

# Life in plastic

Not fantastic

Workshop about waste,  
environment, recycling

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Nature lover, passionate about environment

Be the Change... Erasmus Project



Cherry





Cherry A



“Man is the most insane species. He worships an invisible God and destroys a visible Nature. Unaware that this Nature he’s destroying is this God he’s worshiping.”

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“Omul e cea mai nebună specie. Venerază un Dumnezeu invizibil, în timp ce distruge o Natură vizibilă. Fără să-și dea seama că Natura pe care o distruge e însuși Dumnezeu pe care îl venerază.”

— Hubert Reeves —



# I. PROBLEM

**YOU LIKE THE  
SEASIDE?**

**THIS WAY?**

<https://goo.gl/VTcdzF>

<https://goo.gl/1VPPJJ>





# I. PROBLEM





# I. PROBLEM













# Sewage Surfer



Indonesia's Sumbawa  
Island. PHOTO: INSTAGRAM/  
JUSTIN HOFMAN





# IZVORUL MUNTELUI LAKE ROMANIA

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**100 TONS OF  
GARBAGE**

july 2018





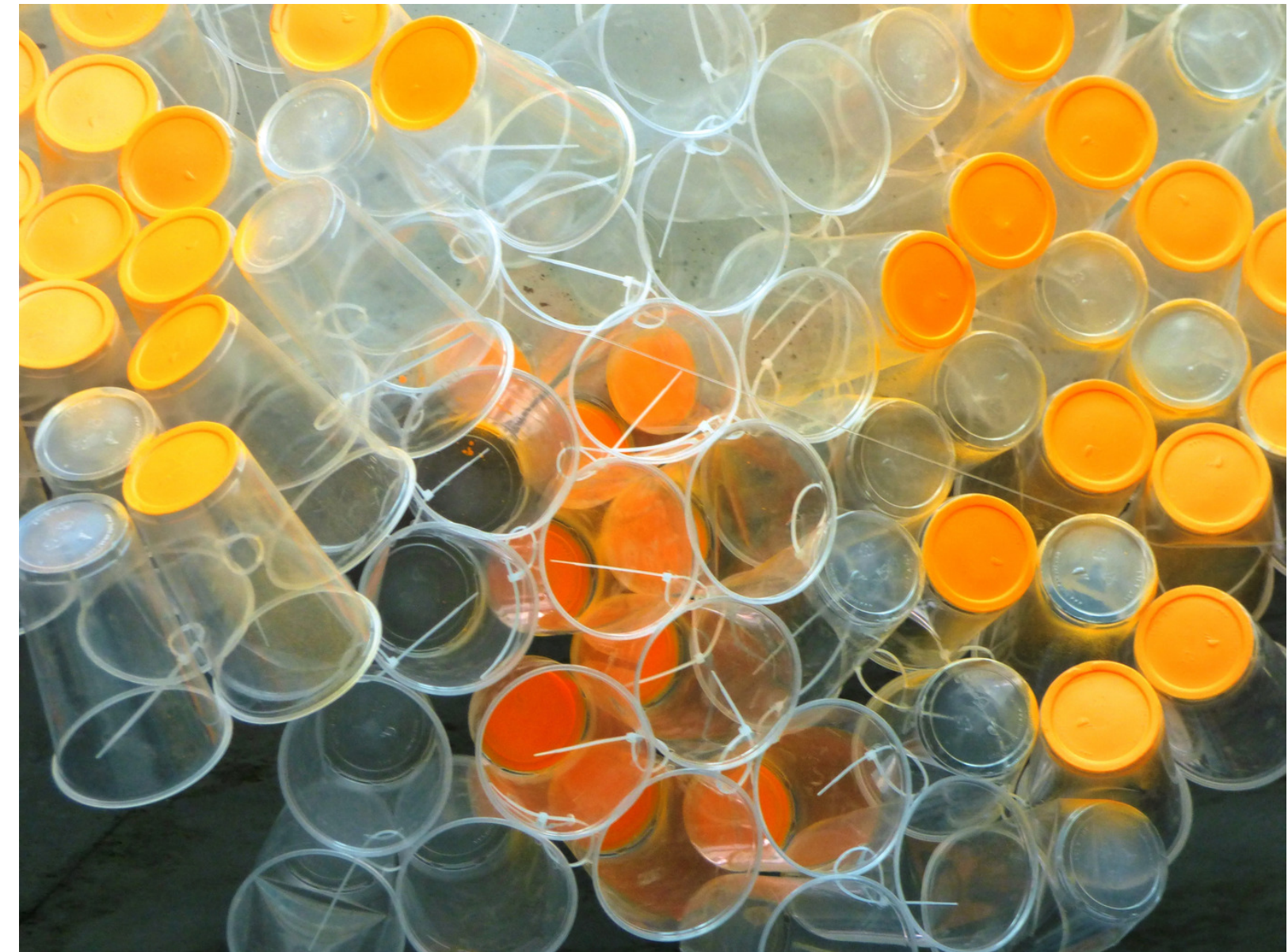
PETs never fully decompose. They turn into tiny particles swallowed by fish, birds, worms. They remain in their stomach until the creature dies and/or it is eaten by other species or humans.





