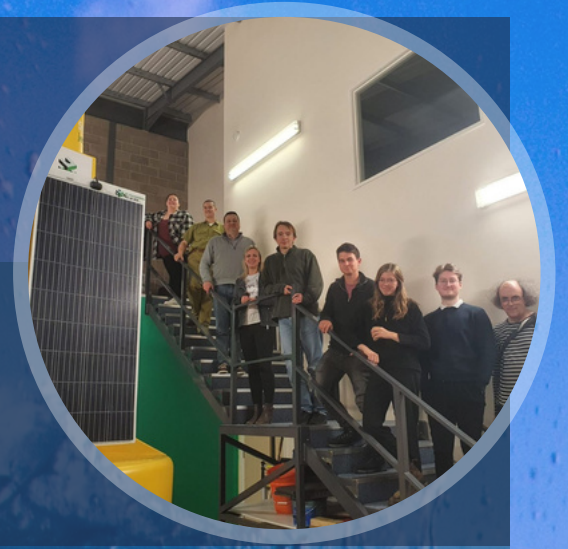




JET CONNECTIVITY
Extending Horizons



Name: JET Connectivity

Country: UK

Incorporated: 2020

Fund: Katapult Seed Fund 1

Problem:

There are currently thousands of people working offshore across a range of industries. A large majority are affected by the lack of affordable, reliable connectivity. Beyond the obvious safety implications, not being able to communicate with friends and family or access the internet as we do on land can have vastly detrimental effects on the wellbeing of workers, which has been recognised in an incoming international requirement for access to internet for seafarers. The continuous stream of people and vessels transferring information between the shore and offshore locations is also contributing immensely to carbon emissions. Unknown real time weather conditions and the inability to send emails or electronic documents impact operational efficiencies that would be improved with live information and high speed internet connectivity.

Solution:

JET Connectivity's unique floating 5G and live data platform solution has been specifically designed to meet the above challenges. Users connect to the robust 5G network without the need for specialist equipment and are immediately able to use internet and voice capabilities. The platforms also host a range of sensors which relay their data live over the network to give a real time picture of the sea state, weather, and other environmental factors. These can be used to reduce the reliance on carbon intensive vessels to collect and deliver the information. JET's in house built 5G systems are hosted on bespoke buoy platforms to deliver specific services to the users and location, which could include focusing on highest bandwidth or widest area coverage possible, depending on the use case.

Impact:

"We are committed to supporting a safe and secure, sustainable, smart operational, digital ocean which can only be achieved by providing the communications infrastructure needed to harness a multitude of other innovations such as autonomy, robotics, and fast-tracked growth of offshore renewables. We have found a gap in the market for reliable pop-up connectivity and are working with our customers to develop the most impactful solution setup for their sectors."

James Thomas
Founder, Jet Connectivity

