



what if ...

used plastic becomes a resource



8 billion tons in stock !



+ 400 million tons every year

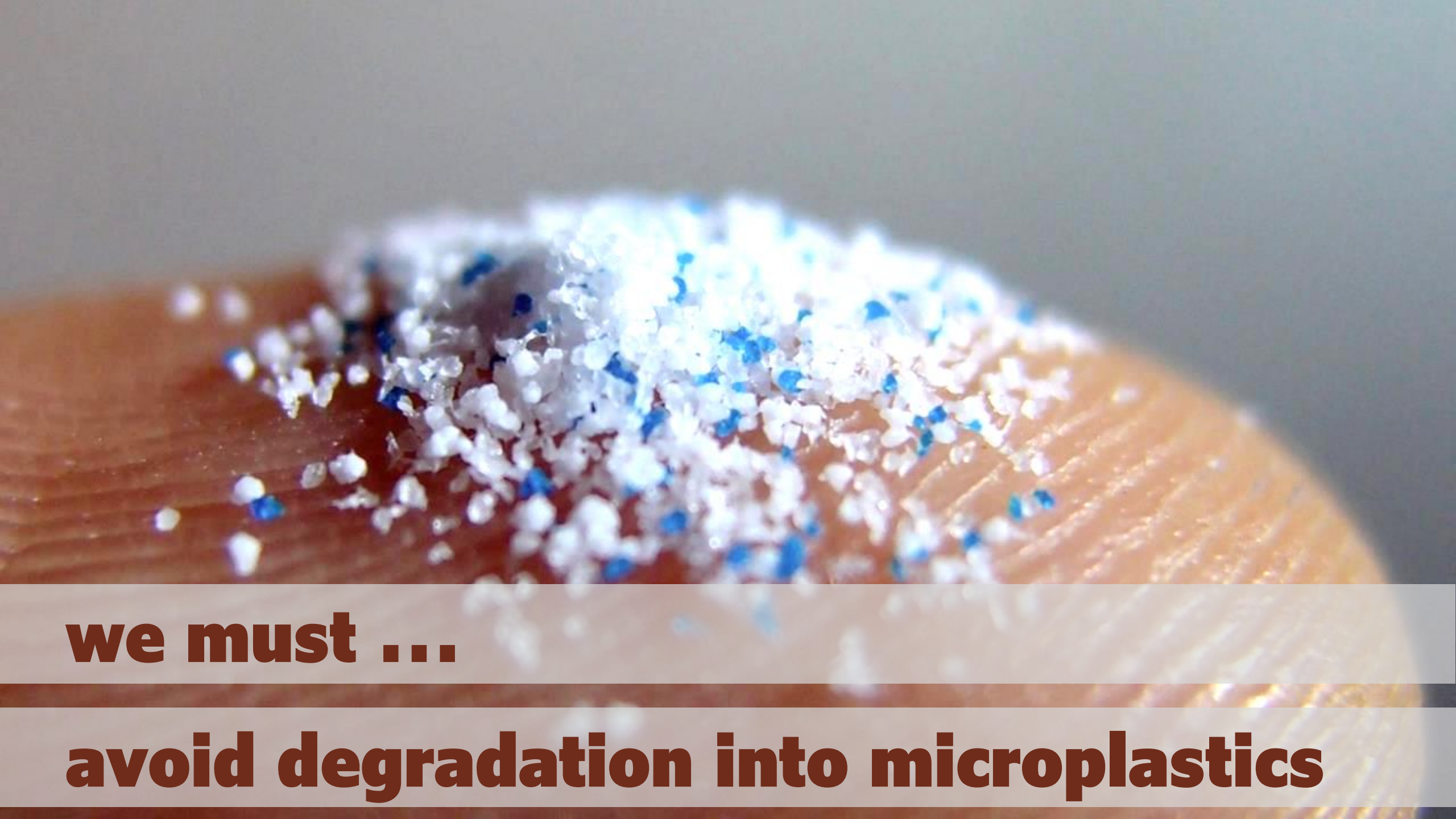


plastic pollution threatens life



we must ...

avoid plastics in rivers & oceans



we must ...

avoid degradation into microplastics



we must ...

avoid useless landfilling



we must ...

avoid incineration & CO₂ Emissions



we must ...

avoid costly chemical recycling

STABILOGREEN

we make plastic waste useful



we do ...

keep plastic on land.

