



A strategy for circular economy From Advisory Board to a national strategy

Ministry of Environment and Food

Søren Mørch Andersen

I would especially thank:

Tobias Beck

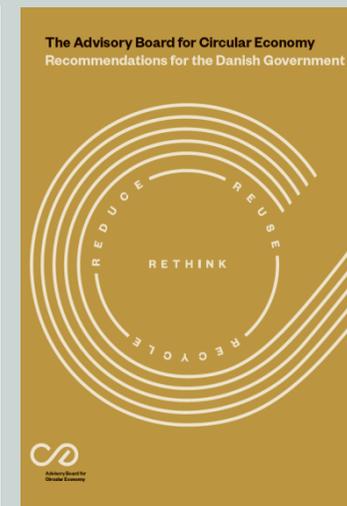
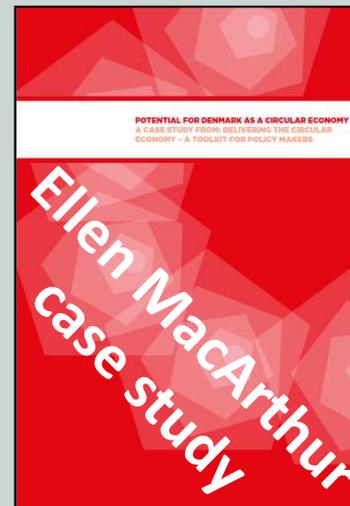
Mette Marie Nielsen

Aruwa Bendsen

for contributions with this presentation.



The beginning



- CE Strategy
- Action Plan on Plastic
- Waste prevention & management plan

2013

2015

2015

2017

2018

CE work
2019 -
2022



6 Themes:

1. Enterprises as the driving force of circular transition
2. Data and digitalisation in a circular economy
3. Circular economy through design
4. New consumption patterns through circular economy
5. A proper functioning market for waste and recycled raw materials
6. Circular economy in buildings and biomass



The transition to a more circular economy

- It is the government's goal to promote circular economy, including better (re) use of resources and waste prevention.
- **Progress** is followed by measuring Denmark's resource productivity ...

