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Lez. 1.2 - BUSINESS MODELS IN A CIRCULAR ECONOMY









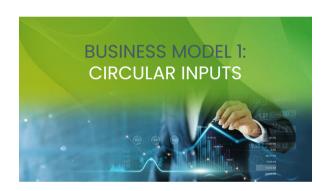
Surveys show that up to 80 % of the environmental impacts of products are determined in the design phase (European Commission, 2014)
 So far no general shift in product design has been made – away from "take-make-use-dispose"
 The reasons for this can be manifold



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The sharing economy literally means "economy of sharing"
 Circular businesses provide customers with affordable and convenient access to products and services
 They have a higher utilization percentage of their expensive assets
 Car-sharing is a well-known example





- The producer rents or leases a product to the customer rather than selling it. The producer is responsible for products when consumers have finished with them
 The provider remains incentivized for the product's ongoing maintenance, durability, upgrade, and treatment at the end of its use
 This shifts focus from volume to performance, thus maximizing the usage factor and useful life
- The producer or provider can:
 Increase resilience by retaining control of products and materials
 Gather good knowledge of how the products are used through constant consumer contact

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- Companies applying this strategy focus on designing products to last longer and to be used over several usage cycles
- Using this business model companies design their products for reparability, upgradability, reusability, ease of disassembly, reconditioning, and recyclability of all components
- The business models intends to provide a continuing income stream throughout the product's usage cycles





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- ➤ Key business models are already established
- No fixed number of business models yet
- The emerging circular economy needs to be empowered by creativity, entrepreneurship and courage to flourish
- Circular business models are important success factors for the future competitiveness of companies



- According to the European Union's action plan, what is one of the main objectives of the circular economy?
- What does the term "cradle-to-cradle" refer to in the context of circular economy practices?
- Which other examples of sharing models do you know?

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- How does the "Product as a Service" model shift focus?
- Please think of two companies in your country that have adopted the business model of product life extension and product use extension
- What characteristics of the companies' philosophies and products stand out to you?
- Can you think of an example for each of the business models described in the matrix?
- Please describe them each in three sentences