STABILOGREEN

we make plastic waste useful



we do ...

protect plastic from degradation.

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we make plastic waste useful



we do ...

leverage plastic's qualities

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we make plastic waste useful



we do ...

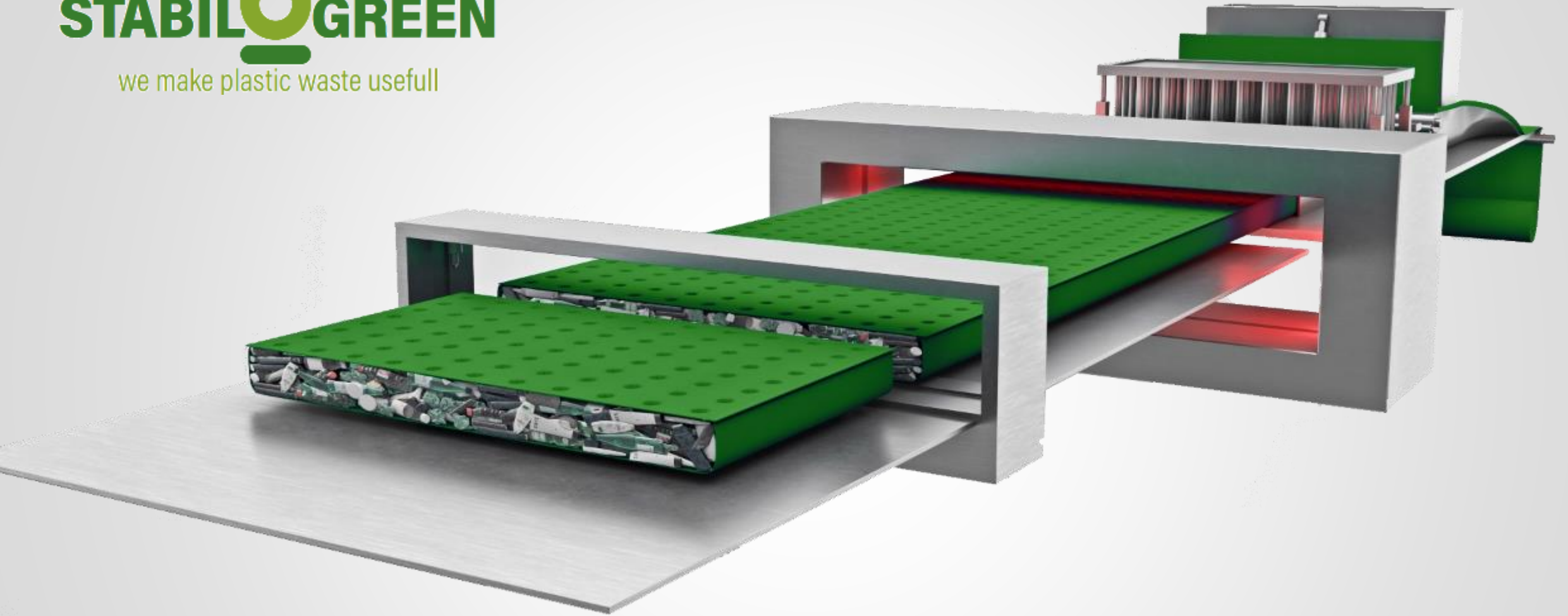
capture plastic's real value

STABILOGREEN

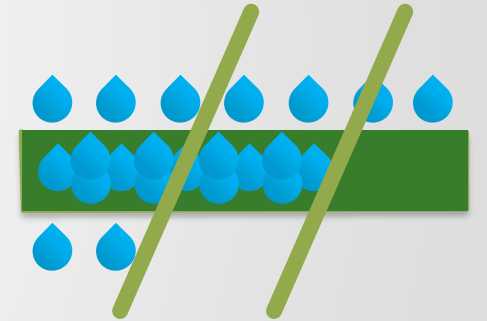
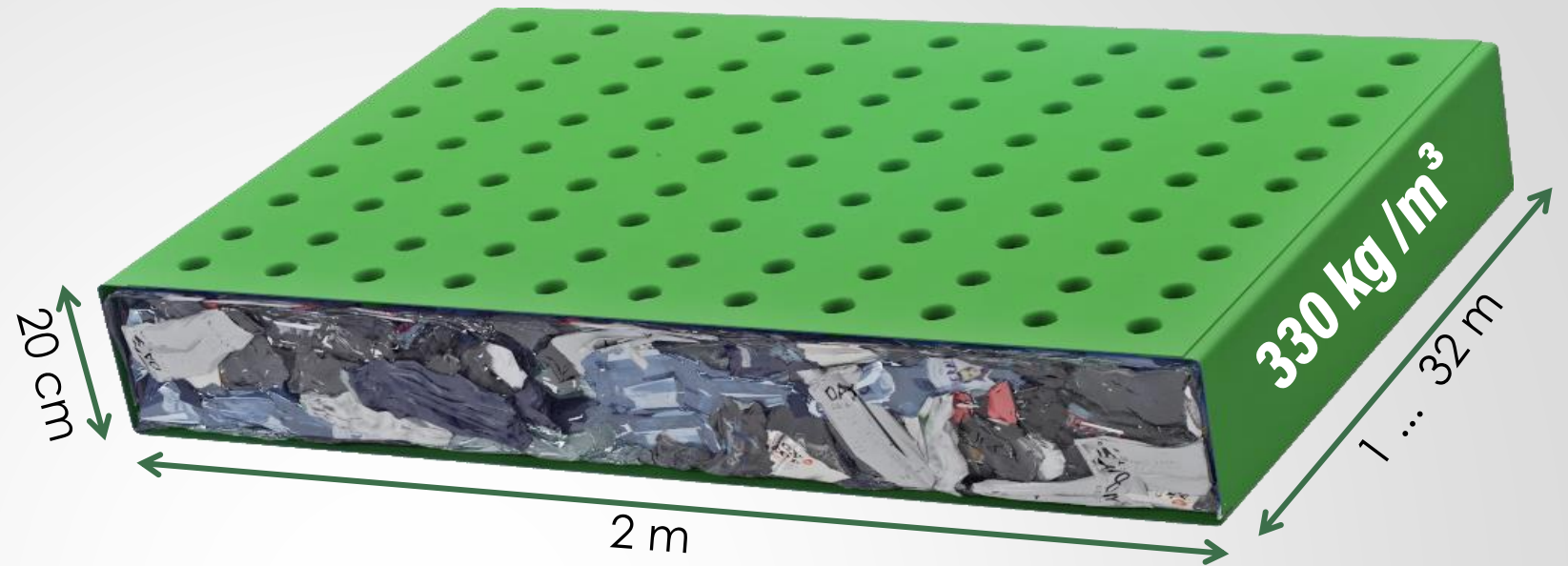
we make plastic waste useful



