

## ROLE OF PORTS WILL CHANGE (PORT RECEPTION FACILITIES DIRECTIVE)

Vessels of all sorts create waste streams during their operations.

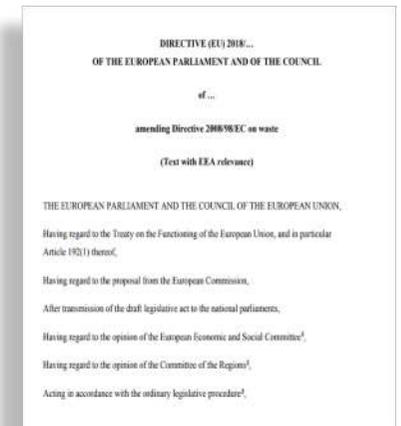
Too many vessels still leave EU ports with waste on board

Oil platforms, leisure boats and alike also play an important role in littering.

**Too many put the waste “on the blue shelf”**

Inland waters like rivers and lakes also have severe pollution issues

Therefore it is very important that ports and i.e. marinas make it easier to offload waste streams



**‘Fishing gear’ Directive – EPR in preparation**

## IT ALL STARTS WITH CLEAR DEFINITIONS

### **What is RECYCLING ? (Waste Framework Directive 2008/98/EC definition)**

**Recycling** means any recovery operation by which waste materials are reprocessed into products, materials or substances whether for the original or other purposes.

It includes the reprocessing of organic material but does **NOT** include energy recovery and the reprocessing into material that are to be used as fuels or for backfilling operations.

Hence: Collection, logistics, sorting and “recovery” is **clearly not recycling**

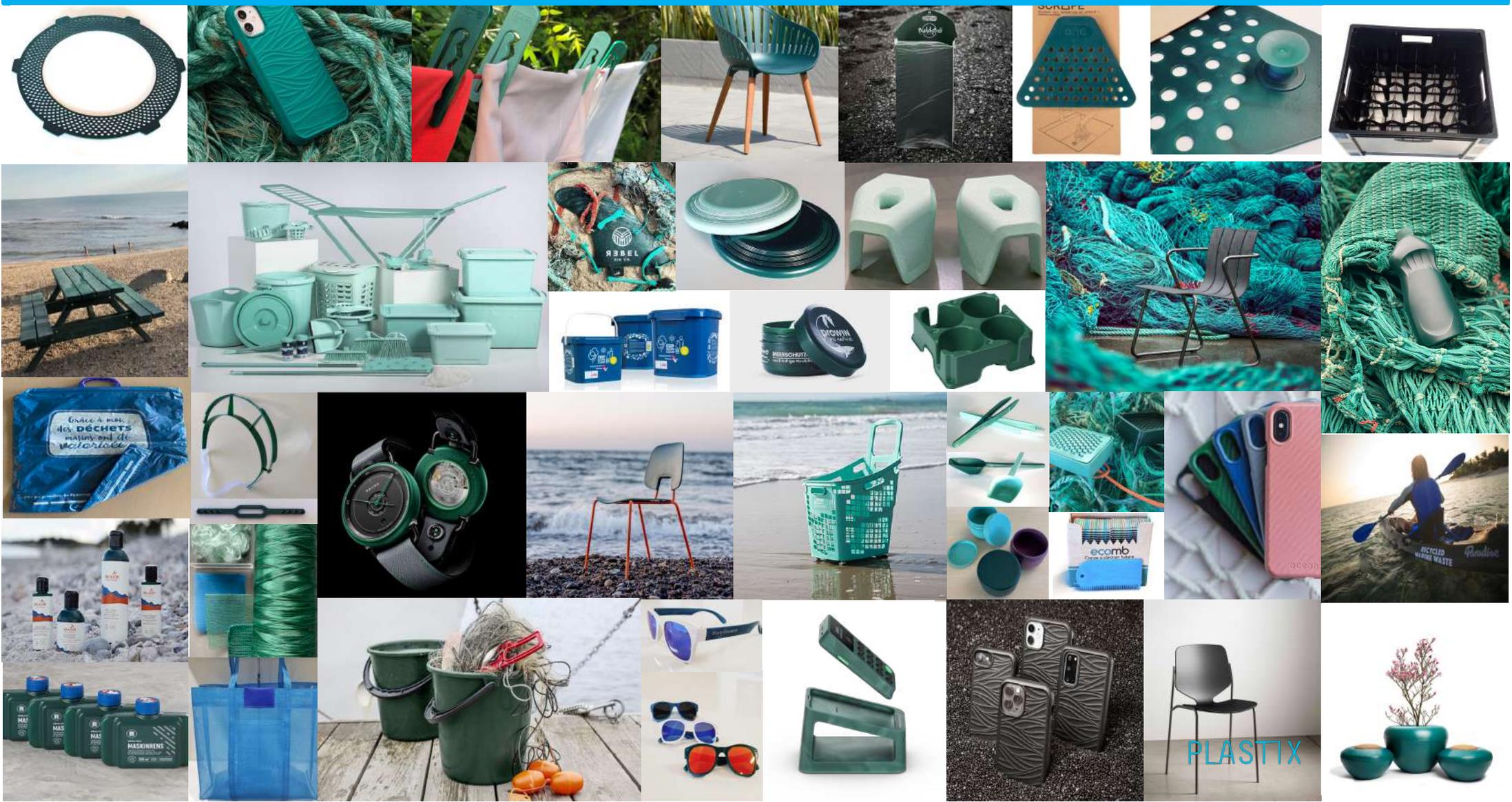
**Mechanical recycling not only safeguards valuable resources but at the same time also a considerable amount of CO2 emissions compared to virgin plastics**