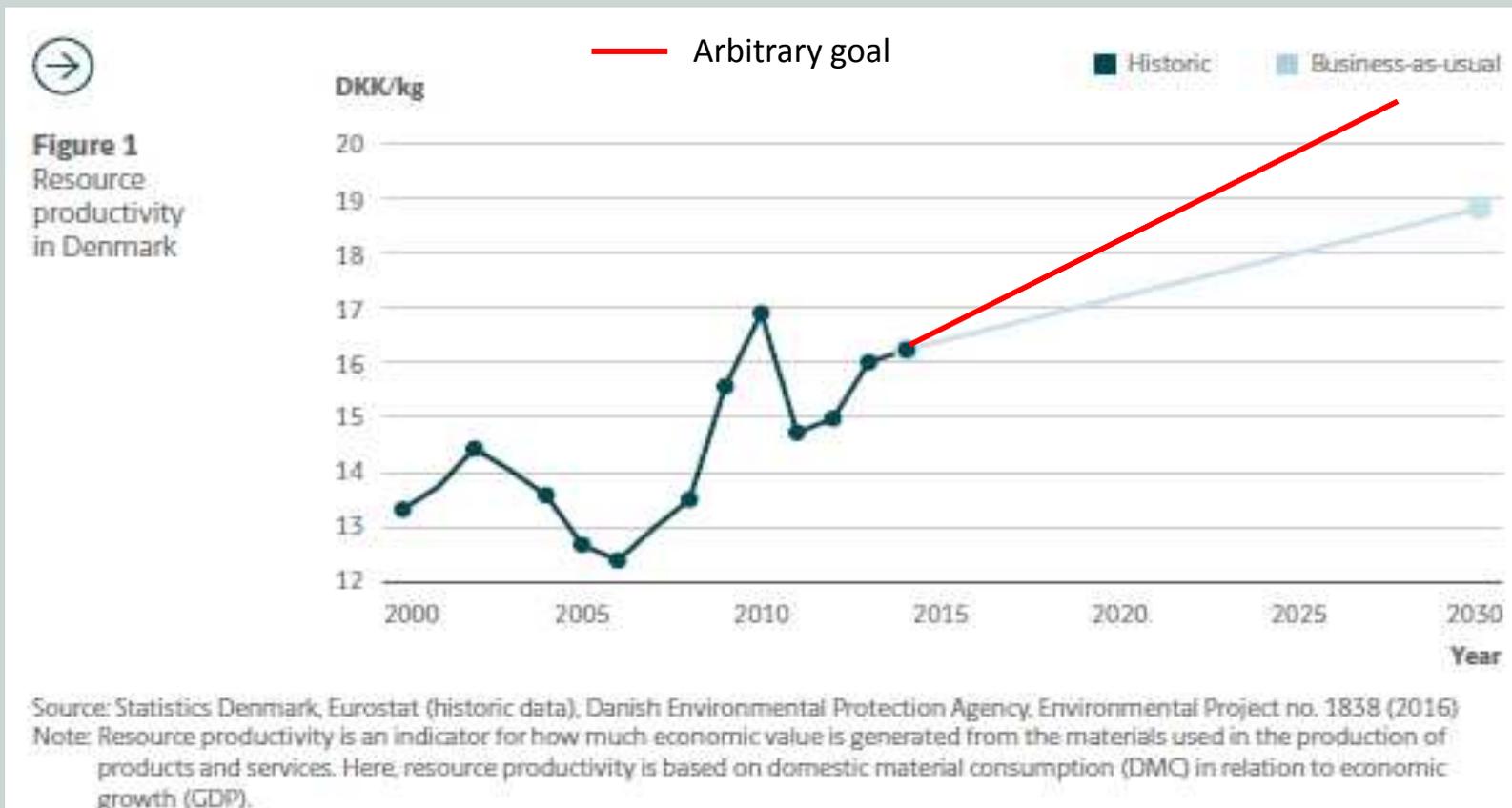
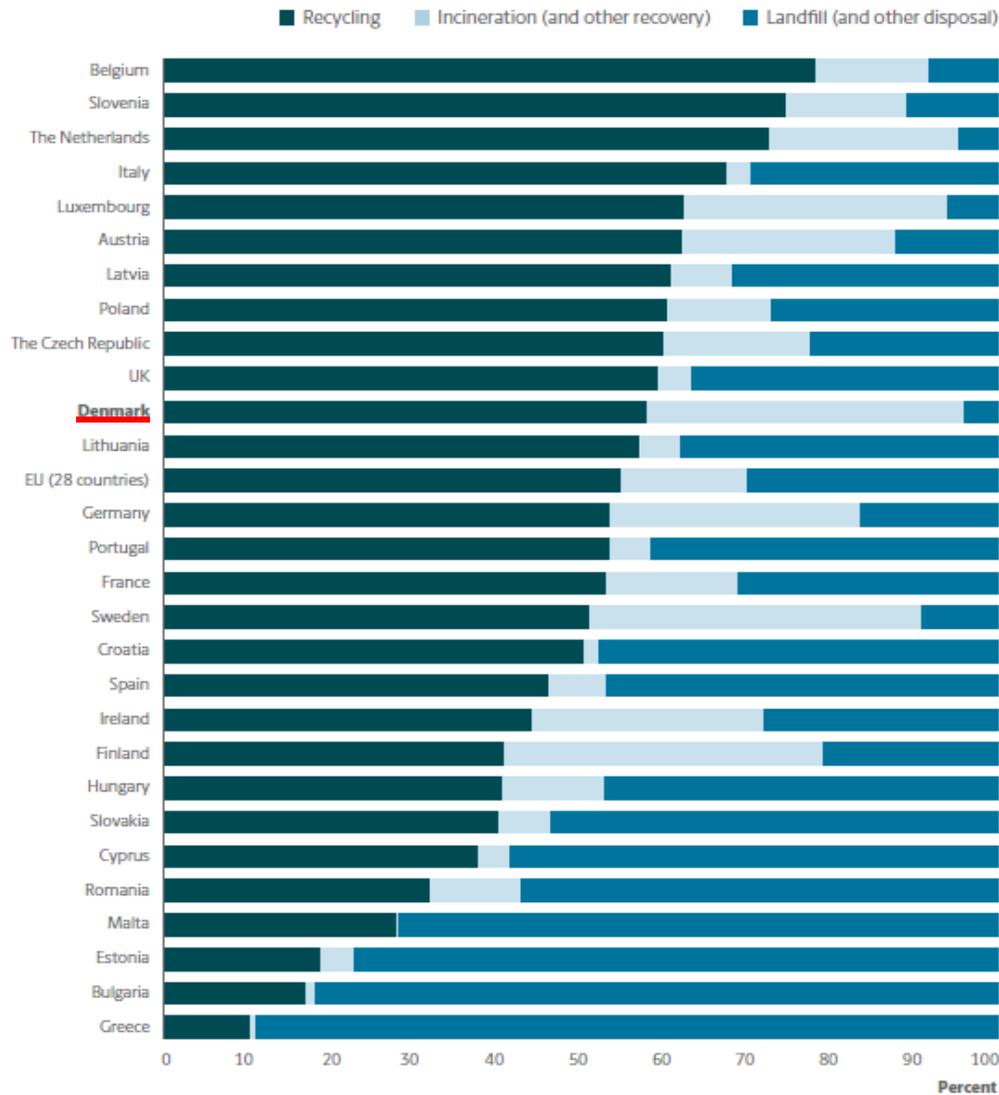




