

Sustainable waste management

Seminar "Responsible consumption and production – selected environmental aspects,, 27.10.2023 r.

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What is included?

5. SUSTAINABLE WASTE MANAGEMENT

5.1. Rational waste management

- 5.1.1. Waste management hierarchy
- 5.1.2. Waste processing methods
- 5.1.3. *Circular Economy*
- 5.2. **Responsible Consumer**
- 5.2.1. Zero Waste Philosophy
- 5.2.2. Less waste
- 5.2.3. Environmental education
- 5.3. Sustainable production
- 5.3.1. Circular business models
- 5.3.2. Business model divisions in the circular economy
- 5.3.3. Business model examples in companies
- 5.4. Summary Bibliography





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SUSTAINABLE PRODUCTION AND CONSUMPTION SELECTED ENVIRONMENTAL ASPECTS





Rational waste management



Linear economy model





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RATIONAL WASTE MANAGEMENT





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Responsible consumer

Responsible consumer

	-	
In the kitchen	•	Carefully plan shopping to avoid wasting food,
	•	Give up on paper towels,
	•	Replace foils with closed multi-use containers,
	•	Use packaging which extends the durability of food
In the bathroom	•	Use bio-cotton towers
	•	Use ecological hygienic products or refillable products, for example, bamboo toothbrushes
In the closet	•	Quality of clothes over quantity,
	•	Clothes made of natural textiles should be the base,
	•	Clothes should be of a timeless style, easy to match and crate many outfits
When travelling	•	Replace traditional paper tickets with electronic tickets,
	•	Resign from buying unnecessary souvenirs which collect dust and end up in a garbage bin
	•	Use hygienic products (soaps, shampoo or conditioners) in bars which take less space and do not generate plastic waste.







Responsible consumer

- Replace drinks in plastic bottles with refillable bidons or bottles with filters,
- Resign from credit card printouts

In everyday life

- Resign from single-use packaging for fruits and vegetables,
- Go to work and the city centre by bicycle
- Use public transport instead of your car







Sustainable production









WEURECA-PRO

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Key business models in circular economy







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Life examples...

Product as a	Philips company offers its customers LED lighting along with	https://www.lighting.phili
Service	comprehensive service support. Customers do not have to	ps.pl/usługi
	invest in purchasing light bulbs, but instead receive a	
	continuous and comprehensive lighting service.	







Lighting Services is now available at Signify







Life examples...

Patagonia company offers its customers services for repairing their products or returning them, and through an online platform, other customers can purchase used clothing at a lower price. This allows customers to extend the lifespan of garments, contributing to waste reduction. https://eu.patagonia.com/pl/ en/stories/our-quest-forcircularity/story-96496.html



Multi-on-sign Read Andreas Theory (TV Basic coppletion in provide and applied as the states). When New concepts that Basic Cash Cash and Angle grant in give subgestrong when when the order of the state Read of the Theory Devices (Theory Cash).

The idea was to create a line that never ended up in a landfill Return, recycle and reuse every single polymeter floer. This was 2005, long before "aver wasts" became a becavaril, it woold be a relaxed to the preindustrial hanger for scale and speed that was inumlating landfild with clothes must didn't need in the first place.



Repair







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Graphics on slide 3,7,8,9,10,15,16: Designed by macrovector / Freepik The others pictures are created by authors of the book chapter exlude logo of the project and company and prtscn's.





Acknowledgments

The European University on Responsible Consumption and Production is supported by the European Union via different project funding. EURECA-PRO phase I 2020-2023 is co-funded by the Erasmus+ Programme of the European Union. The Research and Innovation dimension of EURECA-PRO has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 101035798.

EURECA-PRO is also supported at a national level by: the Federal Ministry of Education, Science and Research and the Austrian Academic Exchange Service OeAD (Austria); the Federal Ministry of Education and Research and the German Academic Exchange Service DAAD (Germany); the Ministry of Education (Greece); the Ministry of Education and Science (Poland), the Ministry of Education (Romania), the Ministry of the Presidency Relations with the Courts and Democratic Memory and the Strategic Subsidy Plan 2021-2023 of the Ministry of Universities (Spain).

"The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein."





