



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An innovative
hybrid
polymer

That can be
recycled again
and again!

Made of / up to
100% of waste

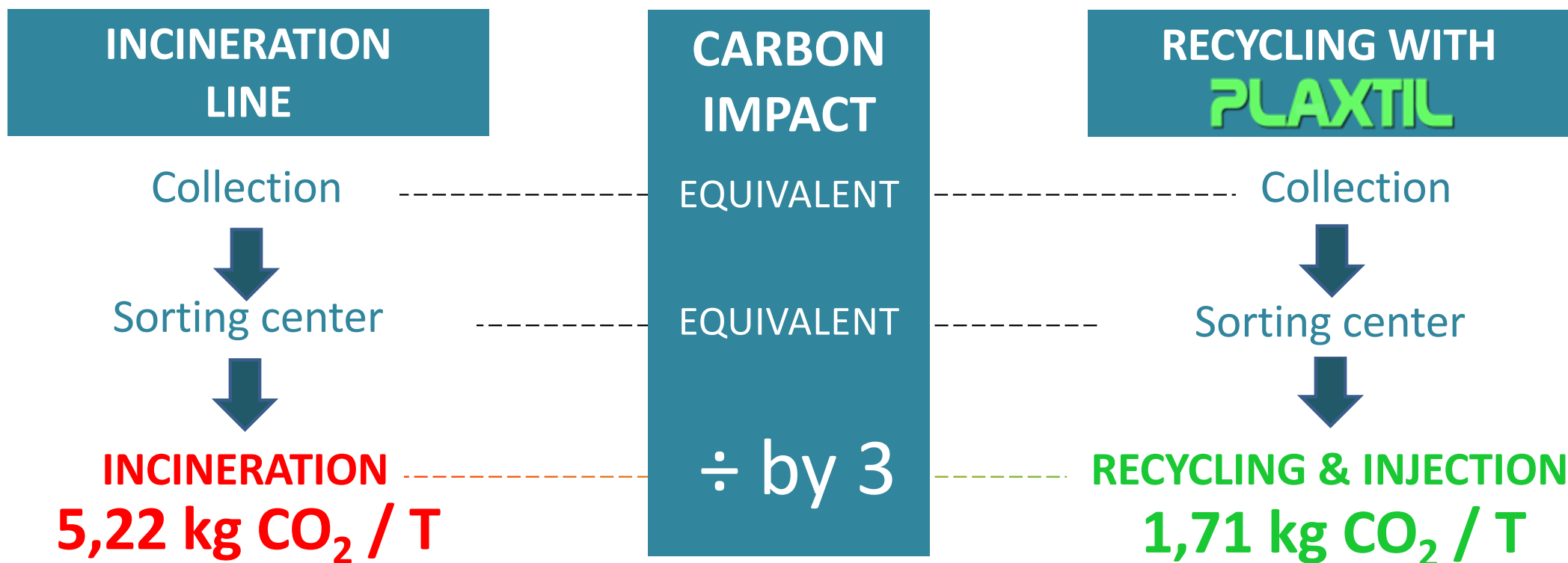
An
industrialisable
substitute for
virgin plastic

WITH A
PLAXTIL MIX
OR MATTER
THAT IS
UNIQUE

Natural,
recycled or
from-waste
matrix

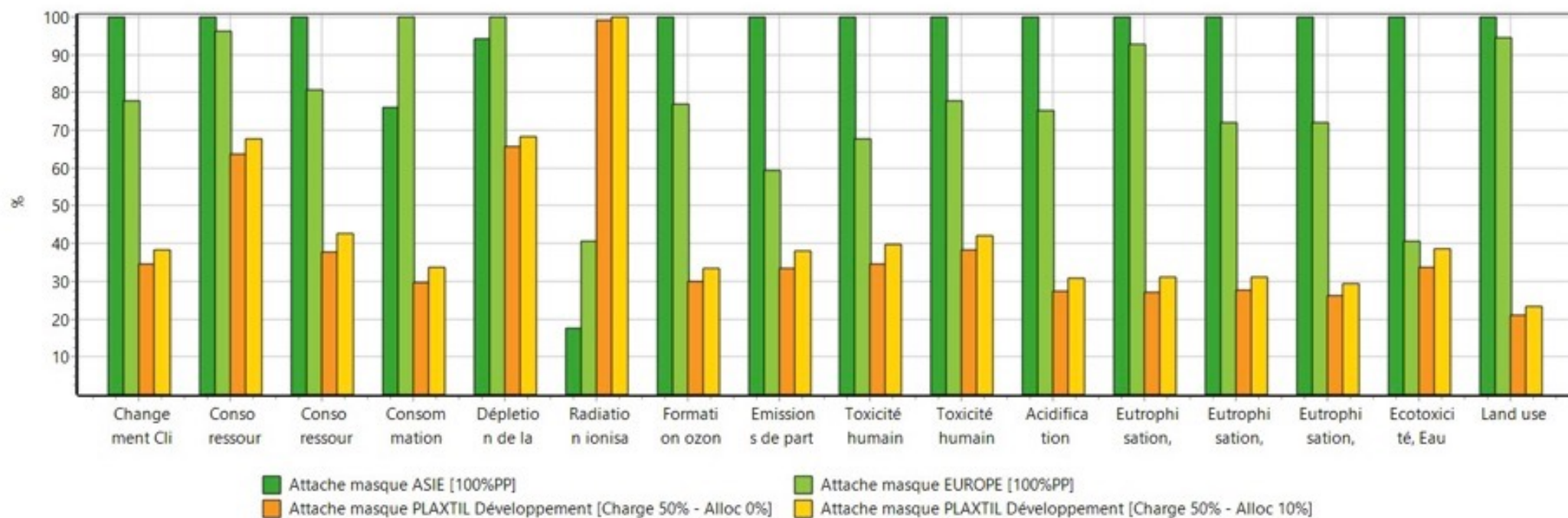
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ENVIRONMENTAL IMPACT BALANCE



