

Marine-i Discovery Room: Unmanned Air Systems supporting Offshore Wind

Thursday 25th March 2021, 10:00 a.m. to 12:00 p.m.

Agenda – All speakers confirmed

10:00 to 10:10 **Welcome & Introduction to Marine-i:** Simon Cheeseman (ORE Catapult/Marine-i)

Simon will Chair the event kickstarting with introductions and introducing the Marine-i project which is accelerating SME innovation in Cornwall.

10:10 to 10:30 **Introduction to Offshore Wind:** Tony Fong (ORE Catapult, Engineering Manager)

Tony is a licensed UAV pilot and engineering manager at ORE Catapult. He will provide an overview of the offshore wind market and an explanation of the technology.

10:30 to 10:50 **Emerging UAS performance Standards Offshore:** Robert Garbett (CEO Drone Major)

Robert will describe offshore drone operation best practice and lessons learnt as well as emerging Civil Aviation Authority regulations for beyond line of sight operations.

10:50 to 11:00 **Emerging Market – Floating Wind in the Celtic Sea:** Simon Cheeseman (ORE Catapult)

Simon will explain the strategy for deployment of floating wind in the Celtic Sea, the project pipeline and funding for new innovative technology.

11:00 to 11:20 **Cornwall Aerospace Hub:** James Fairbairn (Aerospace Hub)

James is the Aerospace and Space Business Development Manager, responsible for the Space and AeroSpace sector engagement, as well as Inward Investment of non-SME's into Cornwall. He will explain the role of the Hub and detail the support for drone operators at Newquay Airport.

11:20 to 11:25 **Falco Drones:** Patrick Maletz (Director Falco Drones Technologies Ltd)

Falco Drone Technologies Ltd is developing unique drone technology that allows for drastically improved flight performance of multirotor drones by mimicking bird flight. The technology has the potential to increase flight time from less than one hour (often no more than 20 minutes) to several hours (up to 6 hours in optimal conditions) and increase flight performance in high winds (over 50mph).

11:25 to 11:35 **Windracers:** Charles Scales (CEO Windracers Ltd)

Windracers is a privately funded not-for-profit organisation focused on providing transportation services to the humanitarian aid, research and environmental protection communities using unmanned aerial vehicles.

11:35 to 12:00 **Questions & Answers:** Simon Cheeseman

Simon will direct questions from the delegates to the presenters.