

# Economics, circularity & sustainability

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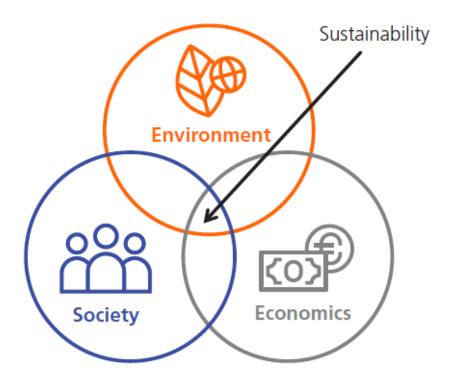
How can we get what we want?

ING Economics Department, Marieke Blom

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# First of all: sustainability



ING Economics Department



# **Sharing economy**





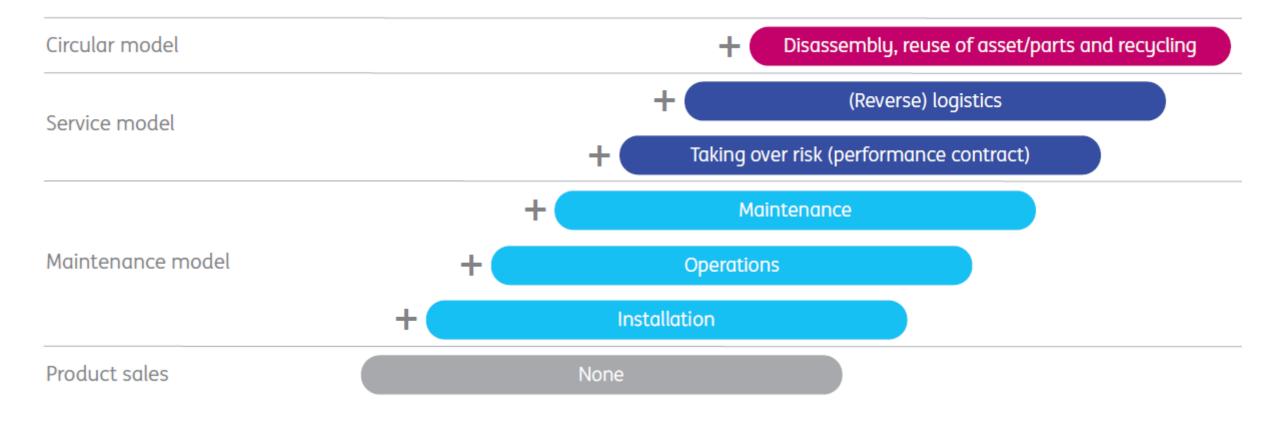






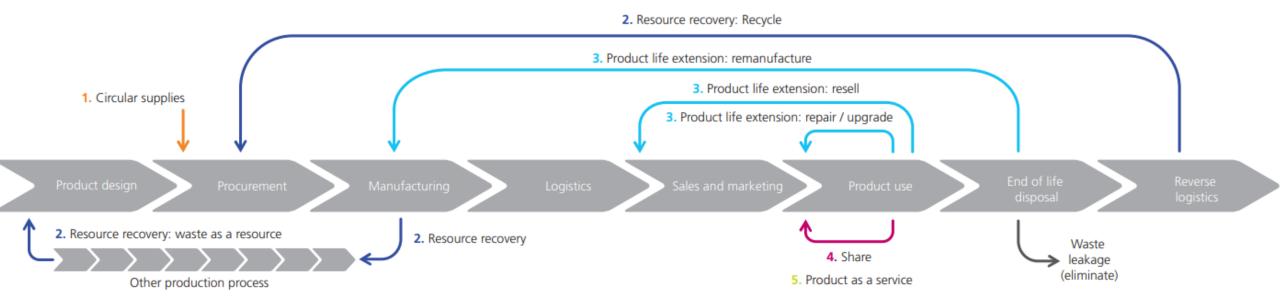


#### **Products as a service**





#### **Circular business models:**





## Why do we not have a circular economy?





## Why would we want a circular or sustainable economy?

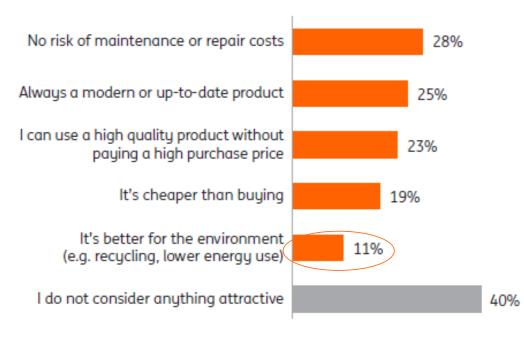




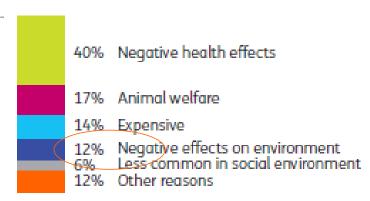


#### **Consumers?**

What do you consider attractive in durable goods subscriptions? % of Europeans



Question: why do you expect to eat less meat in the future? Because of...





# **Companies?**

Personal leadership

Talent management

Reputation

New commercial **opportunities** 

**Avoid risks** 

Avoid political fragmentation

Attract investors



# **Technology?**





#### But...

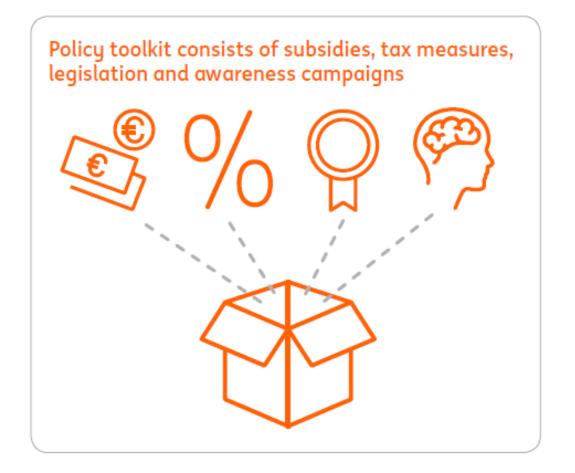
- Luxury goods with high footprint (meat, travel, air conditioning)

- Technology with high footprint (internet, bitcoins)
- Rebound effects (led lights)
- Feedback loops (oil prices)





### A policy toolkit will be necessary





# Where to expect subscriptions, rentals, services and circularity?

- Additional added value for user:
  - Hassle
  - Risk
- Lower costs:
  - Maintenance
  - Second hand market
  - Financing costs
- **Regulatory** interventions:
  - Life span of products
  - Costs of emissions
- Personal **leadership** 
  - Because your investors or talents ask for it
  - Because you can



#### Find us here:

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