



**PRESS RELEASE**  
**RoRo Carriers – Total Fire Protection Solution covering EV's**

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PROPELWIND S.A.S., the shipping innovator based on South Brittany (France), has developed and filed for patent a comprehensive total fire protection solution for the carriage of cars on board Ro-Ro vessels including PCC/PCTS's, with special provisions to deal with EV's.

The solution covers the vessel arrangement, fire detection and firefighting, and integrates creatively key features e.g., transverse access and bulkheads, inert gas generators and a firefighting citadel. It can be applied for the retrofit of existing vessels or under construction / engineering as it follows to a large extent the existing decks arrangement.

The total solution is compatible with established technologies and requirements from other branches of the maritime industry e.g., cruise vessels, hydrocarbon tankers and offshore oil and gas. PROPELWIND has been working on this solution since months, aimed initially at the PCC version of its wind propelled cargo vessel design, but realized that the solution is fully applicable for engine propelled vessels of any size.

The total solution was triggered by the FREMANTLE HIGHWAY disaster and has been developed by PROPELWIND within 2 weeks after the disaster, thanks to the in-house capability of fast-track design, acquired by a vast experience with shipping and offshore projects and successful innovations.

For the next phases of the development of the concept leading to the commercial maturity of the solution, PROPELWIND is now looking for partners in engineering and fire testing.

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