

# SUSTAINABLE REUSE OF SUSTAINABLE PRODUCTS

## From wind turbine to sustainable raw material

It is fantastic that more and more sustainable energy is being generated. But what not everyone realizes is that there is also a downside: residual waste. Wind turbine blades have a lifespan of 20 years and then usually end up in incinerators.

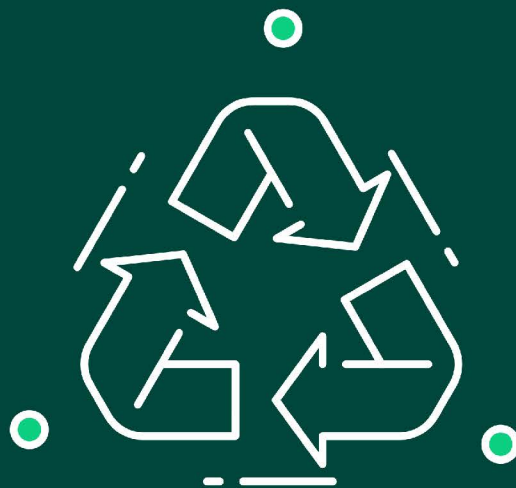
But now there's **Greenmolen®**! We transform these wind turbine blades into 100% circular raw materials with our patented Thorspin technology.



#THORSPIN

## 100% circular raw material by the Thorspin.

The Thorspin was developed and patented by Dr. Gregor Luthe (CEO of *Wind plus Sonne*, Enschede) after years of research. In the Thorspin, molecular chains are decomposed and impurities are reduced to basic elements. The result? **A 100% circular raw material for new composite products.**



"The expectation is that by 2050 we will have no less than **43 million tons of waste** from the wind turbine blades alone!"

(Liu, P. 'Wind turbine waste in 2050')

## #PRODUCTS

# Sustainable products made from waste materials.

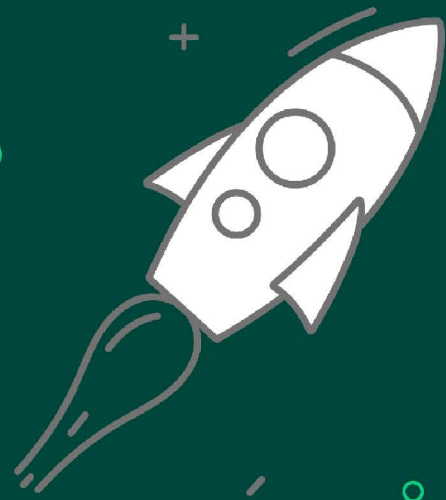
The products we make with our 100% circular raw material offer a fully-fledged alternative to the highly environmentally harmful aluminum and galvanized metal from which these products are normally made. **Initially, Greenmolen®** will focus on products for traffic measures and products for the generation of sustainable energy.

- ✓ Road signs
- ✓ Fences
- ✓ barriers
- ✓ Supporting structures
- ✓ Cable trays

## #SUSTAINABLE

# Helping to reduce the waste problem and resource shortage.

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## Contact:

The production of our traffic signs and other traffic equipment is in the hands of:

**HR Groep Streetcare**  
Frijdastraat 17-19  
2288 EX Rijswijk

e-mail: [info@hrgroep.nl](mailto:info@hrgroep.nl)  
website: [www.hrgroep.nl](http://www.hrgroep.nl)



**Greenmolen B.V.**  
Bultsweg 90  
7532 XJ Enschede

e-mail: [info@greenmolen.nl](mailto:info@greenmolen.nl)  
website: [www.greenmolen.nl](http://www.greenmolen.nl)

