

# BEST 2009

**Company Name: Sea6 Energy**



Sea6 Energy was started by a group of graduates and researchers from IIT, Madras, India's leading Technical Institute. The group has been working together on synthetic biology and micro-algal Biofuels for more than 2 years, before understanding the inherent advantages of seaweeds and Macro-algae and founding Sea6 Energy to take those concepts and create a renewable alternative to fossil fuel. Incubated at IIT Madras, Sea6 Energy is also mentored by senior biotechnology industry professionals and entrepreneurs.

Sea6 Energy is developing a new bio-process for converting seaweed into biofuel that uses sea water for the process steps. Seaweed biomass is rich in carbohydrates which can be converted into sugars. Typically, sugars can be converted into alcohol and other fuels by biotechnology. But the chemical composition of seaweed biomass is significantly different from land plants. These differences need the development of new biotechnology to convert this kind of unique marine biomass into sugars.

<http://www.sea6energy.com/>

## **Team from IIT, Madras**

### **Team Members:**

Mr. Nelson Vadassery

Mr. Sayash Kumar

Ms. Shailja Noori

Ms. Sowmya Balendiran

## **Partnership with Novozymes:**



Research collaboration between Novozymes and Sea6 Energy will explore enzymatic technology to produce fuel ethanol, fine chemicals and protein from seaweed.

## Awards:



Sea6 Energy awarded "**The Emerging Company of the Year**" at Bangalore India Bio 2012!



**Windmill Health Technologies**™  
Innovating for Health, for Everyone™

## Company name: Windmill Health

The vision of Windmill Health is to provide affordable healthcare to the masses worldwide. The mission is to improve healthcare by developing high impact and low cost solutions that increase access and improve the quality of healthcare. The objectives are to identify unmet clinical needs, develop product and service solutions and implement the solutions to the market, both in the developing and developed world.

<http://www.windmill-health.com/>

## Team from IIT, Bombay

### Team Members

Ayesha Chaudhary