



Azura Marine Earth presents: Mission “Surya Namaskar”

Mission “Surya Namaskar”

This will be the first circumnavigation ever around Bali on a sun powered boat. The 10 day voyage will take place in 2017. Surya Namaskar, a traditional jukung - Balinese fishing boat -, will sail from sunrise to sunset and will rest at night on the Balinese shores, giving the

opportunity to interested people to come and meet with the crew and have a close look at the boat. The mission's aim is to prove that alternatives to outdated polluting engine boats already exist. We will show the reliability, economic viability and great potential of solar power.

Education & Awareness of the Youth

In the first half of 2017, “Surya Namaskar” will undergo a thorough conversion to become the only traditional fishing boat in Indonesia solely powered by the sun. The works will be documented and technical information will be posted on our website, in line with the “copyleft”

philosophy of this project: The more we share knowledge the faster it will spread! To raise environmental awareness of the youth and to create vocations, free educational eco-workshops about the fundamentals and the potential of renewable energies will be offered to schools.

Local Communities & Tourism

After proving this technology is technically solid and economically viable, our intention is to replicate boat conversions in Bali and other regions of Indonesia. For local fishermen and small inter-island ferries, at the current gasoline price in Indonesia, the ROI for such solar/electric propulsion would be 4 to 6 years, depending

on how frequently the boat is sailed. Our solar boats can be sailed every day cost-free and require minimal maintenance. The solar installation will have a minimum of 20 years life span. For the tourism industry and dive centers, the ROI can be as short as 3 years as they go out at sea almost every day, weather conditions permitting.

Social Responsibility

Boat conversions or new solar/electric boats sold to tour/ferry operators, dive centers and eco-resorts will generate a profit that will be fully and transparently used to help local communities access this new technology (under the micro-credit scheme). Solar electric boats will

generate substantial electrical power every day. If not sailed, they can be used as a clean power plant and provide electricity for the village (equivalent to 10 to 20 individual households) for free. We will also teach people how to make their own solar panels and donate materials.

Support & Sponsors

To raise awareness of a wider audience, We would like our mission "Surya Namaskar" to be featured in the press. The combination of the magical location of Bali, renewable energies, social impact, adventure, exciting photo and video material and positive social impact is an appealing

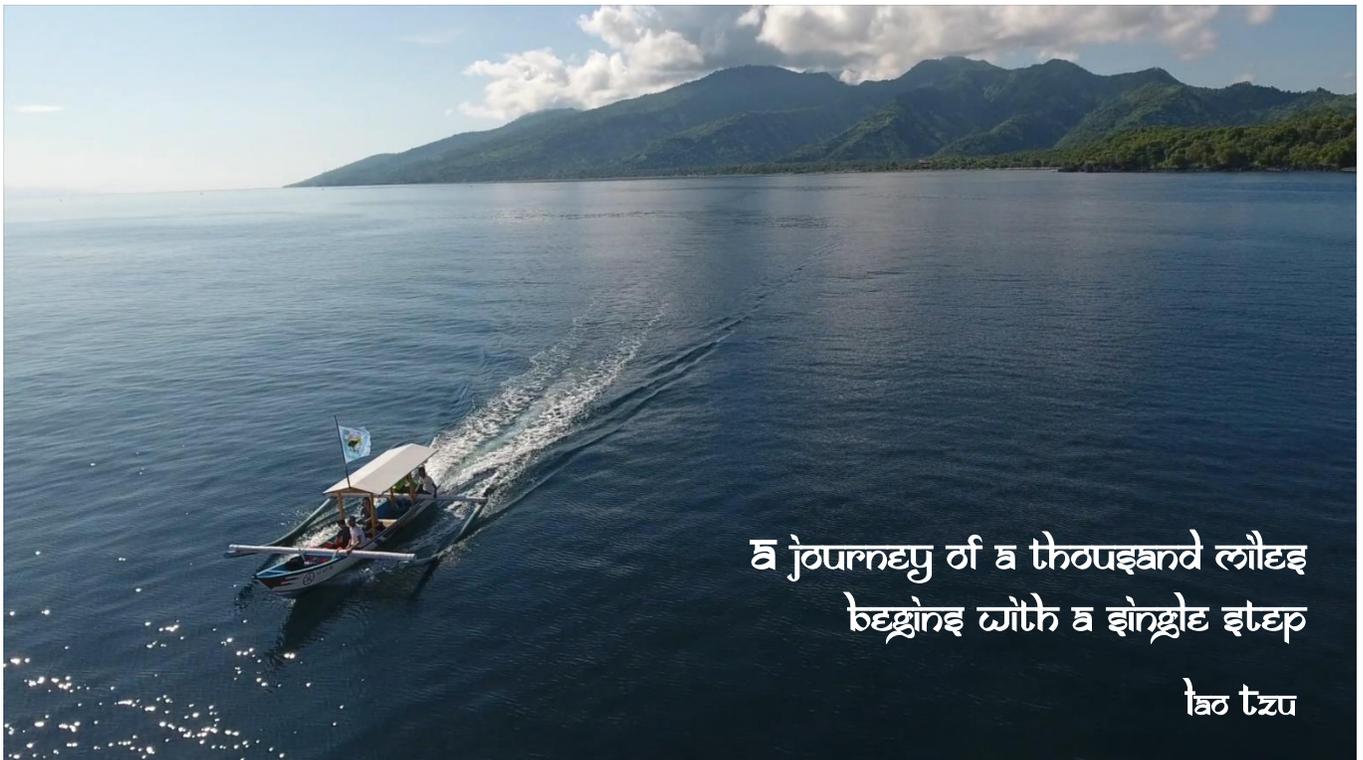
mix for various audiences. We will provide extensive written material and professional pictures/videos (including drone shots). Press partners will be referenced on our website and their names can be displayed on the boat and crew's apparel.

Contributions: www.azura-marine.com/participate
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facebook.com/azuramarineearth
instagram.com/azura.marine.earth

Surya Namaskar's particulars:

- Length: 8 m
- Beam: 5 m with 2 outriggers
- Crew: 6 pax.
- Cruising / Max Speed: 6/10 knots
- Solar Panel Area: 28 m²
- Max Solar Power: +/- 5 kW
- Battery Capacity: 8 kWh
- Range / Autonomy w/o Sun: 25 km / 3 hours
- Electric Motor Power Rated / Peak: 15/25 HP
- Propeller: High efficiency, 5 blades, Ø 320 mm
- Navigation: GPS
- Lights: LED
- Power & Connectivity: 220V, USB ports, WiFi
- Entertainment: Bluetooth sound system



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