PLAXTIL divides by 3 the CO₂ impact compared to incineration

PLAXTIL: ENVIRONMENTAL IMPACT



Method: EF 3.0 Method FR V1.00 / EF 3.0 normalization and weighting set / Characterization

Comparing 1 p 'Attache masque ASIE [100%PP]', 1 p 'Attache masque EUROPE [100%PP]', 1 p 'Attache masque PLAXTIL Développement [Charge 50% - Alloc 0%]' and 1 p 'Attache masque PLAXTIL Développement [Charge 50% - Alloc 10%]'

Significant impact compared to virgin plastic

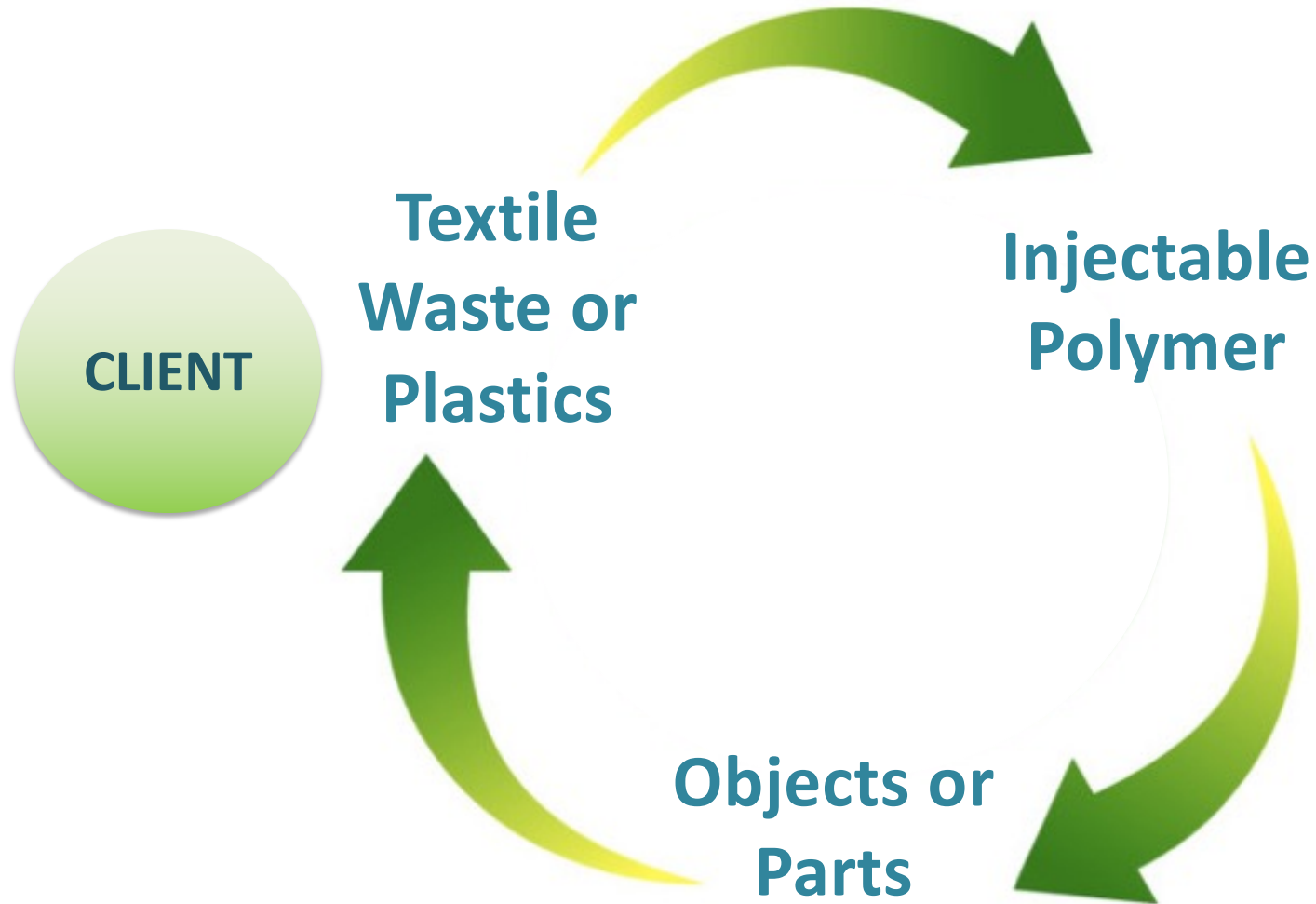
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OUR VALUES: PLAXTIL IS CIRCULAR



