

Innovative Education Approaches For A Circular Economy Mindset

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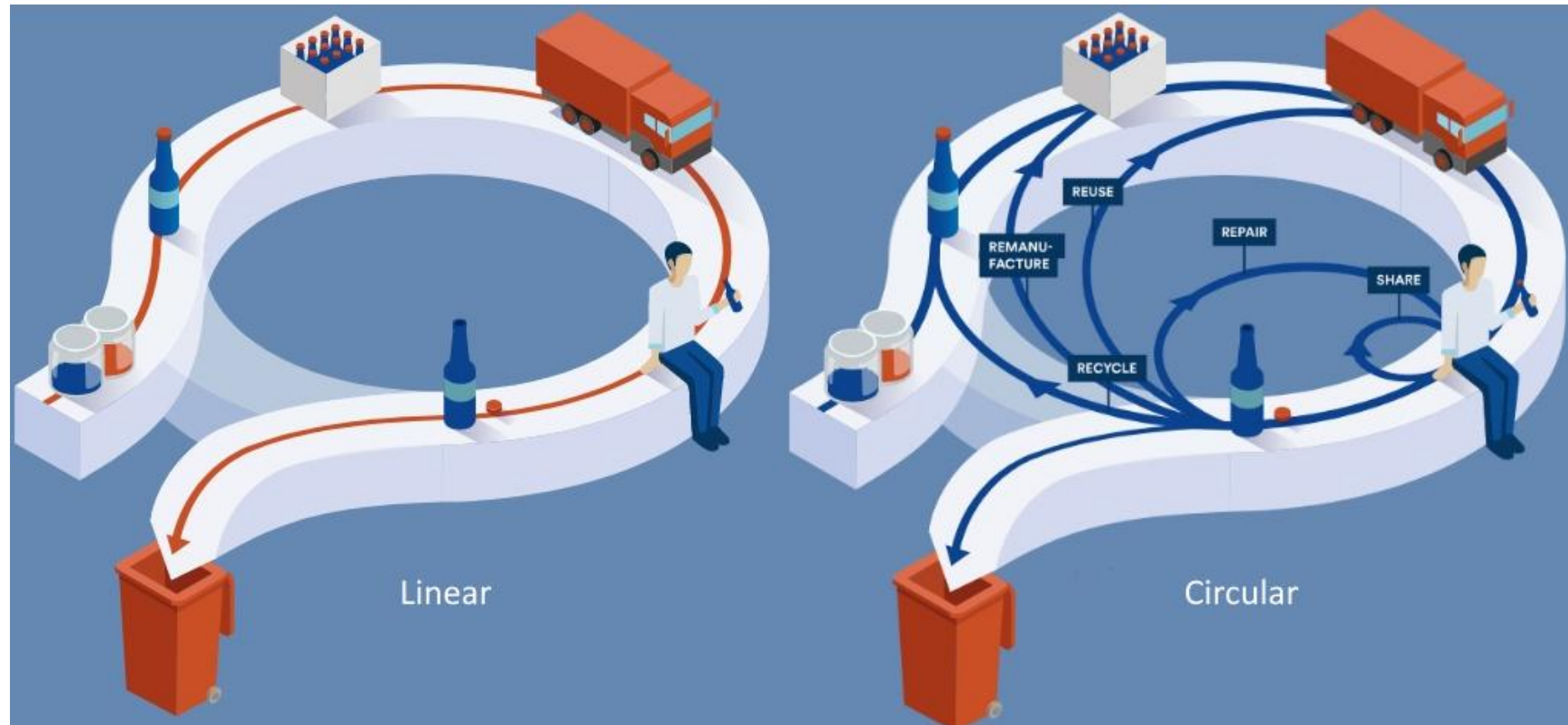
Keynote speech

Introduction to Circular Economy

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Circular Economy – what's it?

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Circular Economy –why bother !

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Circular:



Linear:



Circular Economy – the wish !

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Patricia Espinosa UNFCCC

Dr. Werner Hoyer, EIB

Achim Steiner UNDP



Photo: Dr. Ludwig

Sustainable & Resilient Economy?

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Products – Materials – Energy