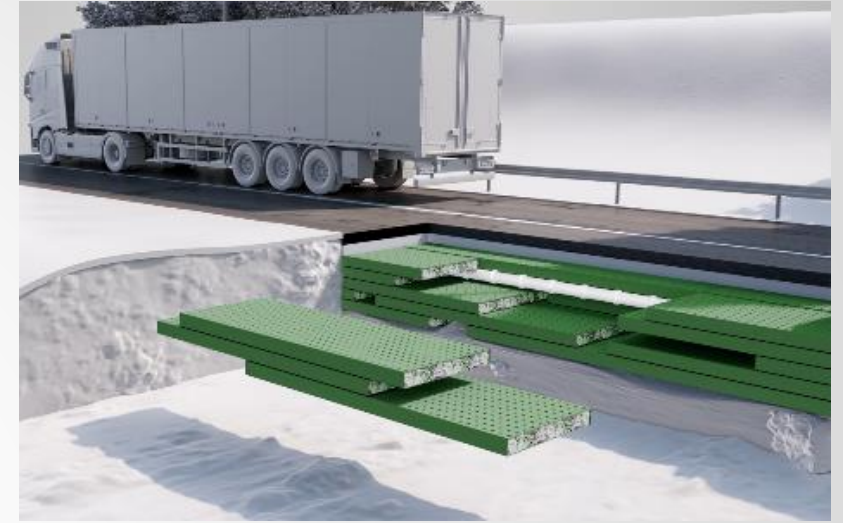
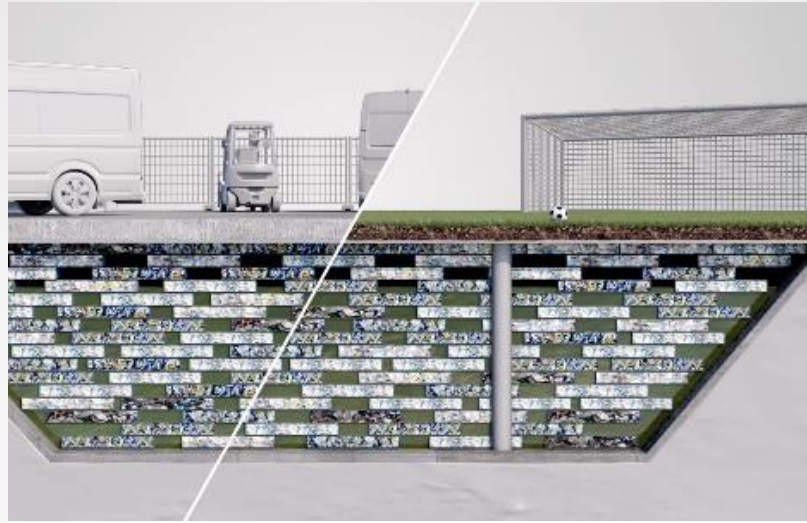
It's our mission !