Figure 2
Waste treatment in the EU



Source: Eurostat

Note: the statement shows total waste excl. soil and mineral waste cf. Eurostat's waste indicator. The statement of total waste in Denmark in 2014 has been adjusted by the Danish Environmental Protection Agency, and updated figures are not yet available in the Eurostat database. "Landfill (and other disposal)" covers all forms of landfilling and incineration without energy recovery. "Incineration (and other recovery)" covers incineration with energy recovery and backfilling (backfilling is limited, since soil and minerals are not included in this dataset). "Recycling" covers recycling of inorganic and organic materials.

← ... and the proportion of recycling of total waste.



Businesses as the driving force for a circular transition

1. Promote circular business development in SMEs
2. Setting up a single point of entry to the authorities for enterprises with circular business models
3. Expanding the access to financing of circular business models



Figure 3
Production costs
in Danish industries



52%	Costs of raw materials and processed materials
7%	Costs of energy
18%	Costs of services, water, etc.
23%	Costs of labour, etc.

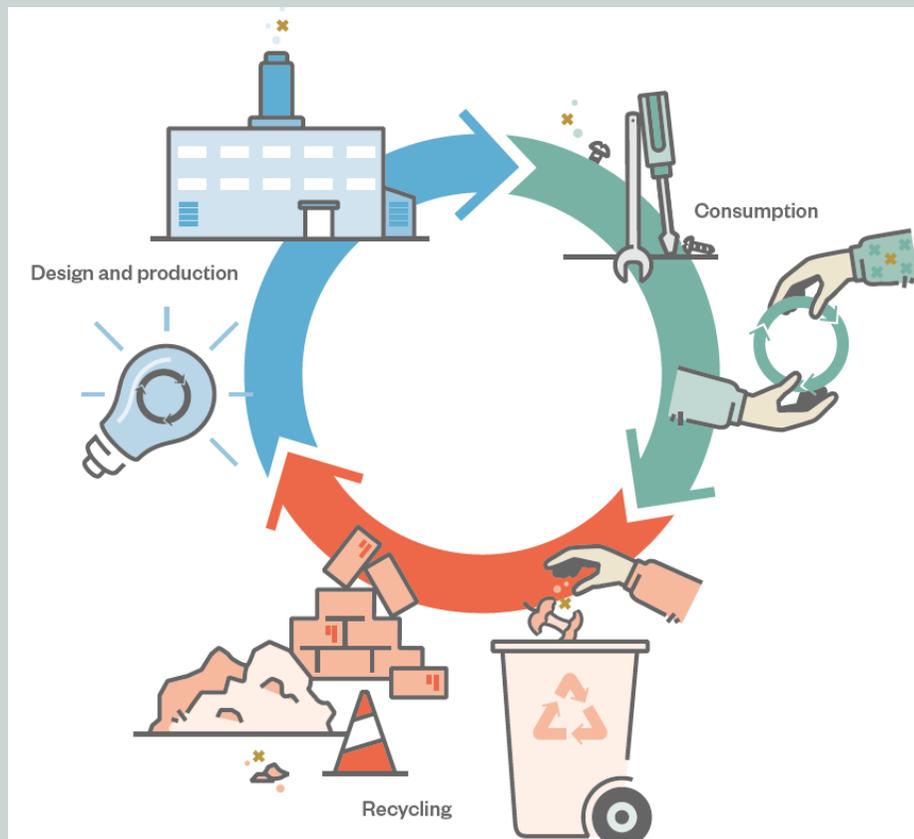
Source: Statistics Denmark

Note: Production costs in Danish industries in 2014



Circular economy through design

5. Incorporating circular economy into product policy
6. Boosting Danish participation in European work on circular standards



