



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement no. 101096858.



Advanced thermal recycling

Recovering glass fibres from end-of-life wind blades

Marcin Rusin

CEO & Founder, Gjenkraft AS

LinkedIn Live Panel | 28 April 2026



Photo by Nicholas Doherty on Unsplash



Horizon Europe
101096858

Introduction to Gjenkraft



WHO I AM

Marcin Rusin

CEO & Founder
Gjenkraft AS

Driving technology development -
lab to industry.

Building & commissioning the plant.

Networking Europe's circular
composite economy.

OUR COMPANY



REVERSING END OF LIFE

Norwegian composite recycling startup based in Hoyanger. We turn end-of-life wind blades into usable resources - new raw material for the next generation of composite products.

- Founded 2021 with a mission**
to solve the growing challenge of composite waste in renewable energy.
- First commercial line ~3 kt/year**
Hoyanger, Norway - entering commercial today, expansion ahead.
- Innovative, scalable thermal technology**
for sustainable and economical composite recycling - patent pending.
- REFRESH industrial partner**
Process scale-up and capacity growth toward continuous operation.

Bringing thermal recycling to industry

OUR ROLE IN REFRESH

Developing the technology. Building the plant.

From lab in 2020, through pilot in 2022, to entering commercial today - our first ~3 kt/year line in Hoyanger, with expansion ahead.

- **Process development** - the multistep thermal route, end to end.
- **Scale-up engineering** - lab data turning into industrial design.
- **Plant build & commissioning** - blade in, clean fibre out.





Our ambition

WHERE WE'RE HEADING

From REFRESH outcomes to a circular composites economy.

01

DELIVER

Prove circularity at industrial scale.

Demonstrate, with our REFRESH partners, that wind blade waste becomes the next generation of composite products.

02

SCALE

Become Europe's leading composite recycling supplier.

From today's first plant toward 100,000 t/year by 2036 - the recycling backbone the wind, automotive and marine industries need.

03

TRANSFORM

Drive the change. Power the new raw material.

Turn yesterday's waste into tomorrow's resource. Make recycled composites the default, not the exception.

Waste isn't the end. It's the start of the next composite.



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement no. 101096858



Thank you for your attention!

Marcin Rusin

CEO & Founder, Gjenkraft AS

marcin@gjenkraft.com

www.gjenkraft.com

Views and opinions expressed here are those of the authors(s) only and do not necessarily reflect those of the European Union. The European Union cannot be held responsible for them.



© Jason Bickley