



What can we do against the marine plastics?

Reduce the plastic that reaches the sea with simple actions:

- Replace plastic bags with paper ones
- Reuse plastic bags
- Do not flush: ear sticks, compresses, tampons, condoms...
- Do not throw cigarette butts on the beach or in the street
- Don't forget on the beaches: bottles, wrappers, bags, toys...
- Do not throw anything, sailing or fishing, into the sea

Remove the plastic that is within our reach:

- Collect plastic garbage: nets, buoys, pots...
- Collaborate in beach cleaning campaigns

Recycle plastics:

- To give them new uses
- Make artistic works: collage, paintings, mobiles, sculptures, costume jewellery

No plastic in nature by 2030!

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Art and Science against Marine Plastics



MARE PLASTICUM Plastic in the Ocean

ECO-ART EXHIBITION

Margarita Cimadevila and Wolfgang Trettnak

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NO PLASTIC IN NATURE Conference

China Central Place, Beijing, China





What is it? Where does it come from?

Answering these questions, about the plastics found on the beaches of Galicia (Spain) by M. Cimadevila and W. Trettnak, was the germ of the exhibition MARE PLASTICUM. These plastics come mainly from:

- **Fishing and aquaculture.** Rich sources of food and work, but their activities generate much of the marine garbage from the beaches: nets, pots, baskets, bags, ropes, lines, floats, buoys, car tyres and other materials.
- **Urban and domestic garbage.** Much of it ends up in the sea, and so shoes, toys, household and sanitary items and all kinds of plastic packaging appear on the beaches: bottles, bags, boxes, tubes, films, styrofoam...

It is necessary to take measures to avoid this form of pollution for which we are all responsible and in which we collaborate unconsciously because:

“The sea returns everything”



What problems does it originate?

Many of the marine plastics are very durable, they do not decompose, but they fragment into smaller pieces, the microplastics. In addition to the unpleasant visual impact on beach visitors, plastics carry a number of dangers to the environment and marine organisms:

- Entanglement in nets, pots, ropes, fishing lines...
- Ingestion of plastics and microplastics
- Toxicity of components
- Mortality of species
- Invasive species using marine plastic as a means of transport
- Damage to the habitat

How could we make these problems known in a creative, artistic and scientific way? asked the artists. The answer was to make:

The exhibition MARE PLASTICUM



MARE PLASTICUM

The exhibition MARE PLASTICUM deals with the pollution of the sea by plastic and its environmental consequences and is the result of collaboration between M. Cimadevila and W. Trettnak, artists with scientific background.

Recycling, sustainability, environment, science and art are combined in their artistic works, made with plastics collected on the beaches of Galicia (Spain) by the authors: nets, floats, bags, baits, ropes, shoes, toys, bottles ...

The works are accompanied by simple scientific explanations on the problems that inspire them and their environmental repercussion. Comics, posters, videos and conferences complete the exhibition.

Its aim is to show these problems, raise public awareness, especially among young people, and educate them to respect the environment. It cries out the alarm:

It's time to act!