# Recycled Ocean Plastic Products

- Providing the material source, connecting companies to recyclers and converters and helping in the design and marketing of the product
- Trying to show that waste can be a resource



I USED TO BE OBSOLETE MARITIME ROPE / NETS / FISHING GEARS..... LOOK AT ME NOW ;-)



FROM FISHING GEAR TO BOTTLES ...!



## MICRONISED FISHING GEAR TO SCHOOL FURNITURE



**WFO**  
WASTE FREE  
OCEANS

CIRCULAR ROPES -> SOME 7 YEARS OF CONTINUOUS QUALITY IMPROVEMENT



BIZZ OPPORTUNITY TO USE RECYCLED PRODUCTS FOR ONLAND (DANUBE BASSIN) AQUACULTURE ?



CIRCULAR ROPES -> FIRST CIRCLES ARE CLOSED YET UPTAKE BY MARITIME INDUSTRY IS (TOO) SLOW



# Current Projects - Europe

- Danube Project – a long year repetitive program of identified hotspot clean-ups and remediation projects in the Danube river basin, starting from Bulgaria and working towards the Black Sea and Danube Delta in Romania
- We partner with several local and regional active NGOs and other stakeholders
- We participate(d) in and support(ed) the Plastic Cup in Hungary



- Mixed Plastic Waste Project – transforming mixed plastics waste into panels/boards for emergency shelters in Italy and Greece
- Blue Impact Project – using image satellites to determine waste hotspots and collect the plastic with the aim of transforming it into fuel

# Current Projects – The Americas

- Dominican Republic Project – aiming to set up a full scale mechanical and chemical recycling facility to solve the issue of plastic waste management in the Caribbean region



This project will also contribute to the development of a social housing project for the local population; it will create jobs in waste sorting and production of emergency shelters and it will clean up the Ozama and Isabela rivers and beaches

# Current Projects – Middle East

- The Jordan Project - reusing plastic waste sustainably to build shelters and improve living conditions in developing countries; the system provides safe shelter for people in need and contributes to the improvement of the environment by combating plastic pollution and promoting recycling



# WFO AFRICA Project 10 countries ! here Ghana with Coliba



- Organising a demonstration of the WFO trawl on river and coastal areas
- Using the Coliba digital platform
- Debating investments needed in plastics recycling and searching entrepreneurs



**24TH APRIL**

## The WFO Ocean Clean Up movement for Africa comes to Ghana

We are excited to be in partnership with WFO, Coliba, Beachcleanup Ghana, Ghana Maritime Authority and LaDMA to launch the trawl.

The trawl together with a boat will demonstrate the recovery of plastic from our waterways.

