

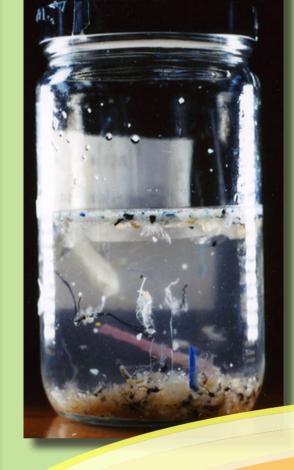


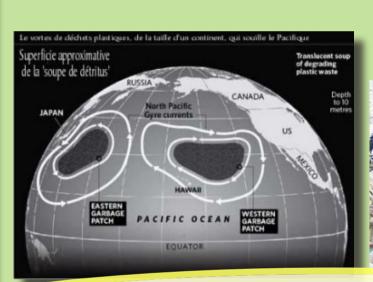
TRANSFORM THE GREAT PACIFIC GARBAGE PATCH IN A POST-MODERN DYCKE FOR DENICE.

Build Off-Shore platform to recycle the Great Pacific Garbage Patch to make the raw material.

Transform the raw material in a foam plastic sponge in high technology industries of the Pô cluster.

Install these spongy modules in strategic flood sites of the lagoon.









Global gyres

90% of Laysan Albatross chick carcasses and regurgitated stomach content contains plastic



Plastic debris is proliferating in the environment, especially in the marine environment.



http://www.algalita.org This project carries on their prevention activities

A MINE IS ROAMING!

Plastic debris is proliferating in the environment, especially in the marine environment, and is causing numerous problems for humans and wildlife. Plastic is not biodegradable and very little of it (less than 4%) is remean that a plastic product is recyclable.)

Because it is durable and light-weight, plastic debris travels over vast distances and accumulates on beaches and in the ocean. The majority of marine debris is plastic. In the Central North Pacific Gyre, pieces of plastic outweigh surface zooplankton by a factor of 6 to 1. Ninety percent of Laysan Albatross chick carcasses and regurgitated stomach contents contain plastics. Fish and seabirds mistake plastic for food. Plastic debris release chemical additives and plasticizers into the ocean. Plastic also adsorbs hydrophobic pollutants, like PCBs, and pesticides like DDT. These pollutants bioaccumulate in the tissues of marine organisms, biomagnify up the food off. chain, and find their way into the foods we eat.

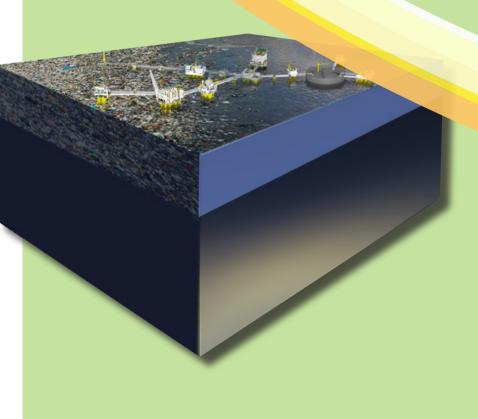
Although plastic products benefit our lives in the medical industry, safety equipment and other technologies, it is imperative that we eliminate the flood of post-consumer plastic waste into the environment.

For the sake of a healthy biosphere, including ourselves, the plastic plague must no longer be ignored. How did

the plastic get there? Estimates of plastic in the world's oceans exceed 100 million tons. Though 20% comes from ocean sources like derelict fishing gear, 80% comes from land, from our watersheds. A large segment cycled. (The triangle of arrows around a number doesn't of what ends up as marine debris is single use disposable consumer items. A bottle cap or plastic bag that falls to the grounds will be blown or washed into a storm drain, where it will flow to the ocean. Beachgoers also contribute to the problem, as does the plastics industry - roughly 10% of the debris found on beaches is preproduction plastic pellets lost during industrial processing. Notwithstanding the likelihood of increasing pelagic plastics, **SPONGY LUNG** project for monitoring micro plastics in the environment could exist because no gouvernement and no industry program currently, in sharp contrast to the widespread efforts that monitor airborne contaminants, sewage, and stormwater run-

With **SPONGY LUNG**, the unintended consequences to the environment of the "Plastic Age" will be known; strategies will be developed to manage and exploit them

Build a network of platform





To develop shipping stocks

