

The Ocean is the lifeblood of our Beautiful Earth.



## CHALLENGE TO BREAK WORLD RECORD FOR ECO AWARENESS The longest uninterrupted stay beneath water. June, 2008.

Shaun Waterford launches World record attempt to raise awareness of Ocean conservation.

There are very few new spectacular engineering projects these days.

This is one of the few .

Habitat Waterford is a semi permanent self supporting underwater habitat in which our team seeks to shatter the World record for a human to live underwater.

It represents over 5 years of research, consultation and has over 35 contributors, engineers, divers, builders, futurists and many disciples of underwater studies.

The habitat will be built by renown construction companies,

[www.dome-homes.com](http://www.dome-homes.com) - Ralph Graham

[www.monolithic.com](http://www.monolithic.com) - Andrew South.

The record now stands at 69 days.

Our team intends to go down for 3 months.

The attempt will have corporate sponsorship & the habitat will be auctioned off afterwards. Money raised will be donated to those organizations dedicated to Ocean preservation.

Energy and Construction technology will lay the foundation of new human habitation. A role model for a diverse future.

To become true Stewards of our Oceans, we must study it, learn from it and care for it.

# Habitat WATERFORD



Usage Number One:

The habitat has 4 open ballast tanks.

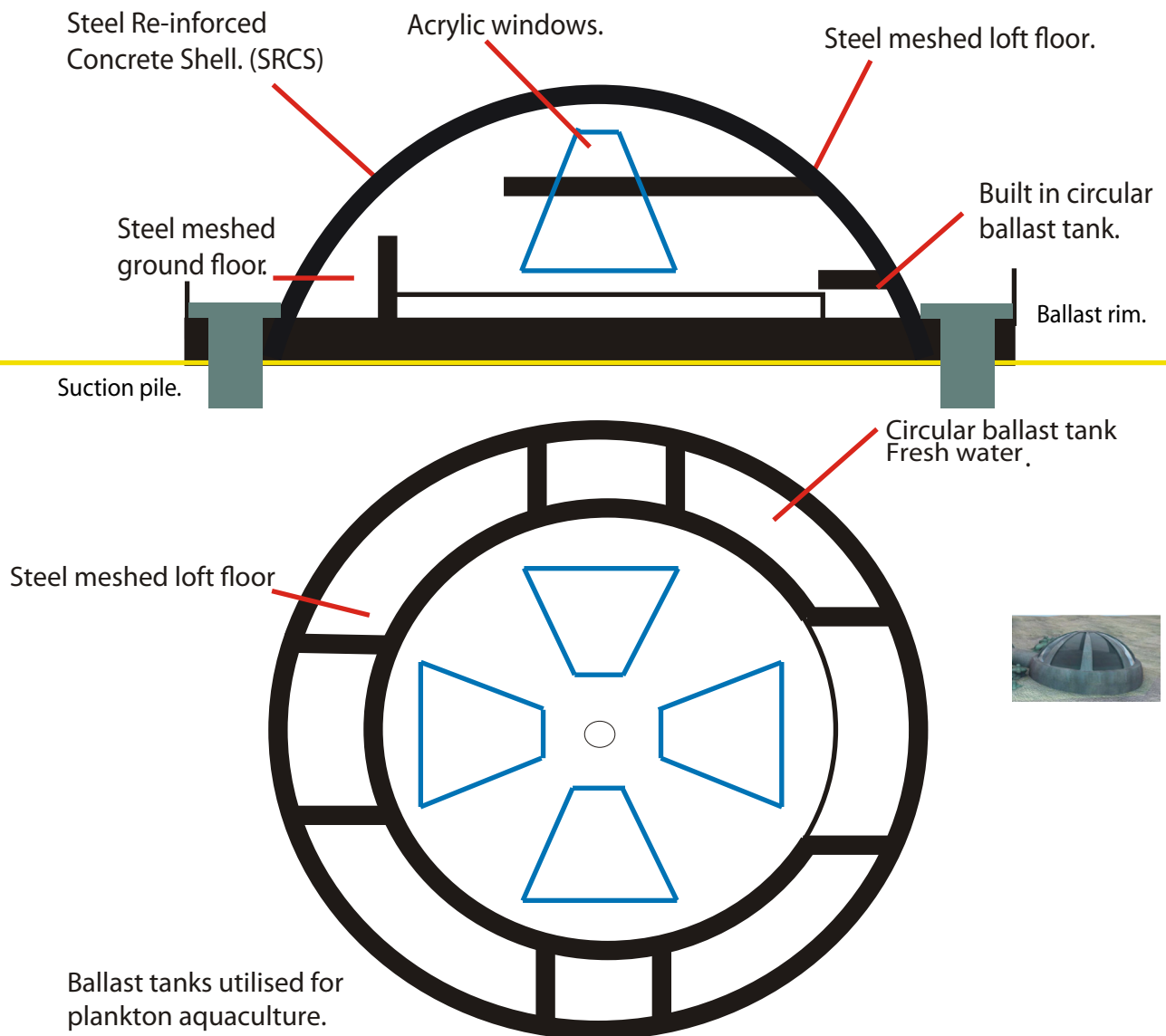
These ballast tanks will be used for the mass propagation of Phytoplankton and Zooplankton.

