

ORENASENS

TRANSFORMING TEXTILE WASTES INTO HIGH VALUE & CIRCULAR MATERIALS

THIS IS WHY WE EXIST

< 1% FIBER TO FIBER RECYCLING

14% DOWNCYCLING

19 % BURNING -

66 % LANDFILLED

20 % of global clean water polution

14 M T / y of microplastics



CIRCULAR LOOP

Textile waste

Polycotton, Cotton, Polyester

Decolorized fibers

Polycotton, Cotton, Polyester



Removing dyes and additives





Recovered Polyester Supercrtical extraction No depolumerization **Dissolved** Cotton



LIMITING MICROFIBER SHEDDING & WATER USE





Dyeing and additifs impregnation without water

Surface functionnalization without water



VALUE PROPOSITION



Pure & Mixed fibers



Energy efficient



No use of water



COMPETITION



Among all the competitors, only Renasens technolgy mitigate the microplastic release

Circ Technology

Worn again

Once More

Use of water





TARGET MARKET



Fashion and Clothing

Hospitals & medical

Technical Textile



MARKET SIZE

€4,1 B

Global Textile Recycling Market size, 2022

Source: www.grandviewresearch.com





€6,1 M SOM



GROWTH PLAN & TRACTION

- Pilot plant, 100 kg/day capacity
- First market validation
- Production pilot plant, 1 t/day capacity
- Industrial production through licensing

+ 107 Customers confirmed the market need + 5 Customers willing to collaborate with us

+ 1 Early adopter







TEAM

Dr. Jade Abir Bouledjouidja

Founder & CEO, Chemical engineer and PhD in material science/green process. + 10 y experience in new technology, composite processing, natural fibre production/modification and plastic/textile recycling. + 4 patents. + 2 Business development

We are looking for our future textile engineer and CFO





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