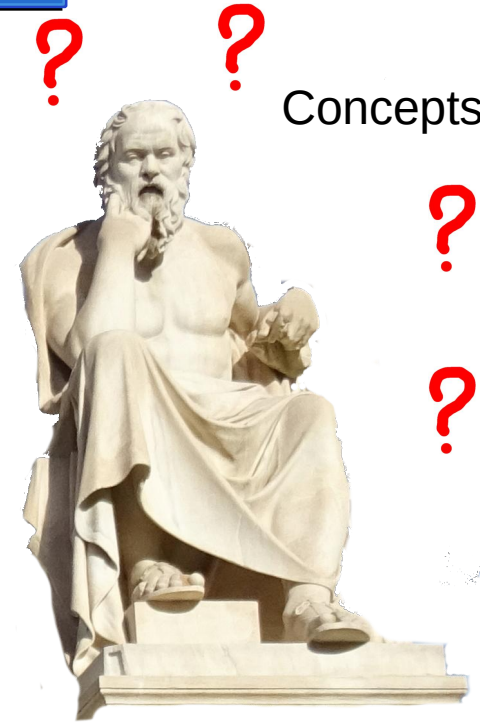
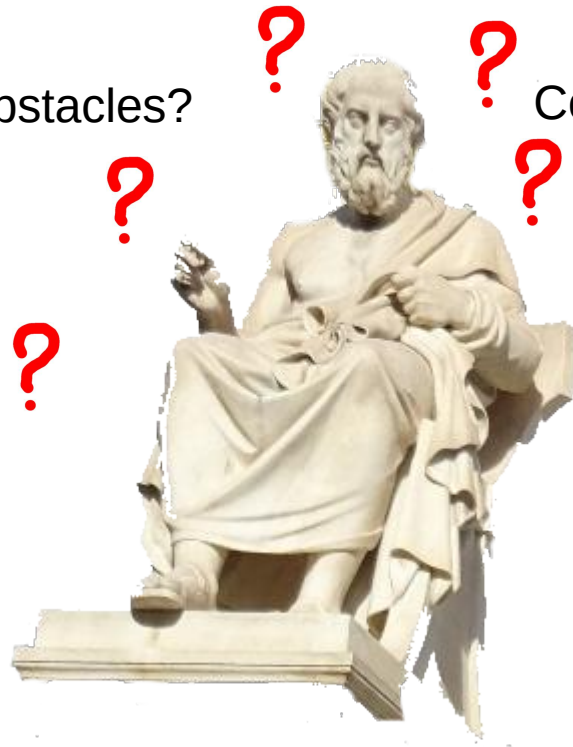
Howdydowdy... recycling rates..

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Views and Expectations

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Obstacles? Consumption pattern Producers Concepts?

Industry Recycling

Business as usual Urban mining

Activism Politics

technological progress The others

Consumers Demanding fridays

Admixture Total change Can I - Power? #me not,too

What it means to people...

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- Do not wait on others
- Look at your powers
- Use it !!!

Go big or go home.



Producers

Know how owners

Consumers

Public sector entities



....how can everybody
contribute to it?

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Use your Power !
Use your ability to learn !
Be bold !

Use Tools !!!!!



Tools !!!!

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- The Circular Economy tools and instruments of the EU
 - Level(s) - Building sustainable performance
 - ETV - EU Environmental Technology Verification
 - PEF-OEF - Product Environmental Footprint and Organisation Environmental Footprint
 - EU Ecolabel
 - EMAS - Eco-Management and Audit Scheme
 - GPP - Green Public Procurement (with tool kits in many languages...)
- SCRCE Manual (<https://epale.ec.europa.eu/en/blog/scrce-kreislaufwirtschafts-manual>)
- Exercise Zero Waste (<https://www.wegozero.co>)
- National Tool Kits, Initiatives, Erasmus+ tool kits, etc. (hey... you can search as well !!!)

A dream should come true

What is the recompensation for all your efforts:

Survival, Beauty and Happiness

and Computer Games Cars.... Travelling....

Shopping.... Meeting friends.... etc.

- The point is: you will know what it is good for !



Do we have still time ????

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Manual v1.2

#SCRCE & blog on <https://epale.ec.europa.eu>

Hey: Are you living a circular economical lifestyle in the global world?

Check it out with our manual. Learn by yourself where you stand.

You are confronted in your life with products, services and processes.

=> product: a t-shirt, a shampoo, apples....

=> service: a streaming media, a consulting service, a haircut....

=> process: a production process in a factory, shuttle traffic, the way you shop....



SCAN ME

14 Principles of SCRCE Awareness Manual

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Principle no 3: Everything, which is a seasonal (summer/winter or daytime/nighttime)

- Subitem 3A) Does the production of a PSP take really place in the season it should take place e.g. when it has the lowest impact on CO₂ emissions?
- Subitem 3B) Does the PSP come out of storage because it was produced in another season?
- Subitem 3C) Is the PSP seasonal in your local setting or does it come from far away?

Principle 9: Everything, which is refillable or returnable as multi-way product

- Subitem 9A) Does the PSP contain elements or materials that are harmful/toxic to the environment.
- Subitem 9B) Are factories/industries and production chains energy efficient?
- Subitem 9C) Is a system available for reuse in the local community for this product?
- Subitem 9D) Does an ecological alternative exist to replace refillable or returnable multi-way products?

Principle 14: Everything, which can be separate into its constituent parts / fractions when it becomes waste

- Subitem14A) Does the separation of the PSP really lead to more reuse of materials?
- Subitem14B) Are there various ways to use the separated parts?
- Subitem 14C) Does separation offer for the PSP used by me advantages concerning repair?



Thank you for listening to me :-)

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 - Feel free to contact me !!!!!

Q & A
you have now the say