The mass production of Phytoplankton will act as a Carbon sink for the habitat.

Each propagation cycle in turn will be pumped into the immediate environment and artificial reef.

Thus supplying the "building blocks" of life to the controlled environment for species building.

## Habitat Dome:



# Habitat WATERFORD



Usage Number Two:

Exclusive living quarters.

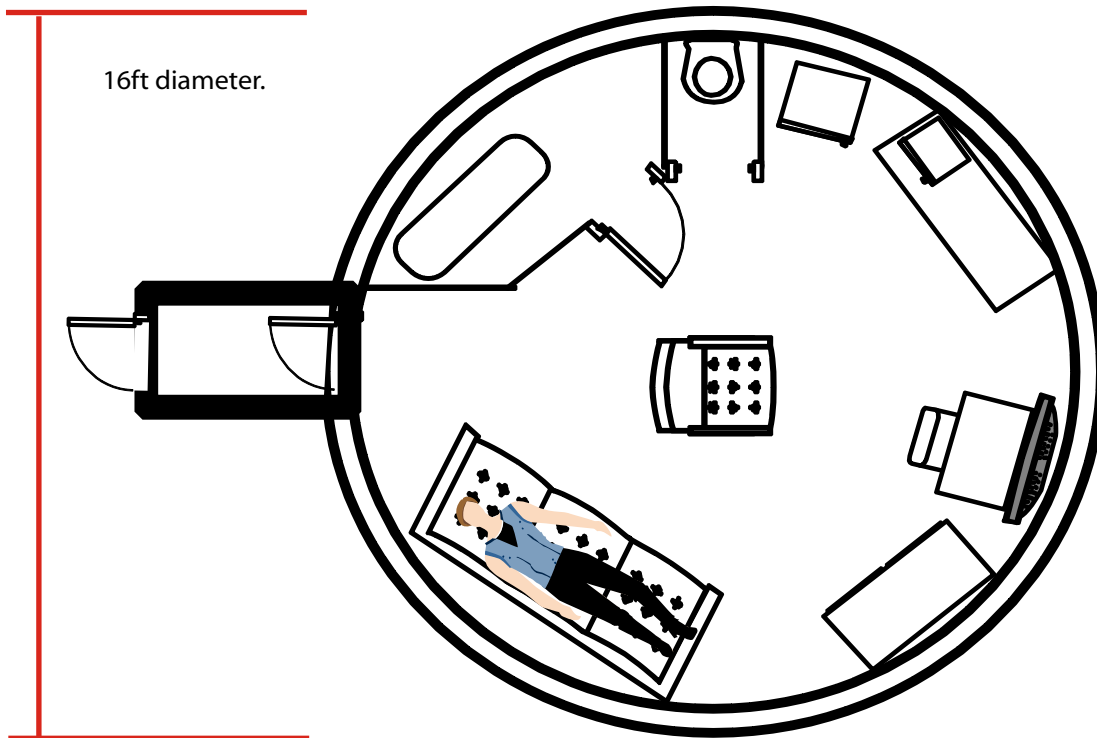
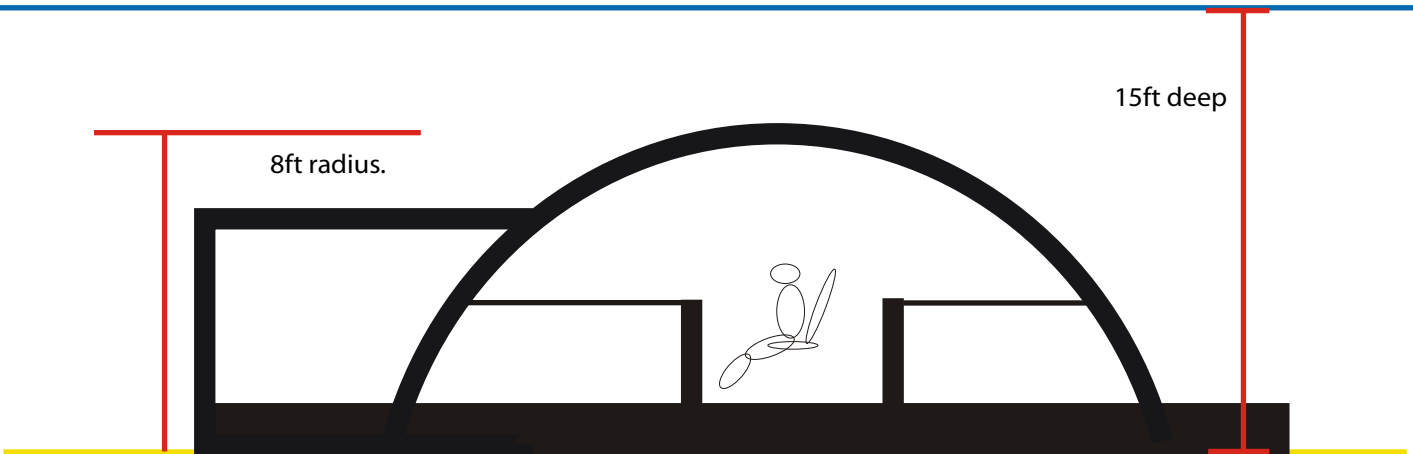
The habitat is semi permanent and can be linked to other underwater modules.

It can be totally self supportive utilising sea level energy support units.

Would be perfect as an eco accomodation unit for guests.

Could be used as an aquaculture/ environ monitoring station.

