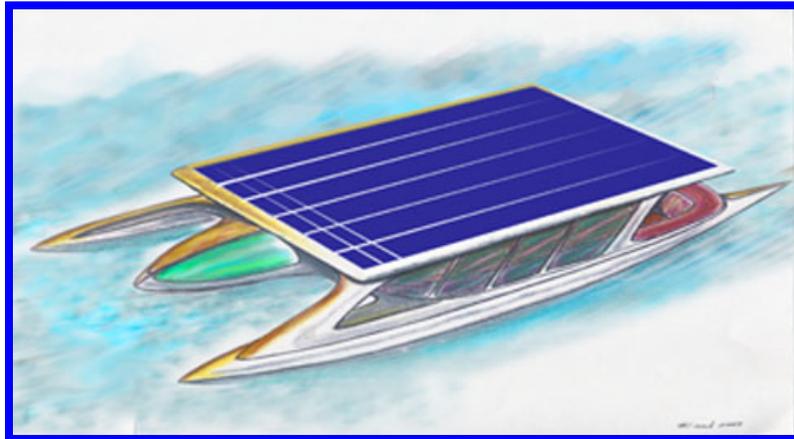


**Business Proposal:  
Solar Powered Live-aboard Catamaran  
Seeking Investors**



In 1982, Jonathan Cole founded Light On The Earth Systems to develop products that integrate many renewable energy and electronic technologies to provide a high standard of living with a low impact way of life. "Light on the Earth" means little or no pollution and durable products that minimize resource depletion, and at the same time maintain user-friendliness, affordable costs and profitability. These are the kind of products necessary for a healthy society and economy.

In 1996, Mr. Cole began a process of development of a new product category, the Solar Powered Live-aboard Catamaran, which integrates the high technologies of solar energy, electronics, and multi-hull luxury boats. At that time it was becoming clear that the combination of these technologies would enable the creation of products that were never before possible. Our live-aboard boat will be capable of generating all of its energy needs including power for propelling the vessel.

**New Product Category**

This new cross-over category of pleasure craft is designed for utilization as a waterfront apartment, as a resort unit, and as a vessel for recreationally exploring the marine environment, safely and without noise, fumes or any pollution, whatsoever. Mr. Cole, having 29 years experience with solar energy technology, has lived in solar powered homes of his own design for many years and has been developing solar products and product concepts since 1984.

Since 1996, Mr. Cole has committed hundreds of thousands of dollars of resources for research and with the assistance of other experts from around the world has developed the engineering proof-of-concept. Now with the outcomes of global warming, and the rapid growth of solar energy products getting increasing attention, the time is right for the manufacture and marketing of this product.

All technical aspects have already been demonstrated so there is no new technology involved. (In 2007 a solar powered catamaran of similar size to our design, successfully crossed the Atlantic at speeds rivaling sailing yachts.

<http://news.bbc.co.uk/1/hi/world/europe/6509677.stm> and a solar powered catamaran designed by a New Zealander has now circumnavigated the world.

<http://www.planetsolar.org/>



Our product integrates leading edge, currently existing, mass-produced technology in ways that will yield intellectual property and a successful, durable product. Manufacture of the hulls and cabin components can take place anywhere in the world where the manufacturing expertise and cost factors yield the best value. These components can then be shipped via containers to assembly points world-wide. Local boat-building firms will be contracted to assemble these craft for the end-user.

Requiring a careful engineering analysis, and a business strategy to allow the opening of world-wide markets, a concept has been developed which now has the necessary engineering and manufacturing personnel identified to begin to carry out the business plan. An investment commitment of \$10 million is sought. Yielding as much as ten-fold return on investment over five years and up to fifty-fold return over ten years, this business venture will profit from what will likely be the largest product category of the twenty-first century – renewable energy products.

Interested investors may contact Mr. Cole directly.

## Executive Summary

### The Concept:

#### A Solar Powered Live-aboard Catamaran

- The ultimate luxurious live-aboard boat designed for low maintenance, total reliability and minimal operating costs.
- Utilizing the most efficient hull-forms to conserve energy allows 50-100 mile daily range at 10 miles per hour.
- Completely powered by renewable energy utilizing photovoltaics, wind, regenerative braking and water current generators

- 16 meters (52.5 feet) long, 7.5 meters (24.6 feet) wide
- 100 square meters (1000 square feet) of living space
- Power system is comprised of a 15 kW Photovoltaic (solar-electric) array, 1500 watts of wind generation, with 30 Kwhr of battery storage and two 9.2 kW electric drives.
- Solar hot water, water collection and solar distillation.
- Air-conditioned; all electronics including large screen entertainment system; 5 screen CCTV for total vision of exterior allowing the boat to be piloted by one person; all modern appliances showcasing energy efficiency and conservation; waterless toilets; hydrogen on demand for cooking.
- Designed to be shipped in parts by container and assembled at local boatyards.
- The ultimate houseboat for use in shoreline cruises, inland waterways and short blue water crossings.

#### Financial objectives

- Estimated sales: 10,000 boats over ten years
- Estimated manufacturing cost per boat: \$250,000
- Estimated shipping and assembly cost per boat: \$40,000
- Estimated sales price: \$500,000
- Estimated reinvestment from earnings over 10 years: \$100,000,000
- Estimated 10 year profit before taxes: \$2,000,000,000
- Estimated 5 year return of initial \$10 million investment

Jonathan R. Cole, MBA

Founder:

Light On The Earth Systems

Honokaa, Hawaii 96727

Tel.808 775-9145

Cell/Mobile: 808 640-0127

Email: joncole@gmail.com