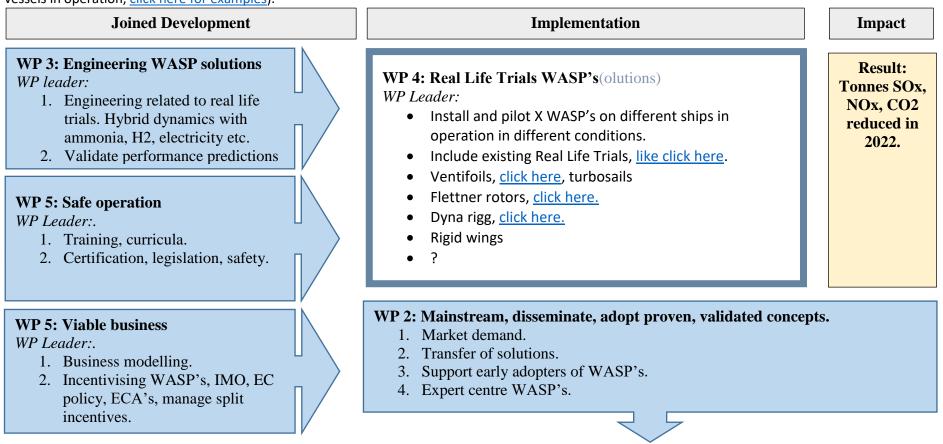
Green shipping by deploying WASP solutions. Interreg 5B, North Sea Region, <u>click here for eligible region</u>: Priority Eco innovation

SO: 1 Promote the development and adoption of products, services and processes to accelerate greening of the North Sea Region economy.

WASP's: 2019	2020	2021	2022
Rationale: Wind Assisted Ship Propulsion, (WASP) experiments have potentials to reduce fuel consumption with 5 to 25% and is an potentially emerging			
after sales market. Some experiments are running and start-ups are in preparation. For a market adoption third party validation and proven concepts are			
needed to enable a viable business. The WASP's project aims at connecting new and existing WASP real life trials, creating more credible data and			

preconditions leading to a market penetration of WASP solutions, thus greening NSR economy. (Quick win is possible, WASP's can be installed on existing vessels in operation, click here for examples).



Spin off; 100 new WASP's installed in operation in 2022 saving 15% Sox, Nox, CO2 emissions.

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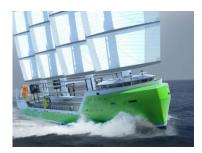
Looking for partners that are able to set up a real life trial in 2019 – 2021 on a merchant ship with 43% subsidy for pilot costs, depreciation, research, equipment. These can be match funded with national subsidies.

Partners sought in the NSR region click here:

- 1. Economy, SMES
 - a. Shipowners that will install WAP's
 - b. SMES producing selling WASP's
- 2. Education
 - a. Engineers
 - b. Universities
- 3. Government
 - a. Provinces
 - b. Municipalities
 - c. Ports

4. Civil society

- a. Associations
- b. NGO's
- c. IRENA
- d. IWSA





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