

FSP21 Project – University of the Oceans

FSP21 is the largest and most modern, square rigged, education, adventure training and research sailing ship in the world. FSP21:

a. is 515ft/157m long, has a 305 ft/93m air draft, is outstandingly elegant and has an environmentally neutral impact.



b. has a speed of 18 knots under sail, 20 knots under multi-engined biodiesel electric power, or 10 knots under battery or in the future hydrogen power. The batteries are charged, or hydrogen produced, by photovoltaic cells around the hull and in the 90,200 sq. ft./8,380 sq.m. sail area. Range on diesel fuel alone is 6,000 miles.

c. provides accommodation for 180 trainees, 20 scientists and 65 crew. 22 passengers are carried in elegant and comfortable surroundings.

d. is a prestigious University of the Oceans, with outstanding facilities for research into the environment and health of the oceans, as well as for academic and vocational courses up to post-graduate level.



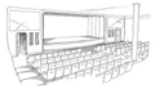
e. is technologically sophisticated and is an extraordinary example of green power with negligible emissions, meeting all international discharge standards. A 'green passport' is carried.



f. provides high quality, flexible facilities for conferences and exhibitions with over 400 m² of exhibition space, and is designed for visitors, attracting crowds wherever she goes.

g. provides comprehensive recreational facilities for all on board.

h. is a national flagship.



The £80M procurement costs will be found from organisations, trusts and individuals worldwide. Annual running costs of £6.7M will come from the trainees and their supporting organisations, from scientific research activities, from



visitors, passengers, exhibitions, corporate and national activities. An annual surplus provides bursary support so that lack of funding will not prejudice participation.

Mission statement

To provide, in an inclusive manner, for any young person, academic, vocational, challenging and life changing activities away from land distractions; to initiate life long friendships between young people from all countries through team work, tolerance and mutual understanding; to undertake research into the health of the environment and oceans and to monitor the planet; to research and demonstrate environmentally friendly maritime technology; to be a flagship for the nation.

Trainees

The trainees are aged 16 and over who will benefit from a period of life changing, challenging activity away from shore distractions. They are sponsored by local and national organisations, or pay their own way. They spend up to three months on board pursuing academic and vocational programmes. They assist the scientists and benefit from their involvement with the environmental research work going on around them. FSP21 will make an outstanding contribution to the lives of all the young people who sail in her.

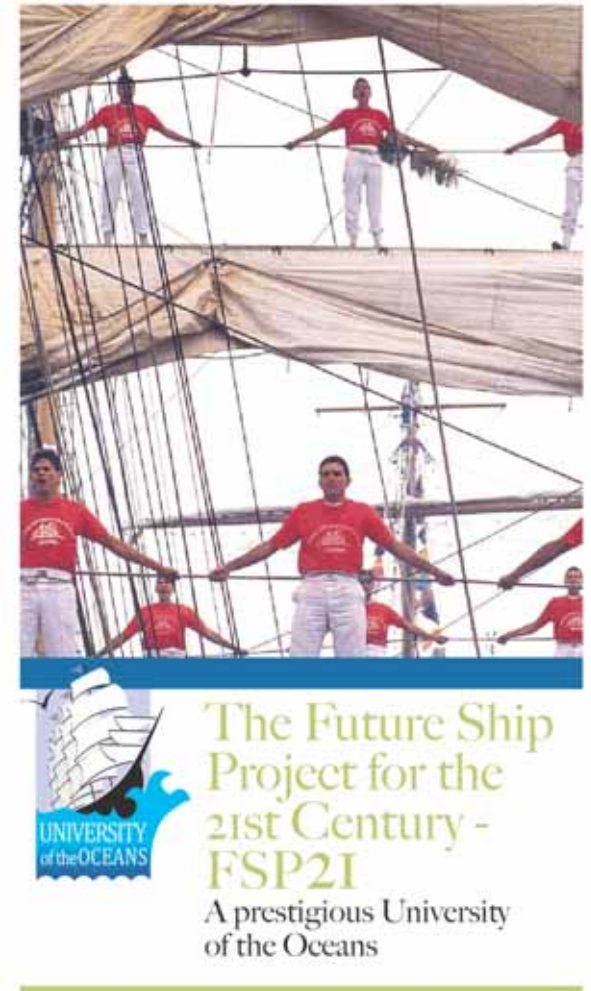
The FSP21 Project is a registered company number 4628964 and a registered charity number 1100118.

The FSP21 Project is registered in the USA under the Charity Aid Foundation, America.

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8 The Cadland Committee, Arthur Saluz, Colin Mudie, Max & BAS. FSP21 design 8 Colin Mudie



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Sparred length 515ft (157m)
Beam 56ft (17m)
Draught 26ft (8m)
Air draught 305ft (93m)
Displacement 4,000 tonnes
Sail area 90,200sq.ft. (8,380sq.m.)
Ship speed under power 20 knots; under sail 18 knots