We offer a patented technology



we make soil stabilization mattresses
distribute • absorb • insulate • drain



road ● civil engineering ● building



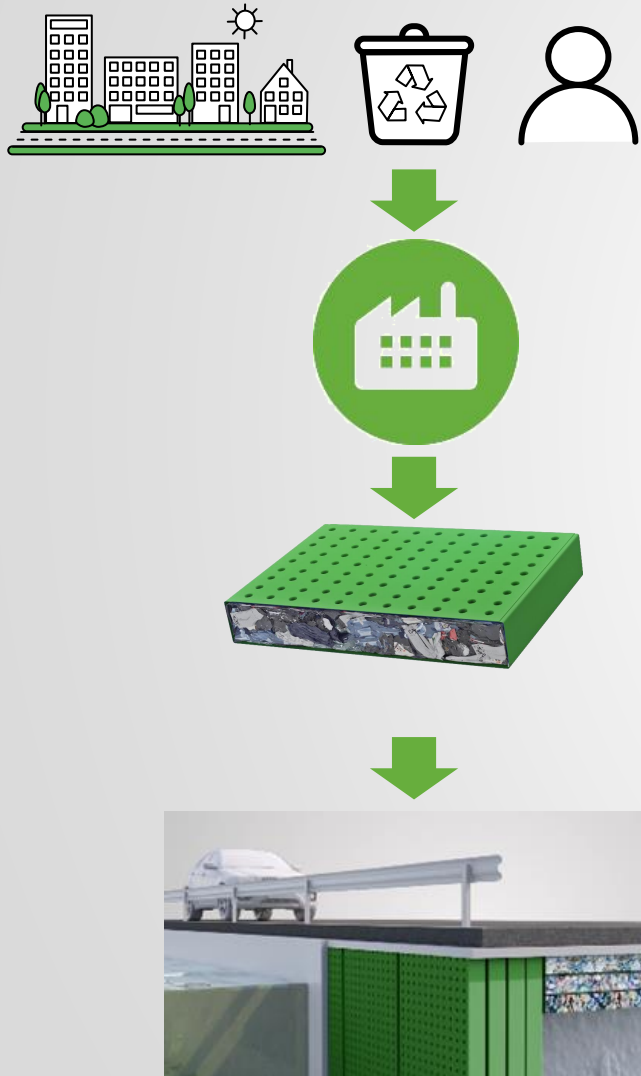
join us as technical partners



Join us as business partners

STABILOGREEN

we make plastic waste usefull

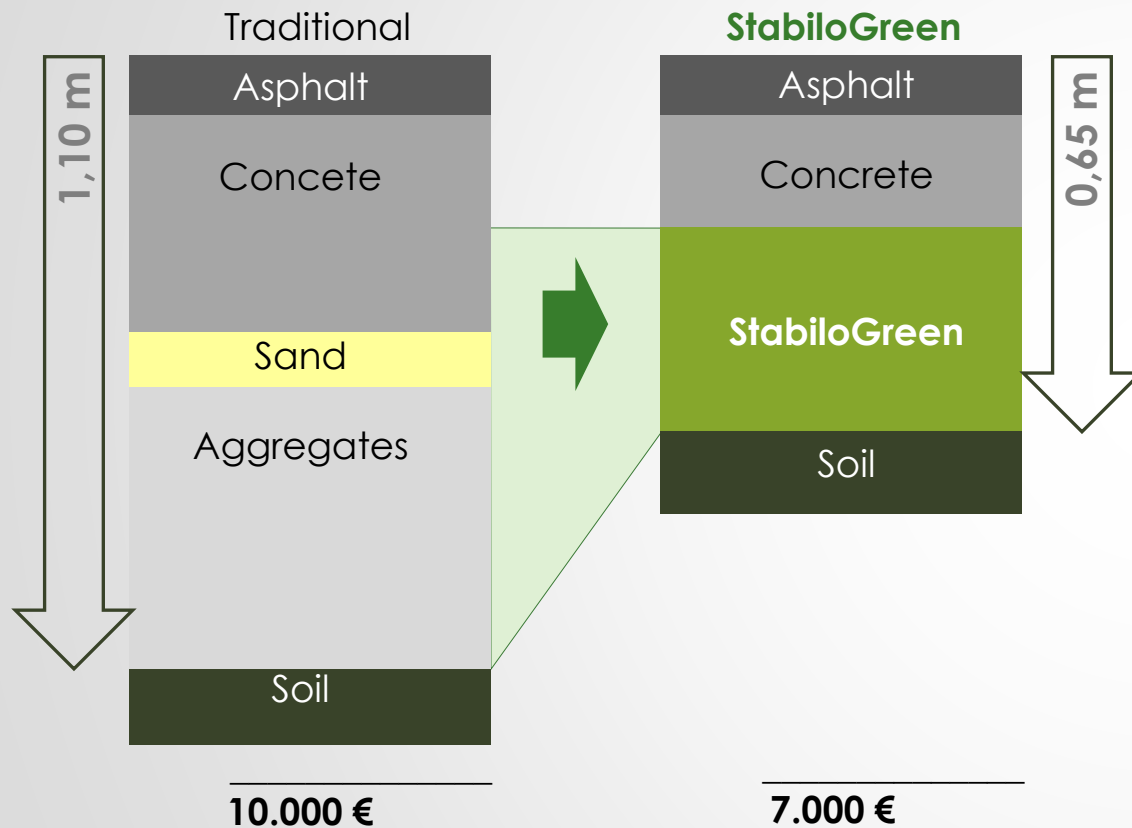


StabiloGreen's process Simple & efficient

- **24,000 tons** of collected plastic for StabiloGreen correspond to a population of **1 million inhabitants**
- **All kinds of thermoplastic** are suitable
 - In bulk, unsorted & unshredded
- Reduced **water usage** for cleaning process
- Consumes very **little energy**
 - Only 15% of the plastic is melted
- Extremely **low emissions**
- Very **long-term** protection of plastics
 - from UV rays
 - from high temperatures
 - from biological and chemical agents
- **100% circular**
 - After-use: reuse or remanufacture
- **Directly avoid 72,000 tons CO2 Equivalent / year** from reduced incineration*