Ecodesign

P E F

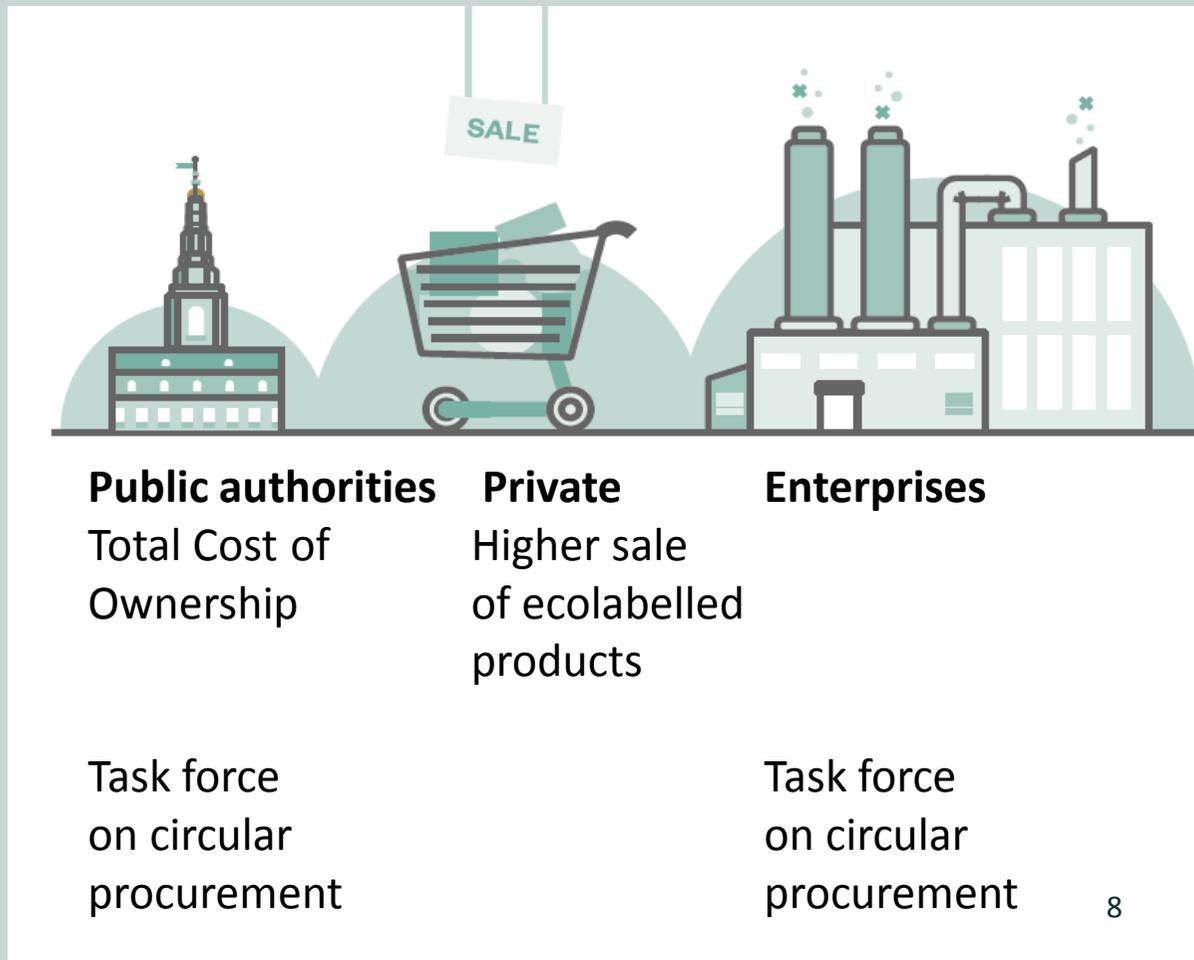


Standardisation



New consumption patterns through circular economy

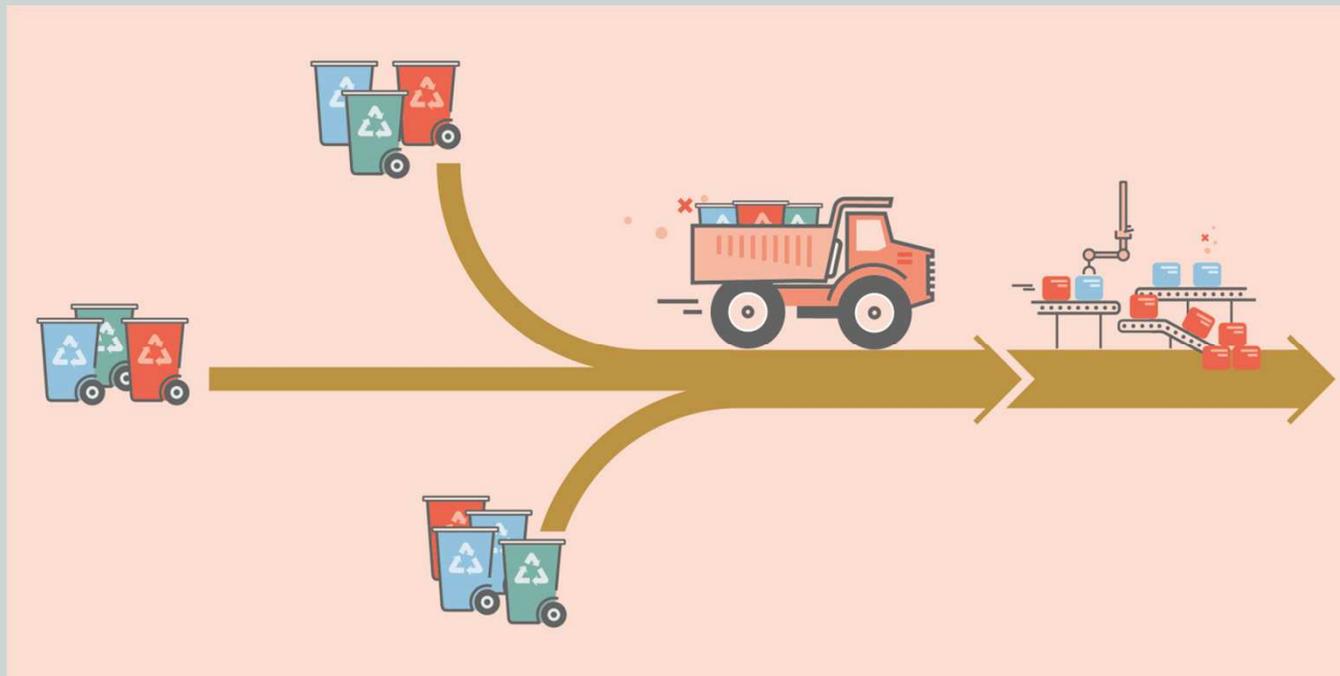
7. Promoting circular procurement
8. Increasing focus on total cost of ownership in public procurement





A proper functioning market for waste and recycled raw materials

9. Promoting more harmonised collection of household waste
10. Creating a level playing field on the market for waste and recycled raw materials
11. Liberalising WEEE management

