



**WORKING WITH GURIT MATERIALS AND ENGINEERING HAS HELPED US ACHIEVE OUR VISION FOR THE NEPSHUTTLE; UNMATCHED PERFORMANCE IN TERMS OF ENVIRONMENTAL IMPACT, SPEED AND RANGE.**



**CORENTIN BIGOT**  
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<https://neptech.co/en/home/>



Above Image: The NepTech team with their demonstrator at the Vivatech event, Paris

**ECOLOGICAL PANEL SOLUTION FOR ZERO EMISSION FERRY**

NepTech are a company on a mission to implement the naval mobility solutions of tomorrow, including passenger ferries and cargo vessels. Their zero-emission fleet comprises 4 types of vessels, which, inspired by the automotive industry, are cleverly based on a common platform, with only the above-water parts adapted to their service environment.

With sustainability high on their agenda, they turned to Gurit when building a demonstrator for the NepShuttle, a passenger ferry powered by a zero-emission propulsion system. Gurit’s engineering team recommended materials from their ecological panel solution to meet Neptech’s needs for structural integrity and sustainability, including carbon neutral flax fibre from Bcomp and Gurit Kerdyn™ Green core, made with up to 100% recycled PET. Commenting on their decision to use Gurit materials, Corentin Bigot remarked “working with Gurit materials and engineering for this project has helped us achieve our vision for the NepShuttle: unmatched performance in terms of environmental impact, speed and range.”

**OVERVIEW**

Marine > Zero emission passenger Ferry

**TARGET**

Build a demonstrator for the NepShuttle, a zero-emission passenger ferry

**SOLUTION**

Materials from Gurit’s ecological panel solution, including Bcomp flax fibre reinforcement and Gurit Kerdyn™ Green PET

**BENEFITS**

CO<sup>2</sup> neutral flax fibre  
Gurit Kerdyn™ Green made with up to 100% recycled PET, sourced from plastic bottles

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