

Responsible consumption and the afterlife of products

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A waste management approach...

Responsible consumption:

“Buy less, choose well, make it last”

The use of ethical and environmental criteria when choosing, using and disposing of the products we own.

After life of products:

“One man's trash is another man's treasure”

All possible uses of product (and materials) after they are no longer functional, needed or wanted.

To know is to see...

1st. What is the real cost of products and materials?

The “true cost” of a T-shirt
(imported, non-organically grown cotton)

2157 liters of water, (45% irrigation)

8 kw, 42 to 110 liters of fuel (land and sea)

travels 8850 to 15120 kilometers,

NO, SO₂, CO, CO₂ emissions

pesticides (4 to 11 liters), toxic dyes

Import fee 0.60 to 1.03 USD

Labor 50 cents a day

Also 200 to 345 liters of fertilizer

Opportunities for waste management...

2nd. What can we do to solve or mitigate the problem?

“Allow the life extension of products (and materials) by means of **reusing, repurposing, repairing, refurbishing, recycling, return as raw materials**, etc to keep them from ending up in landfills”



Reusing



Repurposing



Repairing



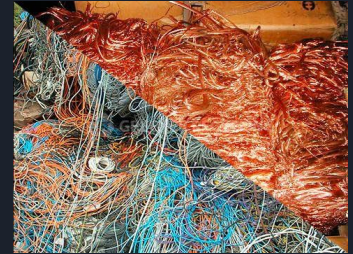
Refurbishing



Recycling



Raw Materials



Organic waste



Successful examples...

- from wasted fishing nets to carpets tiles
- from waste to energy, clean water and bricks
- from plastics to roads
- Refurbished Machinery (Caterpillar Reman)
- Food sharing app (Olio)

Let's build solutions together...

Government: simplifying procedures to set up environmentally oriented companies, offering incentives and support

Businessman and entrepreneurs: Investing in waste management businesses

Specialists: such scientists, engineers, technician, etc contribute with your knowledge to build, acquire manage the technology necessary to maximize the efficiency of the projects

Community: volunteers, environmental and social organizations, people interested in working in such companies

Educators: helps us build a culture of responsible consumers who contribute with their actions to a better management of waste

Less talking more action...

Let's join interests, opportunities, expertise to start solving

step 1: Generate awareness/discuss

step 2: Create/expand community networks

step 3: Choose a project

step 4: Join a team

step 5: Cooperate and initiate



Thanks for your attention!

If you are interested in making part of a waste management project contact me on My email: profearci@outlook.com

If you want to learn more about “Circular Economy” visit:
https://vk.com/videos-128854208?section=album_9