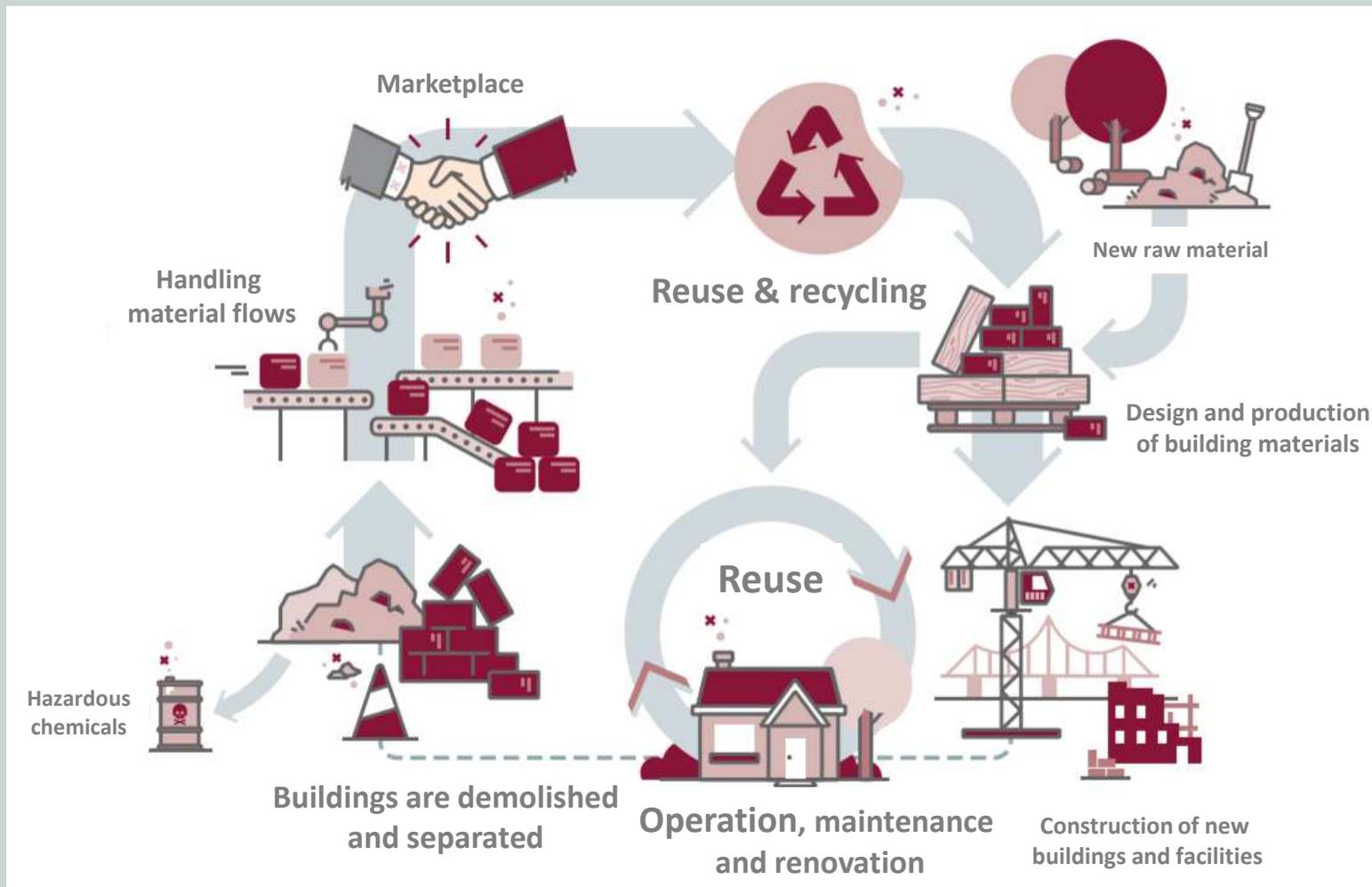




Circular economy in buildings

13. Developing a voluntary sustainability class

14. Propagating selective demolition of buildings

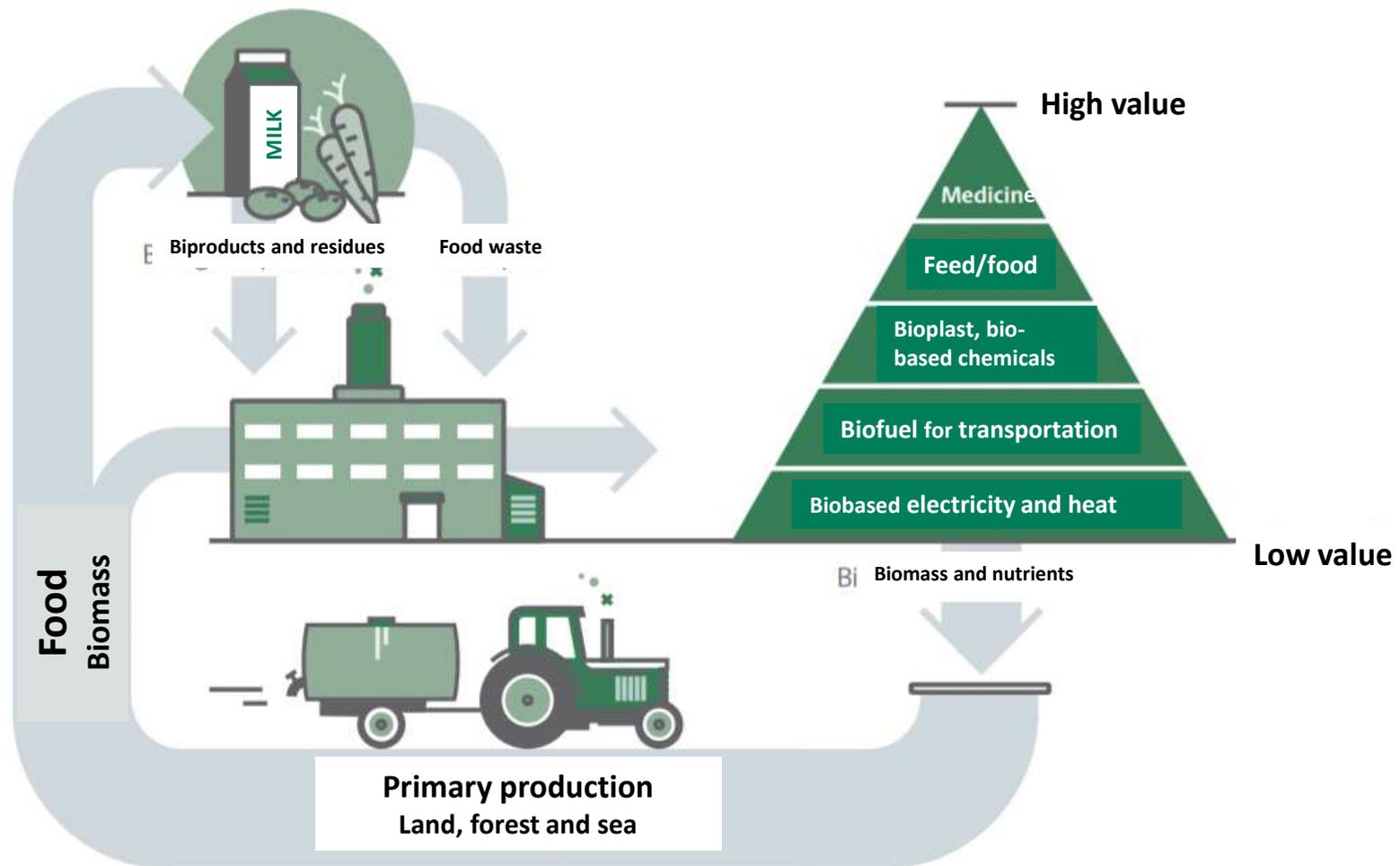






Circular economy in biomass

15. Getting more value out of biomass





