



Co-funded by  
the European Union



OCEA(n)RT



An underwater photograph showing a large amount of plastic waste, including a white plastic bag and a clear plastic bottle, floating in the water. Several small, striped fish are swimming around the debris. The water is a deep blue color.

# Ocean Pollution & Art



Co-funded by  
the European Union



**TIJIT**



**CITIZENS  
IN POWER**

**ARTIT**

**inter  
arts**



**REFRAME**  
ETHICS INNOVATION GOVERNANCE



## Name the Ocean Pollutants



Co-funded by  
the European Union



CITIZENS  
IN POWER

ARTIT

inter  
arts



REFRAME  
ETHICS INNOVATION GOVERNANCE

## Dirty facts: We're drowning marine ecosystems in trash, noise, oil, and carbon emissions.

- ❑ Nearly half of the estimated 1 million tons of oil that makes its way into marine environments each year comes not from tanker spills but from land-based sources such as factories, farms, and cities.
- ❑ Around 70% of industrial waste is dumped to water.
- ❑ 80% of the water pollution is caused due to domestic sewage.
- ❑ 80% of the world's wastewater is dumped—largely untreated—back into the environment, polluting rivers, lakes, and oceans.
- ❑ The nuclear crisis created by the tsunami of 2011, unleashed 11 million liters of radioactive water into the Pacific Ocean.
- ❑ Noise is generated by a range of activities including shipping, seismic surveys, military operations, wind farms, channel dredging and aggregate extraction (Inger et al. 2009). Large commercial ships generate noise in the frequency range from 10 to 1,000 Hz, which coincides with frequencies used by marine mammals for communication and navigation (Richardson et al. 1995).
- ❑ The World Health Organization places mercury in the top ten chemicals of major public health concern (WHO 2017). This is because mercury, especially in the form of methylmercury, is a powerful neurotoxin, which even at low concentrations can affect fetal and childhood development and cause neurological damage (Karagas et al. 2012; Ha et al. 2017)
- ❑ “Plastic waste can take anywhere from 20 to 500 years to decompose, and even then, it never fully disappears. It just gets smaller and smaller. By 2050, there could be more plastic than fish in the ocean.” – United Nations, 2021.



An underwater photograph showing a variety of marine life, including several black and white striped fish, swimming around a large, tangled mass of white plastic debris and other trash. A clear plastic bottle is visible in the upper right. The water is a deep blue, and the scene highlights the impact of ocean pollution.

# Art



Co-funded by  
the European Union



**TIJIT**



**CITIZENS  
IN POWER**

**ARTIT**

**inter  
arts**



**REFRAME**  
ETHICS INNOVATION GOVERNANCE



## OIL SPILL

Daniel Beltrá, Oil Spill #12.

An aerial view of the oil leaked from the Deepwater Horizon wellhead in 2010. The BP-leased oil platform exploded and sank after burning, leaking more than about 200,000 gallons of crude oil to the sea a day from the broken pipeline

Photograph: Daniel Beltrá/Greenpeace/Courtesy of the artist and Catherine Edelman Gallery, Chicago



Co-funded by  
the European Union





## OIL SPILL

Daniel Beltrá, Oil Spill.

Brown pelicans (*Pelecanus occidentalis*) covered in crude oil from BP's Deepwater Horizon wellhead spill wait to be cleaned at the International Bird Rescue Research Center in Fort Jackson, Louisiana, June, 2010



Co-funded by  
the European Union





## OIL DRILLING & MINING

- 3D artist: Jun Shao
- Client: Greenpeace
- Raising awareness of the issue, Publicis Shanghai produced a specimen box installation demonstrating the damage oil drilling does to animals. The piece was displayed in the Shanghai Natural History Museum, together with fossil specimens of marine creatures. Photography of the piece was also used in posters and press ads.



Co-funded by  
the European Union





## OIL SPILL



Kelly Emmrich



Marquies Smith



Co-funded by  
the European Union



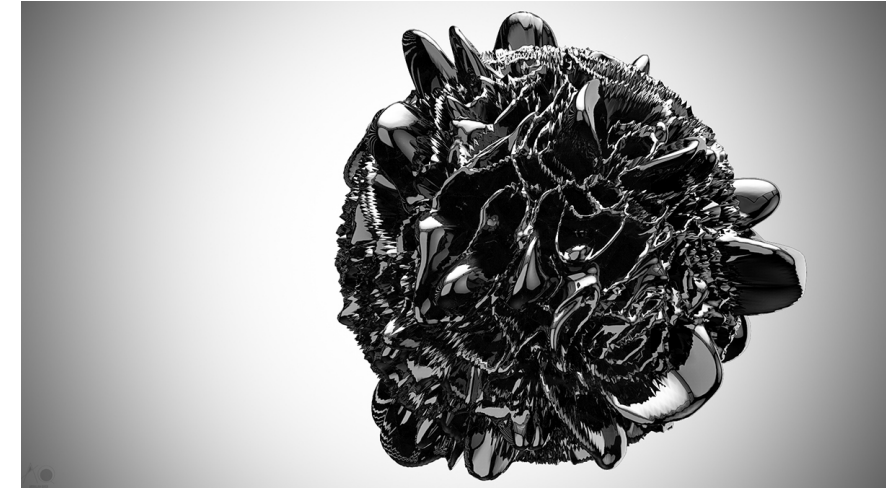




Courtney Page



Michael Hoeft



Abdullah Quick



## OIL SPILL

Constantina Paduraru, 12 years old, Bacau - Romania  
On a polluted beach we can observe a dead turtle (because of an oil spill) and a variety of living forms, in the sea. The dead turtle is a opportunity to amplify the fight against pollution.  
The work is a collage made from magazines cuts.



Co-funded by  
the European Union



TIJIT



ARTIT

inter  
arts



REFRAME  
ETHICS INNOVATION GOVERNANCE



## PLASTIC POLLUTION



This Giant Faucet is Photographed as it Leaks Plastics Into Different Environments, Von Wong

“The parting of the plastic sea” an installation made from 168,000 used plastic straws by Von Wong



Co-funded by  
the European Union





## RAISING AWARENESS



Jason deCaires Taylor's message about the oceans: we need to understand what's going on under the surface in order to protect them.

The sculptures are created from pH-neutral cement, with textured surfaces designed to attract coral and fish. This means they frequently transform barren environments with hardly any wildlife into stunning, biodiverse artificial reefs.



Co-funded by  
the European Union







**Thank you!**

[www.oceanrtproject.eu](http://www.oceanrtproject.eu)



Co-funded by  
the European Union



**OCEA(n)RT**