3 Months Underwater to break the World record of an uninterrupted stay.



# Habitat WATERFORD

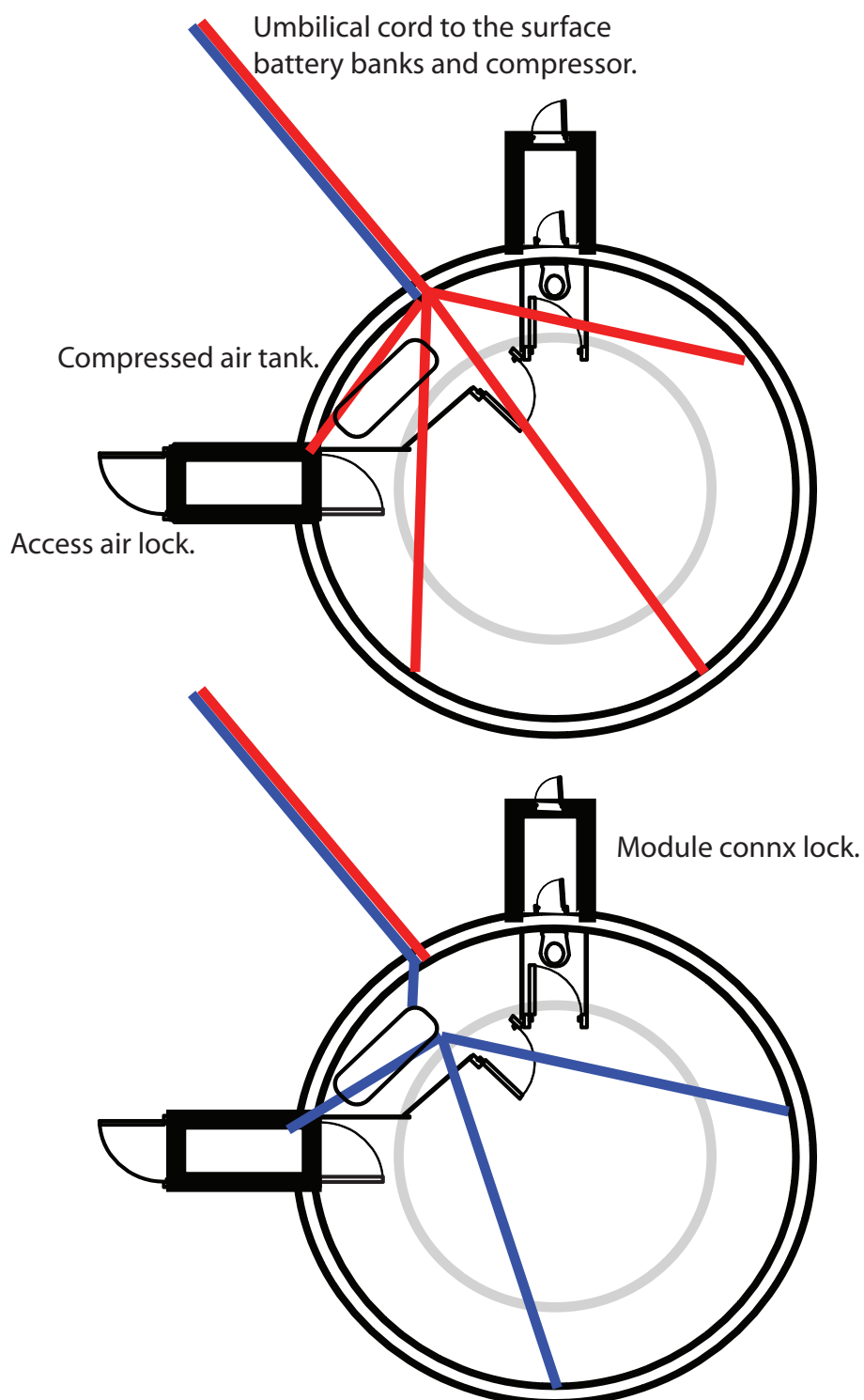


3 Months Underwater to break the World record of an uninterrupted stay.

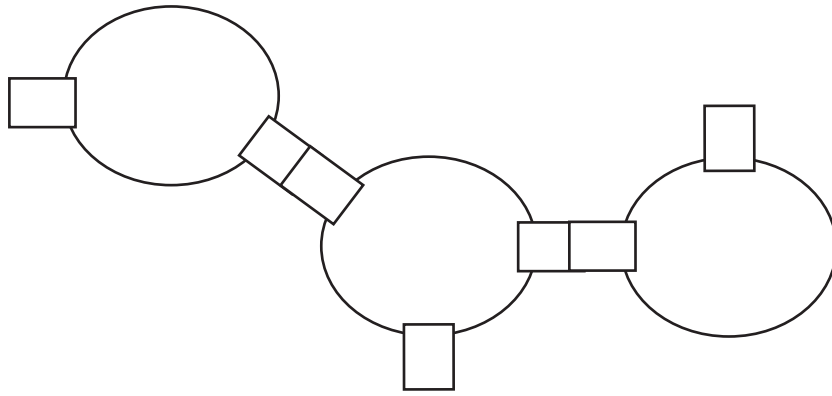
## Air and Power conduits:

All conduits layed in the foundation.