From recommendations to a strategy





Primary deviations from the recommendations

New tools and analyses on how to use Total Cost of Ownership – TCO, **instead** of requiring **TCO** in public procurement

Guidelines for harmonised sorting and collection of household waste **instead** of mandatory harmonisation of sorting

Voluntary instead of compulsory **sustainability class in the building** regulations

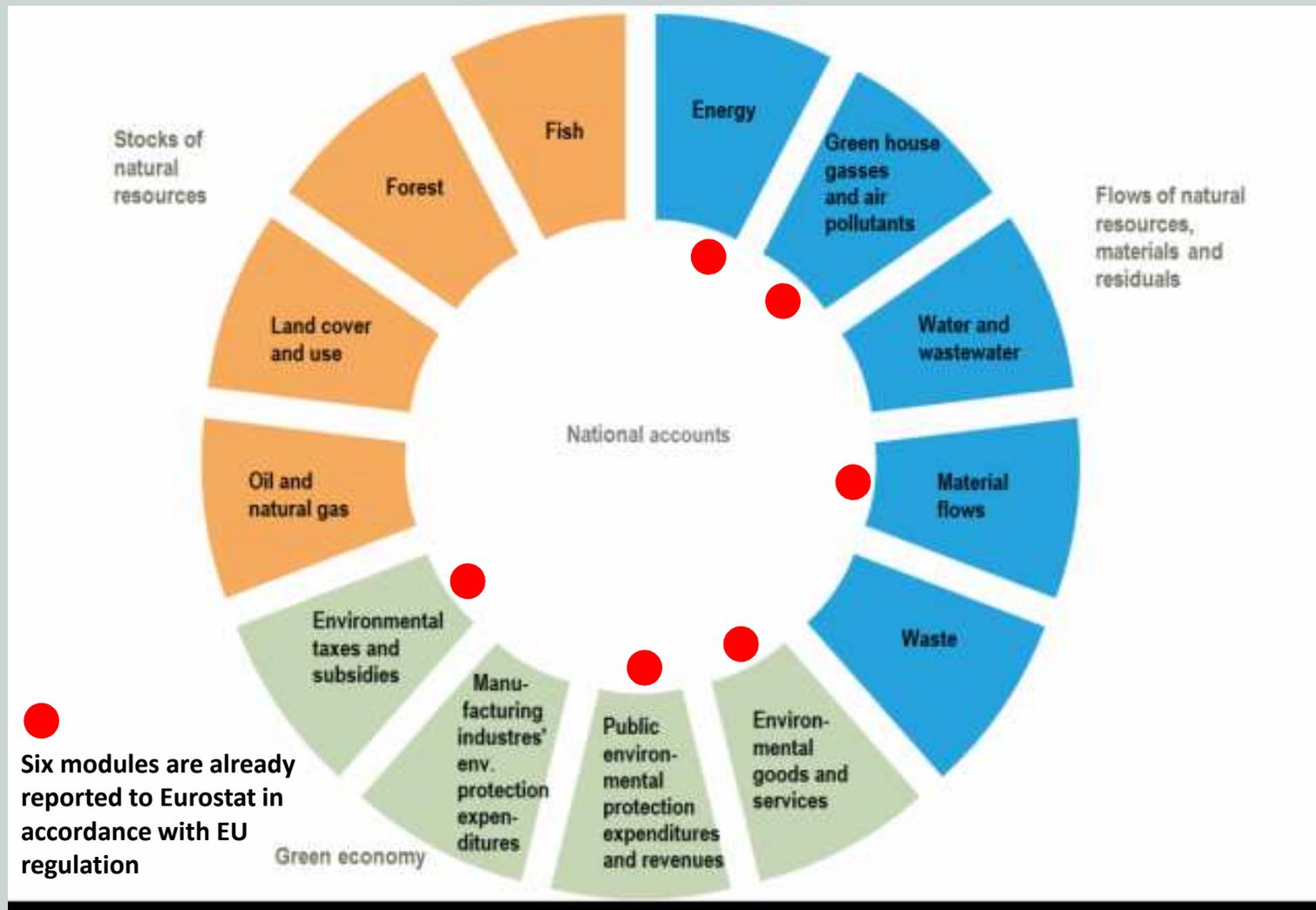
Preparatory analyses regarding the possibility of using **building passes** instead of regulation