 - + Extension of useful lifetime of existing plastics
 - + Substitution to alternative virgin plastic materials
 - + Reduction of logistics

* 3 tons CO2 equivalent / ton of incinerated plastic

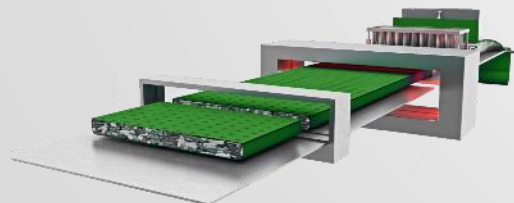
Use case Road construction



40% less excavation
75% less raw materials
50% faster
30% cheaper

- Road of 8m width
- 2 layers of StabiloGreen mattress
- 16.000 m² of StabiloGreen/km

Avoidance of
~ 4.000 tons Eq. CO₂ /km



= 25 km of roads

2.880 tons from incineration
 + 1.220 tons from fewer raw materials
 + additional avoidance for logistics

Use case
Building foundations



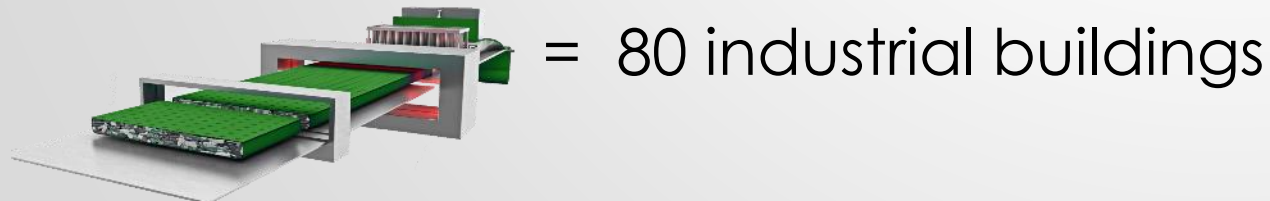
Thermal insulation
Vibration absorption
Anti-seismic protection

- 5.000 m² industrial building
- 1 layer of StabiloGreen mattress
- 5.000 m² ~ 300 tons of recycled plastics

~Avoidance of

1.250 tons Eq. CO₂ /building

- + 900 tons from incineration
- + 350 tons from raw materials
- + additional from logistics