Join us @ 10AM

### Kpeshie Lagoon (Labadi Beach)

for the launch of the Trawl



# Current Projects - Asia

- The Mumbai project - setting up a unique project, helping to develop a circular economy in India. The aim is to turn mixed flexible plastic packaging into a social housing concept in the slums

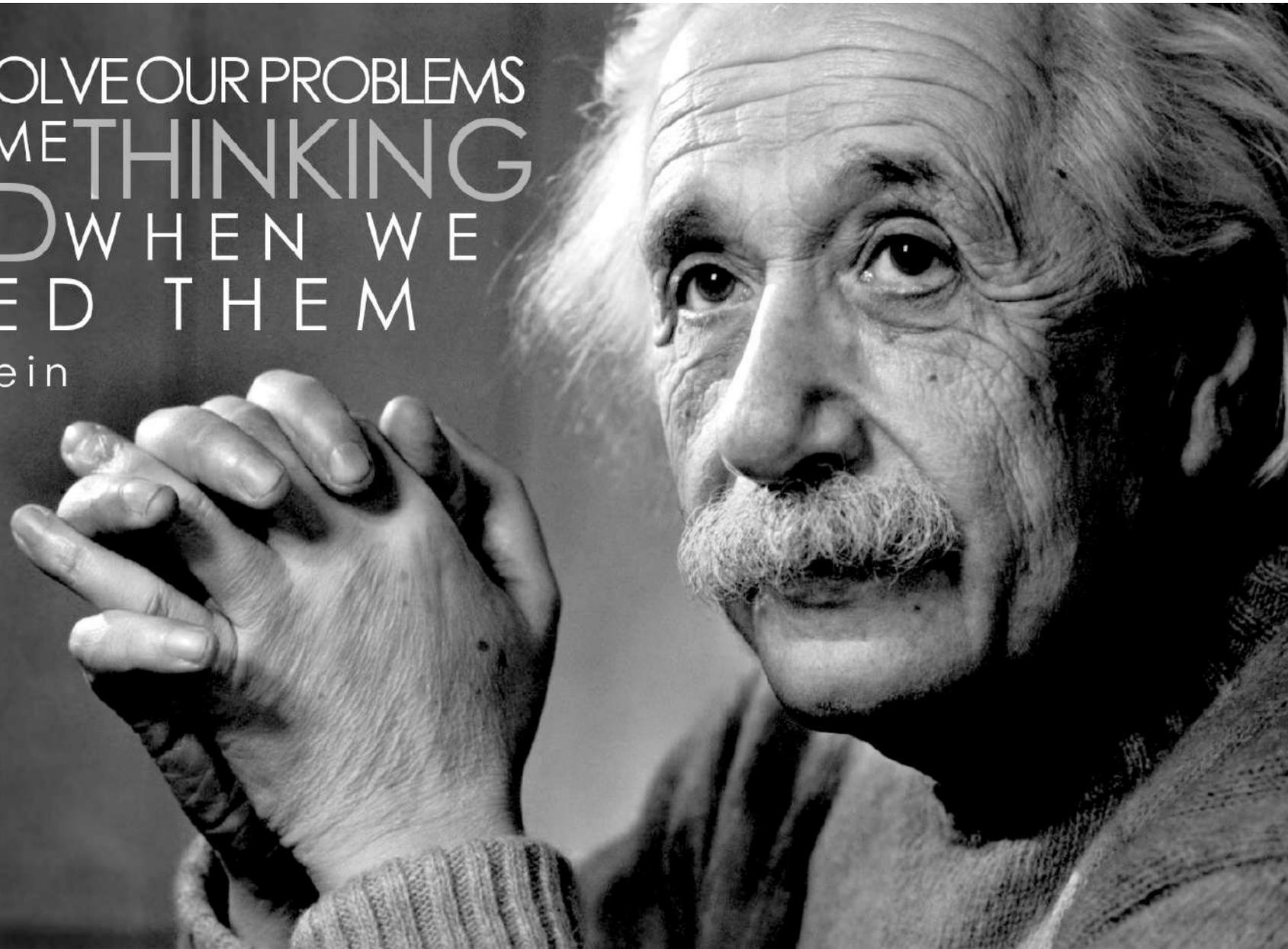


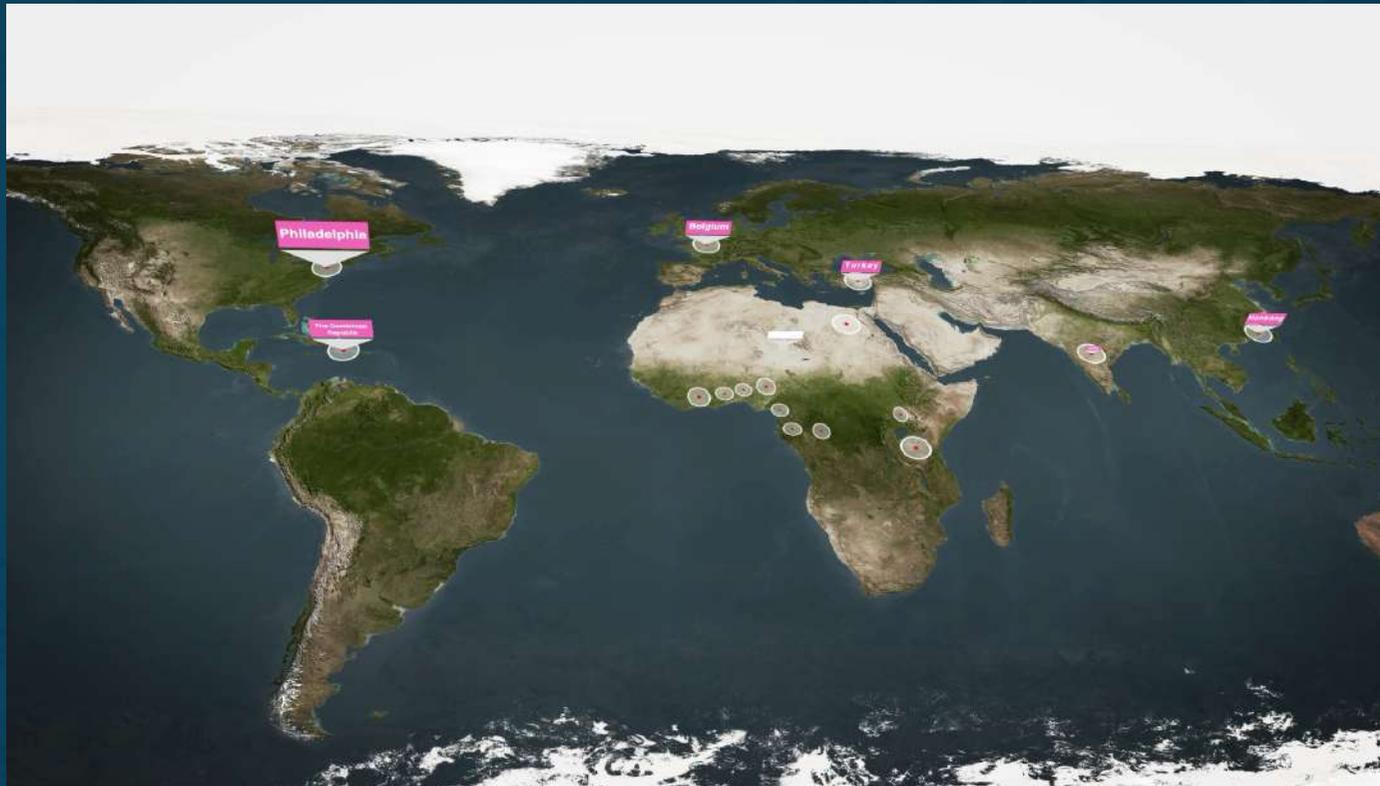
River trials in Mumbai, as well as the help from Afroz Shah and his volunteers, will ensure a better environment, by cleaning up the rivers and beaches



WE CANNOT SOLVE OUR PROBLEMS  
WITH THE SAME THINKING  
WE USED WHEN WE  
CREATED THEM

-Albert Einstein





[www.wastefreeoceans.org](http://www.wastefreeoceans.org)  
[contact@wastefreeoceans.org](mailto:contact@wastefreeoceans.org)

