

Fuel oil emulsion: Trial points to significant savings

19th May 2015 15:05 GMT

Preliminary results from sea trials of a fuel oil emulsion (FOE) continue to look promising, according to one of the players involved in the project.

"The outcome looks as though it could reduce our use of fuel and the level of emissions as well as giving a significant financial saving," said Malcom Sims the engineer in charge of the project.

The trial involves the ferry *Arahura*, which is operated by **KiwiRail** in New Zealand as part of its **Interislander** service.

The three-month project is being run by **Blended Fuel Solutions (New Zealand)** - which provides the FOE technology - in conjunction with Interislander.

It is being tested in one of *Arahura*'s auxiliary engines.

"The trial is an example of the investment KiwiRail and the ship's engineering staff are making in reducing the company's use of fossil fuels," said Sims.

"FOE has lower harmful emissions compared with normal fuels and this improves Health and Safety for those who have to work with it.

"We are also exploring other alternative fuels such as biofuels, but none are yet as commercially advanced as the FOE technology," he said in a joint press release from Blended Fuel Solutions and KiwiRail.

"With the *Arahura* being retired at the end of July 2015, it provides a safe, known and reliable platform on which to conduct operational tests in a controlled manner."

"From here Interislander will be analysing the data from the trials further with our partners. While these are still early days, there is definitely scope for potentially installing the technology across the fleet."

Be the first to rate this story.

Your Rating: ☆☆☆☆☆



The *Arahura* provides a 'safe, known and reliable platform on which to conduct operational tests'

Nick Jameson, London News Desk, 19th May 2015 15:05 GMT