



Yacht Carbon Offset

Yacht Carbon Offset – News Release

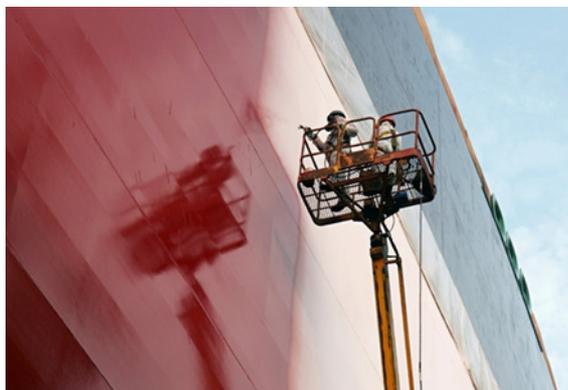
19 September 2016

Exciting carbon-saving projects: Shipping, Aruba, Mauritius and more...

Yacht Carbon Offset is the first purchaser of units from a pioneering shipping-related greenhouse gas reduction project, and is delighted to announce further premium projects, including on the islands of Aruba and Mauritius. Emission reductions achieved by a range of technologies are available to meet the requirements and preferences of participating yacht owners and their guests.

International Shipping – Advanced antifouling

The project consists of applying an advanced antifouling system to a fleet of 17 ships. The low-resistance coating, which is also free of biocides, increases vessel fuel efficiency. Fuel consumption data before and after the application of the coating are compared to determine the fuel savings achieved by the project, and hence the number of tonnes of CO₂ emissions that have been avoided.



Yacht Carbon Offset's Mark Robinson explained: *“Until now, the best greenhouse gas reduction projects have been specific installations at particular locations. This is the first where the credits are generated from an intervention on commercial ships. The methodology, developed between the Gold Standard organisation, the coatings manufacturer and verifiers RINA, carefully quantifies the fuel savings attributable to the advanced coating over one docking cycle.*

We feel this is a great project - highly relevant to us in the yachting community and the wider maritime sector. We are proud to have purchased the first available units for our clients.”

The monitoring undertaken for the project contributes concrete evidence for the performance improvement from this fuel-saving technology. This offers the indirect benefit of encouraging wider adoption amongst other vessels not participating in the project itself.

Other worldwide projects for 2016

Since 2008, Yacht Carbon Offset has supported a wide range of emission reduction projects, mostly centred on green energy where fossil fuels are substituted by renewable resources such as wind, biomass or hydroelectric. Money from the carbon offset service provides essential funding to each project, and in exchange the carbon savings achieved by the project are allocated to the yacht.

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Yacht Carbon Offset

To best meet the requirements of participating yachts, Yacht Carbon Offset regularly considers suitable new projects available in the international carbon markets,

Mark Robinson adds: *“For 2016 we have some new, exciting options available, in addition to the unique international shipping project. These include a solar energy project on Mauritius, where again we are the first international purchaser of credits, and a wind power project on the Caribbean island of Aruba. Demonstrating the spread of technologies available, our portfolio also includes a biomass to energy project in Russia and a geothermal power station in Turkey.*

In parallel, we maintain a requirement for each and every project to meet stringent criteria so that we can show how the greenhouse gas benefit is achieved and demonstrate full documentation as part of our Lloyds Register Quality Assurance certification.”

Yacht Carbon Offset provides a fully-documented service to counteract the carbon footprint of superyachts. For details, visit www.yachtcarbonoffset.com, where summaries of each of the projects supported through the service are provided. Detailed project documentation is available upon request in each case.

Ends.

The attached notes provide summary information about the projects mentioned and an overview of Yacht Carbon Offset. For further information or for a no-obligation quotation (which will reflect the selection of any of the premium projects) please contact:

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Notes to Editors:

Project summaries:

International Shipping – Advanced antifouling

The project consists of applying an advanced antifouling system to a fleet of 17 ships. Vessel efficiency data is compared before and after the application of the advanced hull coating to determine the fuel saving achieved by the project. This is the first greenhouse gas reduction project of its type in the worldwide shipping sector, and Yacht Carbon Offset is the first to purchase the Gold Standard credits from this project.

Mauritius – Solar power

The 15.2 MW photovoltaic power plant, on the western side of this climate vulnerable island, is the first project of its kind in Mauritius. Consisting of 60,800 solar panels, it is capable of feeding over 22,000 MWh per year of renewable power into the grid; sufficient to supply the needs of more than 35,000 people. Yacht Carbon Offset is pleased to have been the first international buyer of the VCS credits from this renewable power plant.



Aruba – Wind power

The project is the first wind farm on Aruba and is situated on the east coast of the island. It consists of 10 wind turbines, with a combined generating capacity of 30MW. The power plant has associated infrastructure to connect it to Aruba's grid, and is capable of producing 15% of the nation's electricity. Carbon credits issued in respect of the two years to April 2014 were verified to the Gold Standard in January 2016.



Turkey – Geothermal power

This project is the first geothermal plant to be built in the Çanakkale Province in Turkey. It has a capacity of 7.5 MW and delivers around 40,000 MWh of electricity per year into the grid. The project harnesses geological heat energy by circulating a geothermal fluid through an underground reservoir; this fluid reaches around 150°C and the heat is transferred at the surface to drive a turbine.

Russia – Waste biomass energy plant

This Gold Standard project is located at a wood products manufacturing plant in Kostroma province. It substitutes conventional peat & oil fuelled boilers with two biomass residue boilers to generate process steam. Each boiler has a capacity of 55MW, and uses wood residues from the manufacturing plant (and neighbouring facilities) as fuel. The biomass fuel streams include waste that would otherwise have been disposed of through landfill with consequent methane emissions.



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Yacht Carbon Offset provides a clear, auditable way to counteract the carbon footprint of a vessel's engines and generators. Tonne for tonne, the yacht's emissions are offset by equivalent greenhouse gas reductions from projects such as renewable power. Each project depends on the carbon funding, and Yacht Carbon Offset has Lloyds Register Quality Assurance Certification, so clients know that their action makes a real impact on net emissions.

The "pay as you go" service is calculated from the fuel quantities specified, whether a recent delivery, a single charter or for the whole season's cruising. There's no onboard equipment and there is no long term obligation for the yacht. The option can be included as an option for any charter client, or adopted as standard procedure by any yacht.

Carbon Offsetting is of interest to owners or charterers wishing to take practical steps to minimise environmental impact, and is also welcomed by prominent individuals or businesses that might welcome an "environmental upgrade". It is particularly relevant when cruising in environmentally sensitive areas.

Yacht Carbon Offset Limited is an independent UK company which launched its specialist service in 2008. It was delighted to be the winner of the 2011 International Superyacht Society Fabien Cousteau Blue Award.

Further details are available on www.yachtcarbonoffset.com