

# Algaepower

## ENVIRONMENTAL NOTICE

In the contest idea Lagi Art Generator Initiative 2014 in Copenhagen , the process of the environmental design is a major asset in the testimony of a real commitment to the natural environment .  
Thus, the balance between :  
- Exploitation of natural elements of the site.  
- The location of the site allows the permanent recovery seawater composed by microorganisms to create biomass.  
- Energy performance proven microorganisms are used to create a clean green energy «the bioful » and also coal.

### 1 / Harmonious relationship with the structure of the environment

Our aim is to create a new reading of the site , a completely new industrial landscape.

### 2 / Energy management

CO2  
The idea is creating energy while reducing the amount of CO2 in the atmosphere. The energy used for the development process is a natural energy present on the site, inexhaustible and renewable.

### An architectural ecosystem

The sea water contains thousands of micro organisms. Our will is to get back that marine species in order to establish an ecosystem on the site to produce its own energy .

Micro algae will have a second life , they will be transformed into green energy «the bioful » which consommation reduce fossil energy . Green oil is an inexhaustible energy that is produced in just 48 hours as opposed to black oil.  
Natural light , CO2 and sea water containing algae microphones are at the origin of this ecosystem.

### 3 / Water Management

Sea water recovered

To install the device for creation of the biomass , water is collected from the sea and then released to 99 % ; Only 1 % is used in the process.

### 4 / Confort

Visual

Molecules micro organisms to dark fluoresce .these round tube blooms are ubiquitous and imposing on the site with the image of a large monumental structure.

