

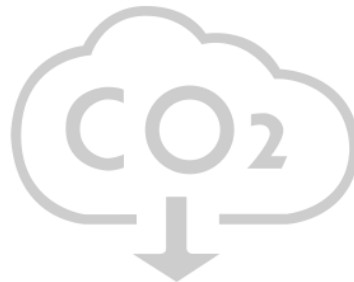
be competitive in sustainability

not only "sustainable to be competitive"



Gees Recycling - who we are ?

- Gees Recycling was founded in Pordenone by a group of courageous entrepreneurs and investors
- Since 2010 we work incessantly with our own strength to realize our dream; **make a significant CO₂ emissions reduction through an advantageous GRP recycling process**



Who we are

- After five years of research we have obtained the **international patent** and created the first GRP recycling plant in Aviano
- Our industrial recycling process transforms waste into new building materials with a mechanical process and the **minimum use of fresh raw materials**; we manufacture **particleboard of re-aggregated fiberglass** and **expanded plastics waste**



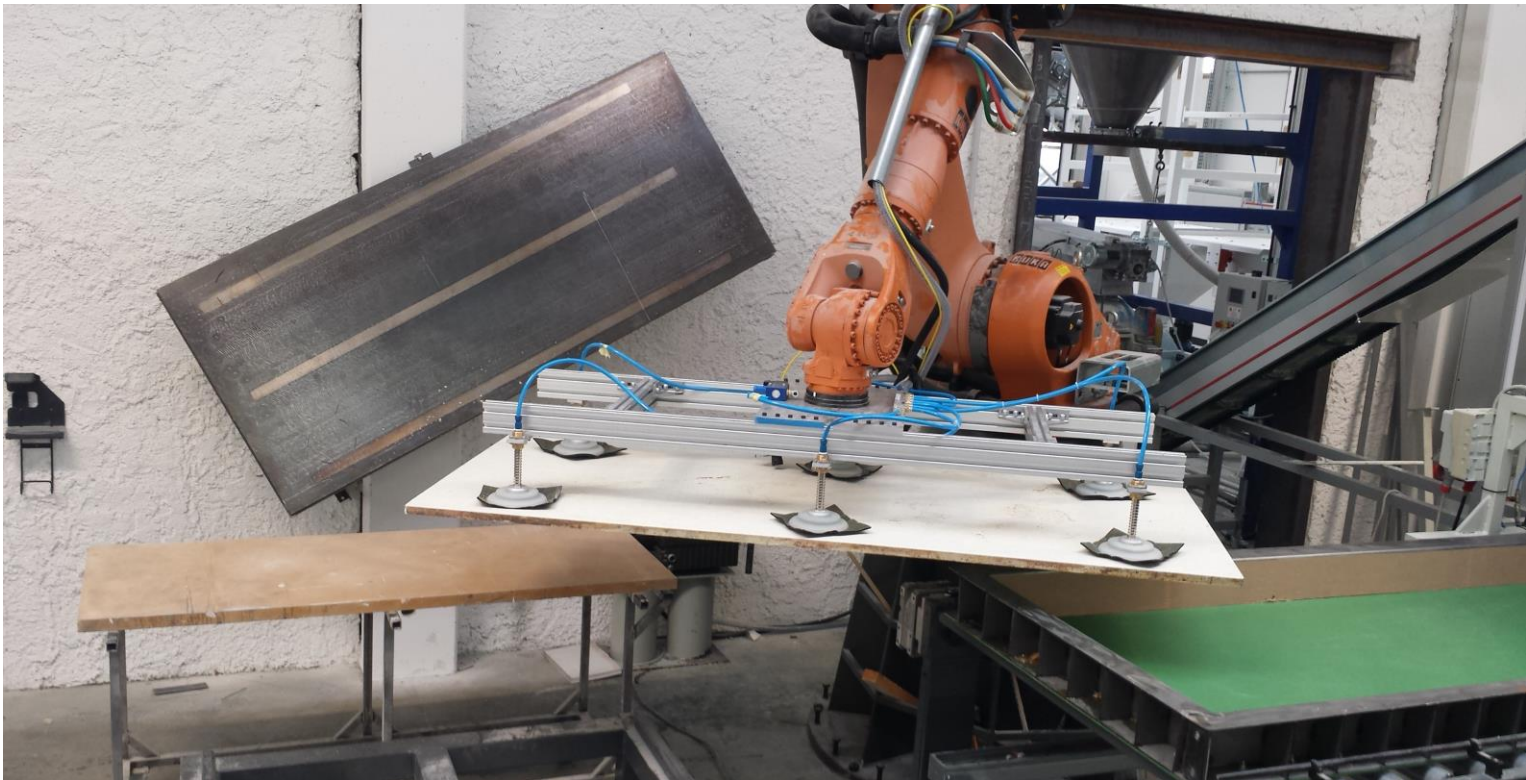
What we recycle ?