# Microplastics?

- **MAXIMUM 5MM**
- toothpaste
- face/body scrubs
- diverse plastic decomposure in water/on landfills
- household water - washing clothes





Microplastics are also known to contain and absorb toxic chemicals and research on wild animals shows they are released in the body.

Prof Richard Thompson, at Plymouth University, UK: “It became clear very early on that the plastic would release those chemicals and that actually, the conditions in the gut would facilitate really quite rapid release.” - microplastics are found in a third of fish caught in the UK.



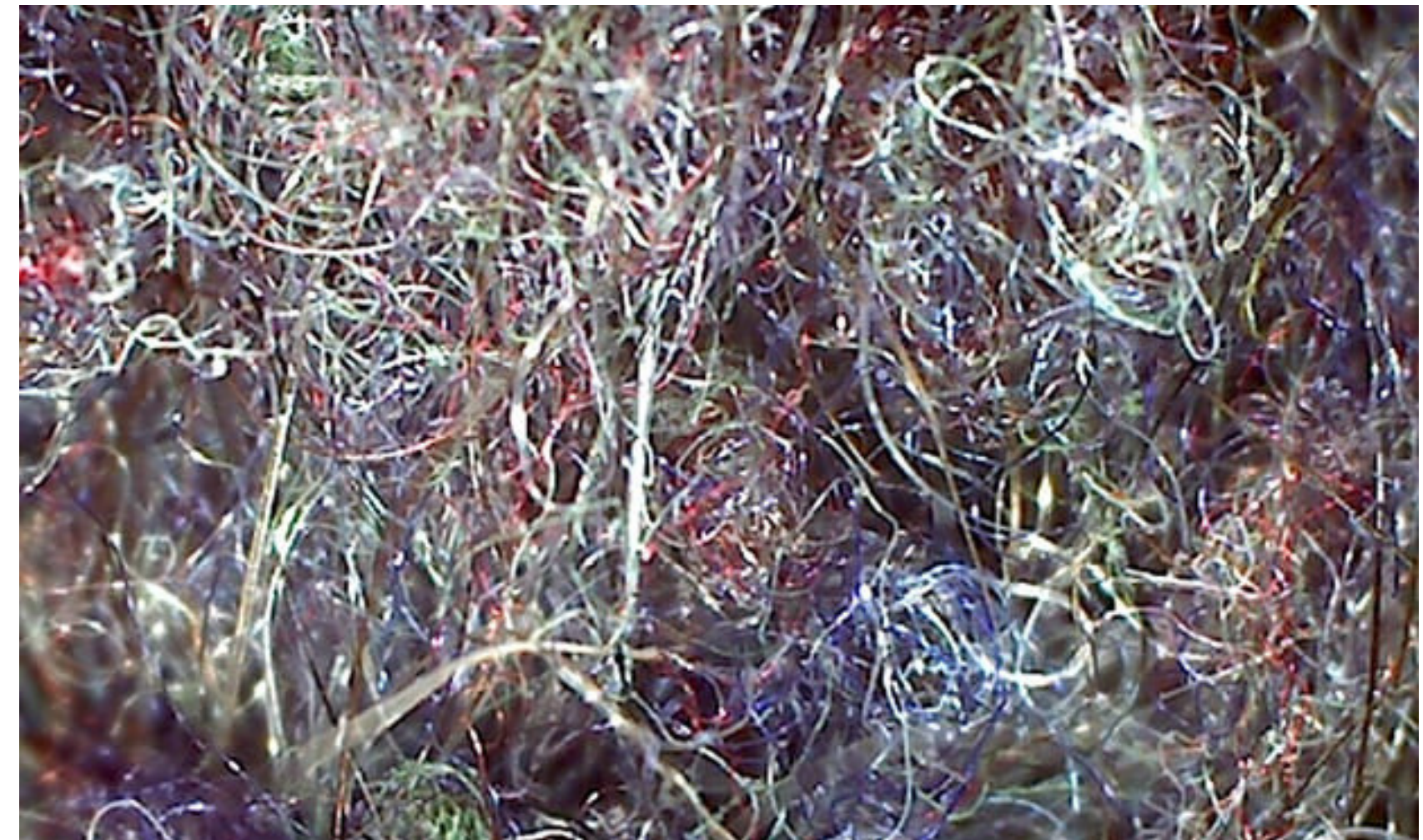
# Why do we care?

