



### **About Kon-Tiki2:**

In this scientific expedition ancient maritime cultures meet hi-tech and the big data revolution to gain more knowledge about our ocean space and our maritime history. Kon-Tiki2 is a melding of history, science and public education the likes of which has never been seen before. More information is provided on [www.kontiki2.com](http://www.kontiki2.com).

Two teams, two rafts and two voyages - from South America to Easter Island and back – more than 5000 nautical miles. The rafts are equipped for full scale oceanographic research and the first attempt in our time to show how ancient mariners sailed the Pacific both ways. Opera Software makes the voyages online and a film crew produce a documentary for television.

The teams led by expedition leader Torgeir Higrav and chief scientist Cecilie Mauritzen will perform several types of research. A major goal is to quantify plastic content in the large ocean gyres. Kon-Tiki2 will be crossing the centre of the Southern Pacific Ocean Gyre and collect microplastic samples using a variety of methods, like manta trawl (Marcus Eriksen/5Gyres) and a brand new three stage sampler (NIVA, developed during the project Clean Sea), dividing the samples into different types of microplastic and different sizes (500 um, 300 um and 100 um).

### **More Research:**

- Marine life and plastic ingestion & entanglement
- Additives and toxicants travel with microplastic
- Deep Sea Exploration
- Global Ocean Observing System
- Wind, ocean currents and water temperatures during El Niño

### **2015 - 2016 Schedule:**

October 2015: Construction of two giant sailing rafts in Callao, Peru.  
On November 1st: Many invited guests will see the rafts sail for Easter Island.  
December 15 - January 1st: Easter Island  
January 1st 2016: Set sail for South America, Chile and Peru  
March 2016: Final landfall

### **Sponsors and partners:**

The Thor Heyerdahl Institute, 3A Composites, Opera Software, Kongsberg Maritime, The Norwegian University of Science and Technology (NTNU), The Norwegian Institute for Water Research (NIVA) and The Peruvian Navy.

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