

Plastiki boat's epic voyage

A catamaran made entirely of reclaimed plastic bottles is to sail across the Pacific Ocean to highlight the scale of plastic pollution and the ecological damage it causes to the world's oceans

PLASTIKI

20m-catamaran named in honour of Pacific crossing by *Kon-Tiki* raft in 1947

Frame

Recycled plastic lined with 12,500 CO₂-filled bottles for buoyancy

Desalinator

Processes up to six litres of water every 30 minutes

Hydroponic garden: Fruit and veg supplement rehydrated food

Satellite transmitter

Cabin: Sleeping accommodation, galley, comms centre, and compost toilet

Energy bikes: Pedal-powered turbine powers navigation and communication systems, as well as keeping crew fit

Solar Panels



START
San Francisco

U.S.

San Diego

North Pacific Gyre

Midway Island

Marshall Islands

Kiribati

PACIFIC OCEAN

Hawaii

Tuvalu

Vanuatu

New Caledonia

Lord Howe Island

Eastern Pacific Garbage Patch: Area of marine debris twice size of Texas trapped in core of ocean currents of North Pacific Gyre

AUSTRALIA

Sydney: On arrival, Plastiki will be broken up and all parts recycled

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