Found in:

- water;
- fish - sea/ocean/lakes/rivers;
- sea salt;
- honey;
- BEER;
- air.

Could not be  
retained by  
water filters :(

It goes into the body and can  
enter in our organs. Not too  
cool, right?





- Plastic does NOT disappear hundreds or thousands years; as long as it exists it pollutes water, air and soil;



- Plastic bags and other plastics thrown to the bin are later found in nature.
- 1.000.000 marine animals are annually dying due to plastics;



Broken glass thrown to garbage contributes to self ignition. Burnings cannot be extinguished immediately. Most of the times it burns several days in a row. No matter where you are, toxic smoke gets you. Urban areas are menaced most.

<https://goo.gl/ERcu6X>

30:48 - 26:10



## **II. SOLUTIONS**

### **1. Recycling**

1. Identify the packages you have at home. Clean any grease from plastic ones.
2. Squeeze out plastics, metal or cardboard before storing them in order to create less volume at home/when they are transported
3. Store them separately from household waste!
4. Put them in the specific containers: yellow, green, blue



**SIGUREC**

## 1.IDENTIFICĂ

Identifică deșeurile de ambalaje din locuința ta!



## 2.PRESEAZĂ

Presează deșeurile de ambalaje din plastic și metal sau cartoanele, înainte de depozitare, pentru a economisi spațiul!



## 3.DEPOZITEAZĂ

Depozitează deșeurile de ambalaje SEPARAT de gunoiul menajer!



## 4.DEPUNE

Depune deșeurile colectate separat în containerele galben, verde și albastru!





# Why shall we deposit separately and recycle?

- ♻ economize energy

- ♻ reduce pollution

- ♻ decrease garbage quantities

- ♻ it results secondary stock

- ♻ preserve natural resources.



Ryan Hickman is an example for all of us! Ryan, 12 yrs old, recycled so far cca 200.000 aluminium doses and plastic bottles. Then he earned 11.000 US dollars.

Ryan Hickman was declared Pacific Marine Mammal Center Ambassador.





# II. SOLUTIONS

## 1. Recycling





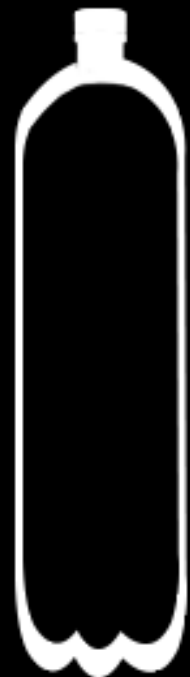




# Did you know?

5 recycled plastic bottles  
can create the stuffing to  
fill a ski jacket

5x



=







**Did you  
know?**



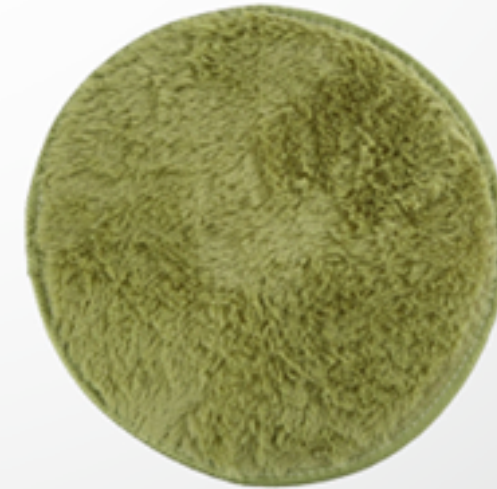
**10 plastic  
bottles**

**=**



**1 T-shirt**

**or**



**1 sqm of carpet**



## 2. YET?

What happens with:

- plastic bottles from cooking oil?
- used wet wipes?
- plastic bags that touched grease?
- yogurt cups?
- cleaning products packaging?
- secondary stock converted into new products?  
(could not be recycled once more)
- other non-recyclable plastics???



# YET?

There is no such thing as "away".  
When we throw anything away  
it must go somewhere.

Annie Leonard



## **II. SOLUTIONS - beyond recycling**

**1. Refuse** what you don't need

**2. Reduce** consumption of what you need

**3. Reuse stuff** - repair, extend products' lives

**4. Recycle** what you cannot



## II. SOLUTIONS



KEEP  
CALM  
AND

**REFUSE**

REDUCE, REUSE  
RECYCLE



# Further references

- <https://goo.gl/AbefLt>
- <https://goo.gl/7vhQSc>
- Why it's better to avoid wet wipes: <https://goo.gl/WuRQkh>
- Why it's better to avoid wet wipes: <https://goo.gl/DLSXP5>
- Microplastics in tap water: <https://goo.gl/kH5Shk>
- Fun ad: <https://goo.gl/9rMA6a>
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Thank  
You