**Local
Businesses**

**100 %
Recycling**
24.000 Tones
**All kinds
of thermo-plastics**



**100 %
Circular**
400.000 m² per year
**Re-useable
Soil Stabilization Mattress**

72 ktons of CO₂ avoided per year per line

Production Plant

**2,16 M€
Revenue**
24.000 Tons
Service @ **90€/ton**

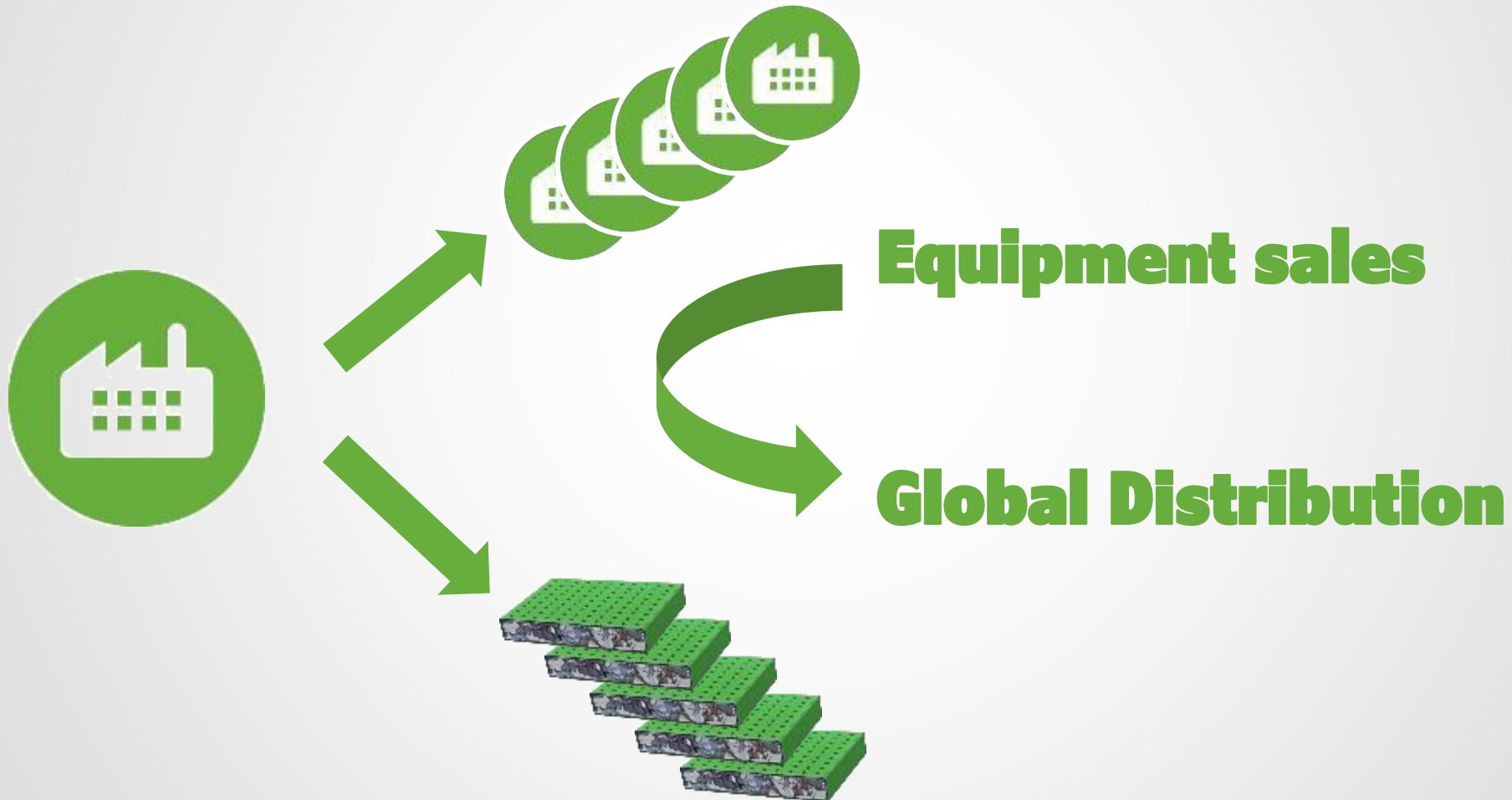


**6,40 M€
Revenue**
400.000 m² per year
Product @ **16€/m²**

+ Total Revenue:	8,560 M€/an
- Operational Costs:	5,200 M€/an
Operational Margin:	3,360 M€/an
Initial investissement:	10,000 M€

