

TOP TEN

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Category: **Waterborne**

Country: **Türkiye**

Research Area 2: **Sustainable Mobility of People & Goods**

Idea Number: **74**

HYCata-Hope

HYCata-Hope (Powered by Hydrogen) is a zero-emission, environmentally friendly, zero-emission cruising catamaran that uses Sodium Boron Hydride as fuel and promotes the use of renewable energy sources. The Paris Agreement aims to mitigate climate change and its risks globally, and the maritime sector is expected to contribute to this goal. The Paris Agreement directs companies to new investments and research to reduce greenhouse gas emissions and reduce carbon emissions in order to keep the increase in global average temperature below 2 degrees Celsius compared to preindustrial levels and to limit the increase to 1.5 degrees Celsius as much as possible (Republic of Türkiye Ministry of Foreign Affairs, Accessed 20 July 2023). This catamaran has the potential to reduce carbon emissions and their impacts. And in these times when green energy is on the agenda, it could be a good alternative for companies..