OUR VALUES: PLAXTIL IS CIRCULAR

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OUR VALUES: PLAXTIL IS ECOLOGICAL

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INNOVATIVE

NON-RECYCLED-TO-THIS-DAY ultimate waste
IS RECYCLED into a **HYBRIDE MATERIAL**
which holds the proof of its recycling within

COMMITTED

Creation of **100% RECYCLABLE** tailored-made
and eco-designed objects



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OUR VALUES: PLAXTIL IS RESPONSIBLE

A responsible economic activity is at the heart of our values, it includes a professional-integration company closely linked to PLAXTIL's manufacturing and commerce processes:



A person wearing a blue lab coat is holding a white tray filled with blue surgical masks. In their other hand, they hold a clear container filled with blue granular material. The background is a blurred industrial or laboratory setting.

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**MARKETS, CLIENTS &
BUSINESS DEVELOPMENT**

TARGET #1: THE FAST FASHION WASTE MARKET

The Textile Industry Represents:

One of the 3 most polluting industries in the world

More than 1.2 Billions of tons of CO₂ emitted per year

A near exclusive use of virgin fabrics -97%-

73 % of used up clothes that ARE NOT RECYCLED

More than \$ 100 Billions of material put to waste per year

The textile market is global, weighs 100 Billions tons per year and in constant growth

TARGET #2: THE DISPOSABLE IPE MARKET



6M Tons of New Waste
per Year
-Disposable Masks-

Excessive Consumption of
Disposable IPE in
Industries

No or Very Little Recycling
of Disposable IPE:
charlottes, blouses,
masks....

The disposable IPE market is global,
weighs 1 Billion Euros in France
and is in constant growth...

OUR BOOSTER! 

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The first (and UNIQUE) masks-recycling solution in the world !

ALREADY IMPLEMENTED IN :

- Over more 80 French territories
- Many companies of various size
- Many French administrations

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THE PLAXTIL SOLUTION IS ALREADY RECOGNIZED

MORE THAN
100
PASSAGES
IN NATIONAL AND
INTERNATIONAL
MEDIA



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THE PLAXTIL SOLUTION IS ALREADY RECOGNIZED



PLAXTIL

Cours de Recyclage

$$20 \times \text{masque} + \text{Plaxtil} = \text{équerre}$$

Démonstration :



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A person wearing a blue lab coat is holding a white tray filled with blue granules in their left hand and a large pile of blue surgical masks in their right hand. The background is a blurred industrial or laboratory setting.

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STRATEGIC & INDUSTRIAL
DEVELOPMENT

OUR STRATEGIC DIRECTIONS



The markets for PLAXTIL are global –textiles and IPE-!

Our R&D aims at new and very promising markets
and potential markets are almost unlimited!

Our most recent actions have demonstrated that we are not only ones but way in
advance -if there is competition- on a new global market!

OUR STRATEGIC DIRECTIONS



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Continued investing in
R&D

Continued self-
structuring

Targeting international
sales contacts as soon
as 2022

Investment in our
industrial tools to
respond to expected
volumes

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OUR INDUSTRIAL STRATEGY



CHOICES THAT FOLLOW UP OUR VALUES

Creation of reversible, nimble and light sites: the SMALL RECYCLING UNITS

Positioning ourselves near waste deposits in connection to already existing flows

Aiming at regional economies VS. excessive massification

Reindustrialize wastelands or abandoned areas

Integrating the social and solidarity economy –through « ESSAIMONS »-

OUR AMBITION FOR STRONG GROWTH



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AMBITIONS FOR 2025

- **4 Recycling Units in operation**
- **5.000 Tons of production**
- **Estimated Turnover: 12 M€**

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NON RECYCLABLE

Non recyclable

**Ah bon ?
Pourtant nous,
on le fait !**

Really?

How come WE make it happen?



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