



Press release SCN2010\_002

December 6, 2010

FOR IMMEDIATE RELEASE

## The GreenCat has claws

**Anthony Howarth announced today that the start of the record breaking voyage of The Solar Circumnavigator, The Global GreenCat, will be in May 2011.**

"It is time to up the stakes and up the pace" Anthony said today in Charente Maritime, France.

"We are ten years into the twenty-first century and these targets for often ignored direct solar power represent engineering problems governed by normal Newtonian mechanics and a bit of nerve and a bit of luck - not exactly rocket science."

"If there is to be any hope for the planet and the future of the Human race, we have to be able to do substantially better with a solar powered boat in 2011 than my best, already 20 year old, 1990 solar round the world voyage predictions of 150 days!"

## Round the world in 120 days

Anthony Howarth added, "For the voyage to have any useful meaning it must be fast and authoritative. And, it must, as planned before, be powered only by photovoltaics.

No hybridisation, no hydrogen fuel cells or use of bio-fuel. No gas or fuel even for cooking or for powering auxiliary systems. No net greenhouse gas generating alternatives. Just passive photovoltaics of the most efficient and short energy pay-back kind available."

"Obviously, for the non-stop (pausing only for passage through the canals) voyage we have no option to look at anything more than 120 days. That is an average of 9 knots, day in day out. A speed more than competitive with commercial shipping. I re-iterate, The Voyage of The Global GreenCat, the solar circumnavigator must be fast, authoritative and inspiring to show that photovoltaics are one of our very best practical hopes for energy in the future."

The Global GreenCat's circumnavigation will be on the most direct route using the two canals. From the Lizard Ushant line at the mouth of the English Channel to Panama and on to Darwin, Australia, or (direct to Singapore), then the Suez Canal and back, through the Mediterranean, to the English Channel.

Stichting Peoples Projects Foundation  
Salland 60  
8245 CJ Lelystad  
Netherlands

Triodos bank, BIC TRIONL2U  
IBAN NL18 TRIO 0390 2420 63  
Chamber of Commerce 32152705

Tel. +31 (0)87-784 7819  
Fax +31 (0)87-784 1970  
info@peoplesprojects.net  
www.peoplesprojects.net



## The project

A nautical adventure with passion.

The Global GreenCat project was initiated in 1994. Anthony Howarth had been involved with ideas for solar power, especially in practical transport, from the late 1970s. The GreenCat project continued for several years during which time a great deal of support was offered from the marine industry but no financial sponsorship was forthcoming. The project was shelved in 1997.

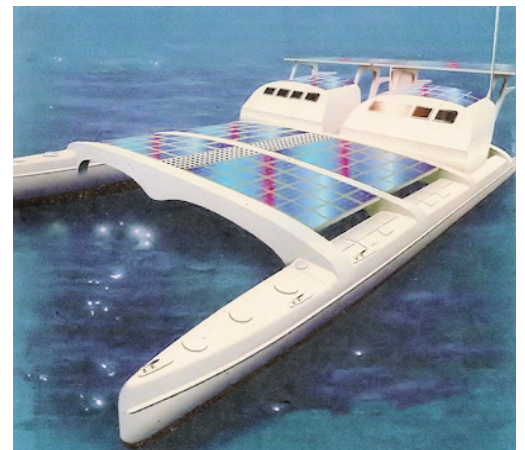
In the meantime Anthony Howarth has undertaken a number of serious and successful experiments with solar powered vehicles, building on his experience with a small solar boat starting in 1990.

Last year, with help and support of the Peoples Projects Foundation, the project was re-initiated. In fact learning about this exciting endeavor initially inspired the creation of Peoples Projects Foundation, and it is The Solar Circumnavigator that has been chosen as the first project.

## The boat

The Global GreenCat (green catamaran) will be built from plywood, the most environmental friendly product for a boat of this size and displacement. Also plywood, used correctly, is lightweight, economic, durable and practical.

Length over all (L.O.A.) is 18 meters and width (beam) 9 meters. The finished GreenCat will have 120 m<sup>2</sup> of solar panels installed which, as they self-orientate toward the sun and in combination with lightweight batteries and electric motors, will give it an average speed better than 8 knots and an maximum speed of 15 knots. Displacement (weight) of the boat equipped for the voyage is expected to be about 8000 kg.



Practical for a single-handed or double-handed voyage, the boat could carry groups of 12, or more, for local or day trips.

In a world obsessed by appearance and style, the Global GreenCat will be outstanding, an iconic image. This is not an existing boat or ferry boat design with some solar panels mounted on or above the deck. It is a pure solar boat pointing like a dart to the future of clean energy and transport. Visually The Global GreenCat ripples and shimmers and has claws!

## The schedule

- |                |   |                                          |
|----------------|---|------------------------------------------|
| February 2011  | - | Finish the hulls and superstructure      |
| March 2011     | - | Fit Solar panels and drive system        |
| April 2011     | - | Install Batteries, testing, provisioning |
| May - June     | - | Start voyage                             |
| September 2011 | - | Voyage completed                         |



### **The budget**

The Solar Circumnavigator project budget is approximately € 1 million.

Budgets cover all activities - boat construction, equipment and hardware, software, and voyage logistics and communication, from inception to wind-down.

### **You can help!**

The Foundation, via the internet, is seeking support from the public and financial or trade sponsors.

If you want to know more about the sponsor opportunities for The Solar Circumnavigator please find the pdf-document with sponsor opportunities on our website [www.thesolarcircumnavigator.com](http://www.thesolarcircumnavigator.com) .

Apart from financial sponsors we are currently looking for (sponsored) materials to complete the construction of the boat in the new year.

Anthony Howarth  
Dixon van Iersel

### **Contact details**

**Peoples Projects Foundation**  
Artemisweg 145 G  
8239 DD Lelystad (NL)

Phone: +31 (0)320 - 76 00 27

Email : [info@peoplesprojects.net](mailto:info@peoplesprojects.net)

Web : [www.peoplesprojects.net](http://www.peoplesprojects.net)

Email: [info@thesolarcircumnavigator.com](mailto:info@thesolarcircumnavigator.com)

Web: [www.thesolarcircumnavigator.com](http://www.thesolarcircumnavigator.com)