- we do recycle a wide range of fiber-reinforced materials, foam and composite panels



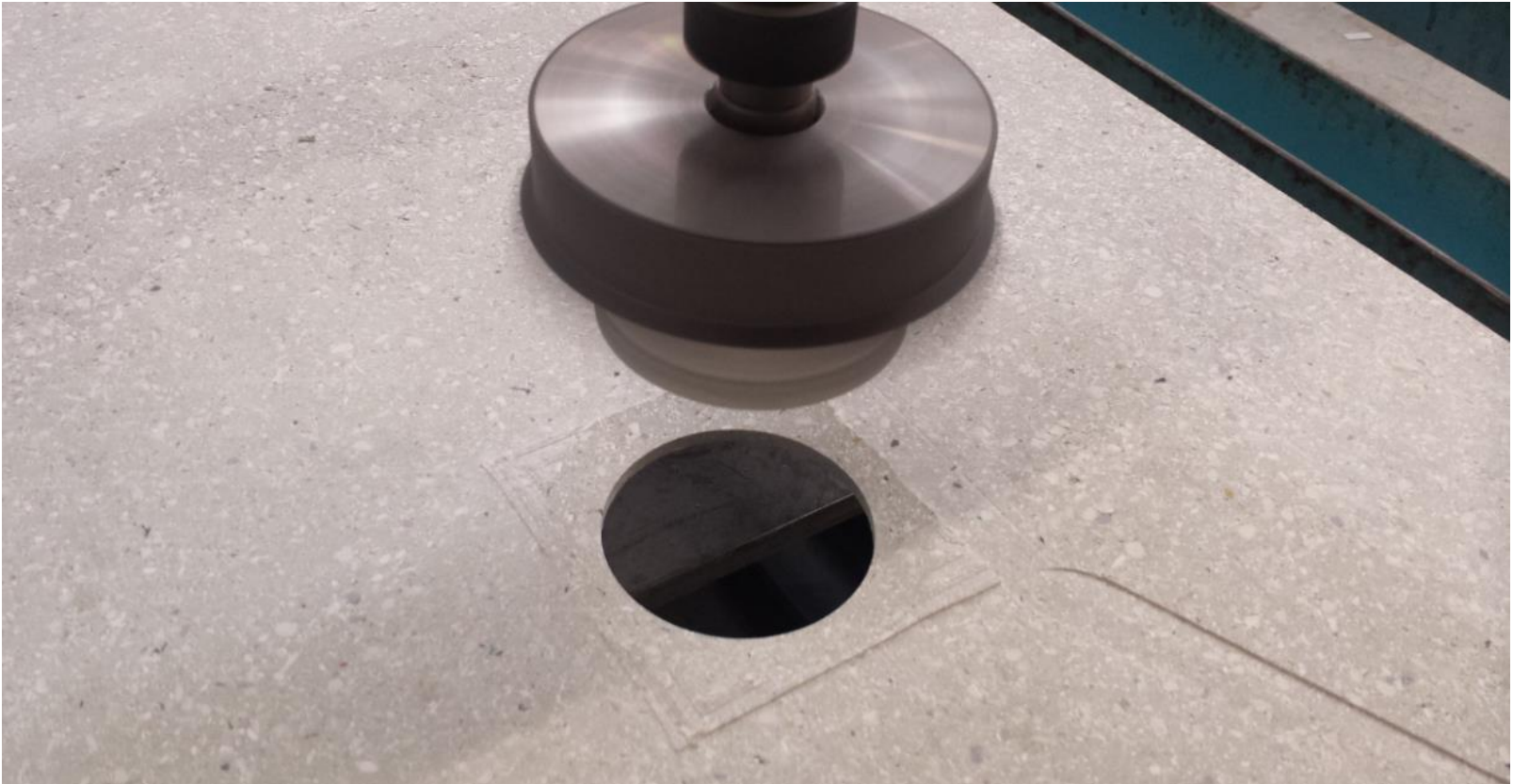
New products for living well-being

- Our panels are formaldehyde emissions free, totally water-repellent, bacteria resistant and recyclable again at end of life



Flexibility in processing

- the new recycled material can be processed combining carpentry and CNC milling



Flexibility in processing

- it can be finished on the surface with various techniques: lamination, micro cement, resins