Preparatory analyses as a basis for a future **bio-economy strategy** instead of preparing a strategy



Extra initiative: A *Green National Accounts for Denmark* (adding non-mandatory EU modules)

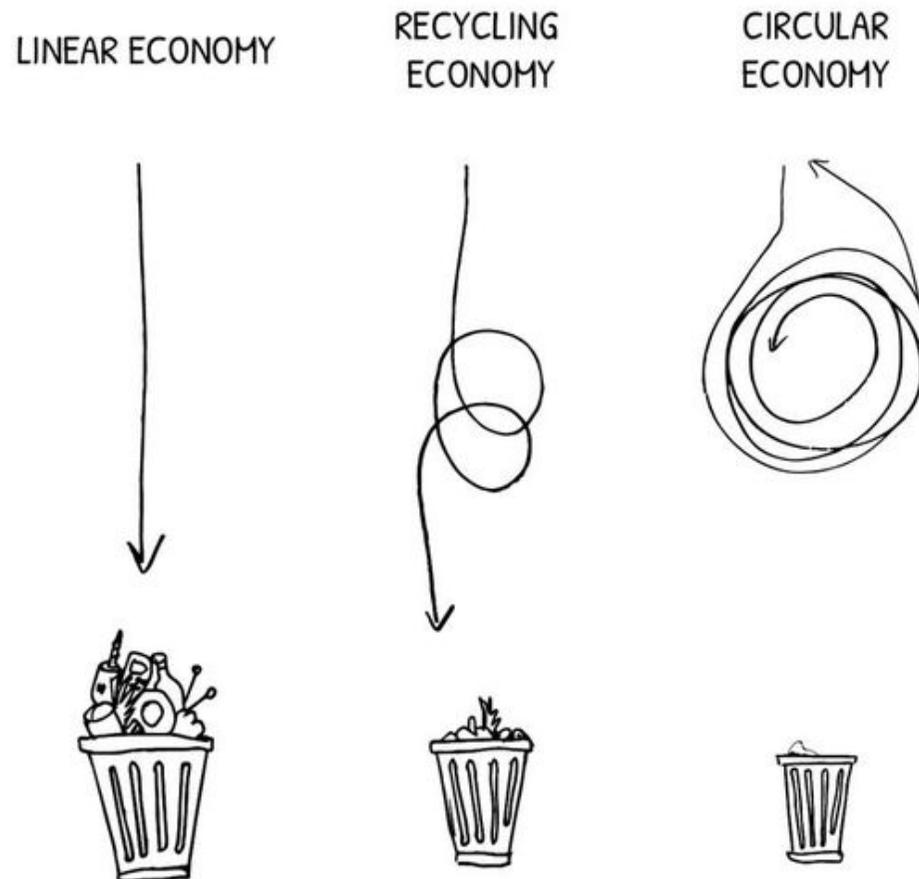
It was part of the *recommendations* from the Advisory Board and now also part of the **national** circular strategy.



Final word from the Chairman of the Advisory board, Flemming Besenbacher, Chairman of Carlsberg A/S

**“The time is now
for action and
a rethink of our
business models
and welfare society
based on the
following formula:
Reduce. Reuse.
Recycle. Rethink.”**

— **Flemming Besenbacher**
Chairman of the government's Advisory Board for Circular Economy





**Ministry of Environment
and Food of Denmark**

Thank you

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