Return On Investment : ~ 3 years

Business model
Production Franchise





we make plastic waste useful

HISTORY

- 2023 business creation and fundraising
- 2022 Market research
Building the initial team
- 2020 Founders met
- 2019 Market research:
construction & waste treatment large companies
- 2018 Stabilogreen patent registered
- 1990s StabiloBloc activity
35+ projects road and infrastructure
Switzerland, France and Belgium
Development of the manufacturing equipment
(capacity of 1.000 tons / month of finished product)
70.000 tons of plastic waste processed
250.000 m3 of finished product delivered

PLANNING

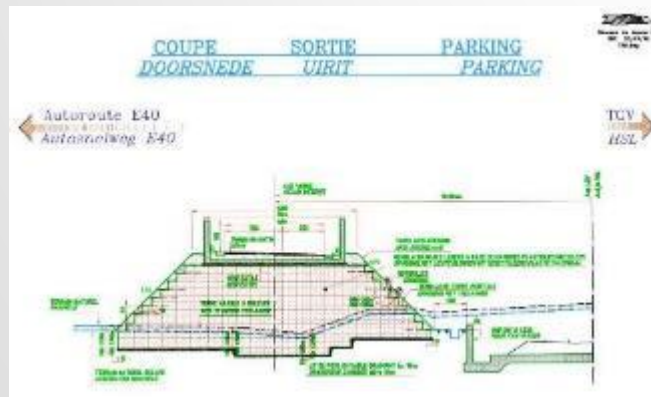
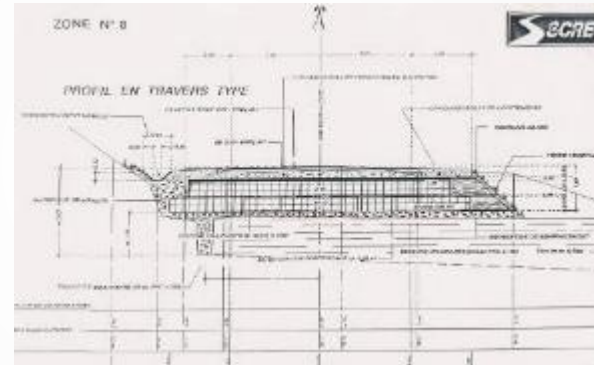
5 th year & later	↑	25 M€	International deployment of franchises
			Franchises
3 rd year	↑	5 M€	Start sales of mass-produced mattresses Approval of mattresses in specifications for private and public works Start of mass production
			Pilots
Month 18 th	↑	6 M€	Sale, installation and follow-up of first 5 pilot plants
			Prototyping
Today	↑	300 k€	Signature of 5 pilot plant contracts Development of franchise concepts Sales of mattresses to validation and demonstration projects Submit mattresses for approval in use case specifications Obtain product certification of the prototype mattress Manufacturing of prototype mattress Building of the prototype plant
			Prototyping
Today	↑	500 k€	Prototyping project - Funded by DGO6 funds
			Prototyping
Today	↑	20 k€	Funding round for the prototype plant Finalize as build design of the manufacturing plant Specifications of targeted product and production for prototyping Characterization of raw materials and trial samples Manufacturing of trial product (1 sq m) Building of trial equipment
			Prototyping
Today	↑	20 k€	Industrial Research Project - Funded by regional DGO6 funds
			Prototyping
Today	↑	20 k€	Recruitment of first funding & industrial partners
			Prototyping
Today	↑	20 k€	Company incorporation
			Company incorporation

StabiloBloc® - Track Record

- 1992 – 2000 – 35 Chantiers BTP
- Bloc de Plastique PET Compressé 0,3 t/m³
- Exploités en Belgique, France, Suisse
- Stabilisation des sols
- Suppression des effets de poussée
- Panneau anti-bruit
- ...



STABILOBLOC®



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**for a more sustainable,
cleaner and greener planet**

tracing the road for future generations

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