- Power
- Air



## Modular design for expanding colony.



The habitat is equalised at 1 atm or Sea Level.

It incorporates state of the art hydroponic systems for growing food and to modify atmosphere. Co<sub>2</sub>/O<sub>2</sub> exchange.

Also, advanced hydroponic principles will be applied for basic operations.

The aquaculture of Phytoplankton (carbon sink) and Zooplankton on board the habitat, will enable the habitat to directly contribute to the aqua location.

Plankton is regularly pumped from the onboard ballast tanks to the surrounding seascape, to supplement and build on the area to support life.

Artificial reefs, high nutrient levels, high Oxygen levels, high Phytoplankton and Zooplankton content, desirable species, tidal waters = a viable aquaculture propagation.

Usage Number Three:

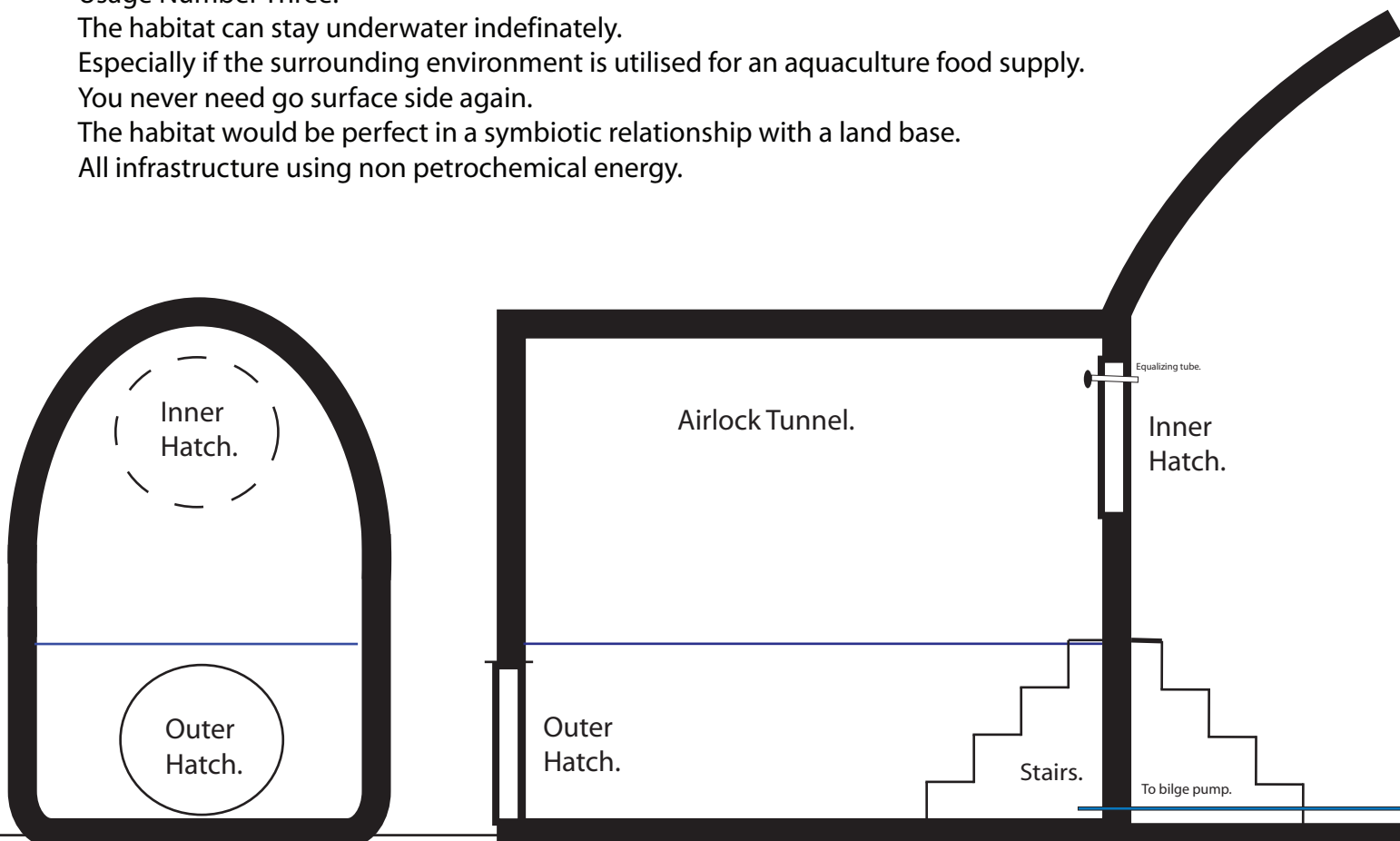
The habitat can stay underwater indefinitely.