Raw molded panel



finished



Modular density

- the density of the new materials can be calibrated from 600 up to 1200 kg/m³



Marketing competitiveness as an urgent goal

- being green is not enough to succeed; European market is highly competitive and requires increasing product performance
- new materials can be placed on the market if they guarantee stable parameters and quality
- we must achieve the right cost-performance ratio and provide new solutions for industrial design, human and environmental well-being



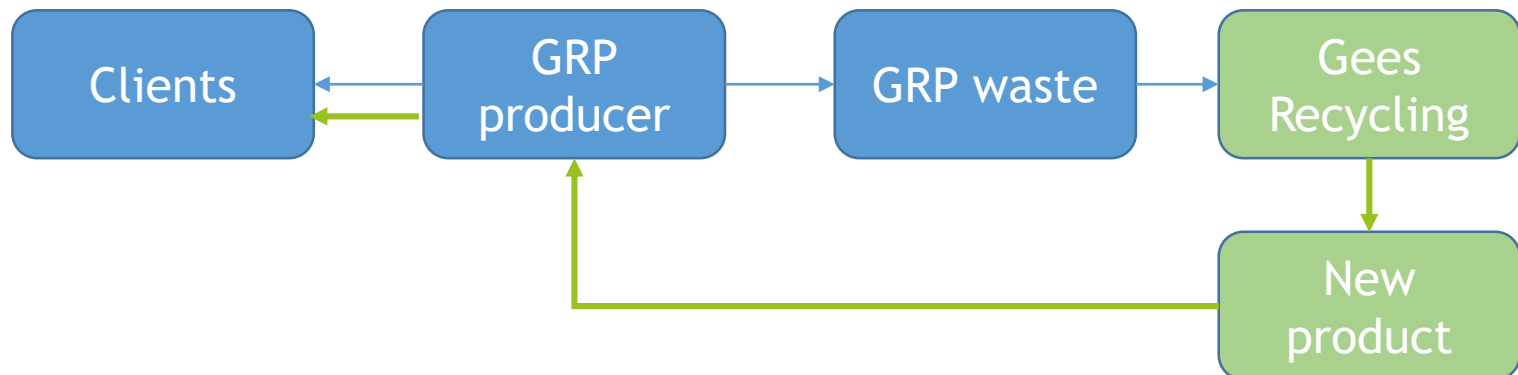
Transferring technical values of the GRP on new materials

- fiberglass is made to last for a long time even with strong chemical and climatic stress; the new recycled products can replace wood and other non-water-repellent materials



Increase the strategic value of the project and the growth of recycling volumes with the circular economy

- we develop new materials and processes that can be offered in the commercial circuit of the fiberglass waste producer



Circular economy example

- in advanced design phase in collaboration with Vetroresina SpA

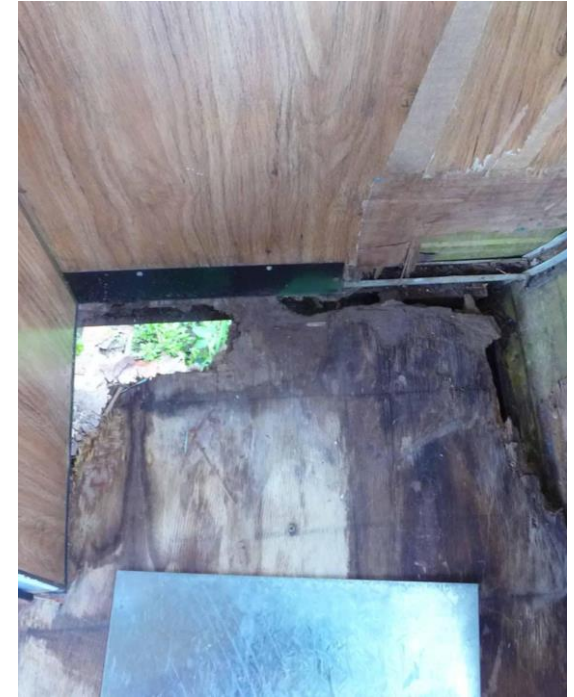
Composite waste panels for the manufacture of campers



New camper flooring material made by panels recycling



the new materials solve constructive problems of the campers



Work in harmony with safety and waste recycling regulations

- this is one of the main research commitments in the Retracking project; apply the best practice to achieve efficiency through compliance with the rules and consumer rights





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Project partners



Polo Tecnologico di Pordenone (IT)



Gees Recycling (IT)



Zavod za gradbeništvo Slovenije (SLO)



Infordata Sistemi Srl (IT)



Gospodarska zbornica Slovenije (SLO)