Especially if the surrounding environment is utilised for an aquaculture food supply.

You never need go surface side again.

The habitat would be perfect in a symbiotic relationship with a land base.

All infrastructure using non petrochemical energy.



# The long term Dream

## OCEAN Colony WATERFORD

A symbiotic relationship between Land and Ocean.

OCEAN Colony Waterford is a peace colony working in a land and ocean symbiotic relationship.

It is an affordable colony where people can share mutual objectives of humanity and thrive without any usage of petro chemical energy.

It will be a role model for future villages.

Mankind in this model will become custodians and stewards of their environment and not the destroyers.

In fact, mankind there will maintain and propagate both land and ocean.

This is my dream. This is my goal.

To create anew the gardens of Eden.



Resort amenities

Community meeting places

Permaculture, Horticulture, Solar and Wind harvesting

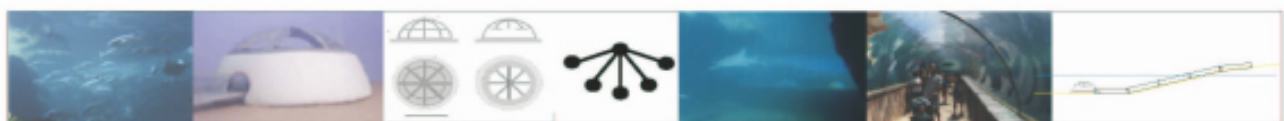
The Land Colony:

The land aspect of the colony is the base for greenhouses, alternative energy (solar/wind), the sewerage treatment works (natural permaculture), cabins and camping grounds, airstrip and communal work and gathering areas.

The land colony will be a place of work too. Everything from artists, craftsmen and education pursuits.

Through permaculture, the land will be cared for and propagated to its full potential.

Without the use of any petro chemical energy.



Underwater habitats

Elite Real Estate

Eco resort

Aquaculture

Readily accessible

The Underwater Colony:

The Underwater habitats designed by Shaun Waterford work symbiotically with the Land Colony.

It incorporates aquaculture and seascape design to provide maximum benefit to all.

With no use of petro chemical energy.

The domes will be utilised extensively for aquaculture and for the study and monitoring of the surrounding Ocean.

Also the Underwater habitats will be utilised for resort enjoyment.

# Habitat WATERFORD



Modern structure, techniques and technology will be demonstrated to the Global community and attract worldwide publicity.

## Corporate Contribution:

The goal of the project is to engage corporate entities to sponsor the World record attempt with all proceeds being donated to Ocean conservation organizations.

A wide range of businesses can benefit from the publicity of our team breaking the World record.

## Advertising Exposure:

- Naming rights.
- International Media coverage.
- Unique high profiled project.
- Documentary for television.
- Advertising rights.

## Target Market:

Because this is a World record attempt of a very complex nature, it will require the support of the corporate sector.

These are the obvious sponsorship opportunities of interest:

- Construction companies. ( Resorts, materials, eg. brand of concrete.)
- Plastics companies.
- Lifestyle/design companies.
- Technology companies.
- Telecommunication companies.
- Electronics companies.
- Food companies.
- Television documentary companies.
- Entertainment companies.
- Energy companies. (Solar, wind).
- Clothing companies.
- Ocean resorts. (Location for the record attempt.)