



**Ministry of Environment  
of Denmark**

Environmental  
Protection Agency

# The Danish view on the Environment

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# Denmark – in basic numbers

## Total land area 43,000 km<sup>2</sup>

- Agriculture 66 %
- Forest 16 %
- Lakes, meadows and marsh 7 %
- Urban zone/infrastructure 10 %

## 7300 km coast line

## 440 islands (70 inhabited)

## 5.8 million inhabitants

## The Capital: Copenhagen



On 11 October 1971, the Ministry of the Environment was founded as the Ministry for Pollution Control - one of the first of its kind in the world.

At that time, it was something completely new - both in Denmark and in the world - to give political and administrative attention to pollution.

# The pollution

**”Dilution is not the solution to the pollution”**

# Denmark and the European Union



Ca. 4500 km



European  
Environment  
Agency



# Environmental Protection Act

## The Polluter pays - Principle

To avoid dilution Denmark made a strict legislation.

### **Environmental Protection Act**

- Broader ruleset
- Provides the legal basis to make more precise sets of rules regarding certain types of environmental issues.

### **Statutory orders about environmental aspects**

- Provides the general rules regarding protection of the environment

### **Guidelines**

- Provides the users guide how to interpretate the rules and how to act

# The Environmental Protection Act

## Article 19

- Paragraph 1
  - According to the Environmental Protection Act, it is not permitted to spread or bury substances, products or materials that can contaminate groundwater or soil without permission
- Paragraph 4
  - Permission according to paragraph 1 is given by the local municipality, unless the Minister for the Environment specifies other rules.
- Paragraph 5
  - The Minister for the Environment can specify regulation, where it doesn't require a permit to spread or bury substances, products or materials



# Danish EPA – overall responsibilities and tasks

Technical inputs to the department and the minister

Management and enforcement of National & EU regulation on

Inspection of compliance with chemicals & biocide regulation

Monitoring of terrestrial and aquatic environment

Environmental permits and inspects compliance for large, complex or high-risk industries

Eco-innovation - promotion and support for green technology

Strategic sector cooperation with other countries



The minister of  
Environment, Magnus  
Heunicke

# The Ministry

Taking care of Nature and the environment, consumer protection and information are core concerns of the Ministry of Environment.

The Ministry facilitates the development of sustainable and resource-efficient solutions and contributes to the development of the Danish society, while simultaneously minding nature, the environment and our drinking water.

Ministry of Environment of Denmark includes the Department, the Environmental Protection Agency and the Danish Nature Agency which includes the Danish Coastal Authority.

Find more information about the Danish Ministry of Environment [here](#).



## The Danish Environmental Protection Agency

The Environmental Protection Agency manages tasks in the following areas: Rich Nature, Clean Water, Safe Chemistry and Green Production.



## The Danish Nature Agency

The Danish Nature Agency manages forests and natural areas, to create the greatest possible value for society in terms of outdoor recreation, nature protection and efficient operation of the Agency's forests and other natural areas.



## The Coastal Authority

The Danish Coastal Authority manages regulatory tasks concerning coastal protection and the state territorial waters.

# Danish Perception of Environment

**The precautionary principle**

# The base of Denmark





## Drinking water from Ground water





# Wastes Water Treatment Plants





# The Water Environment





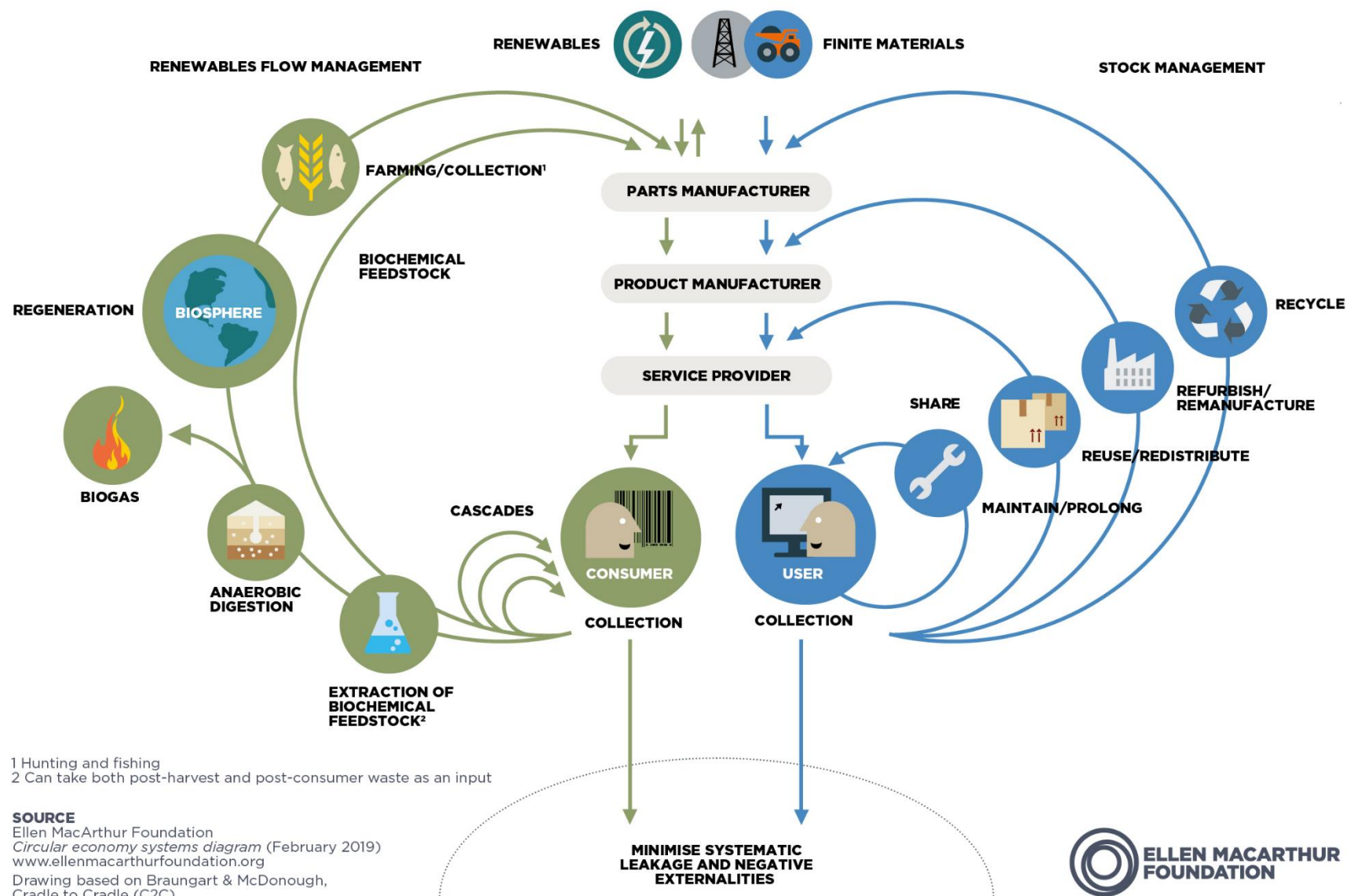
# Generational Pollutions





# Circular Economy

# Circular Economy



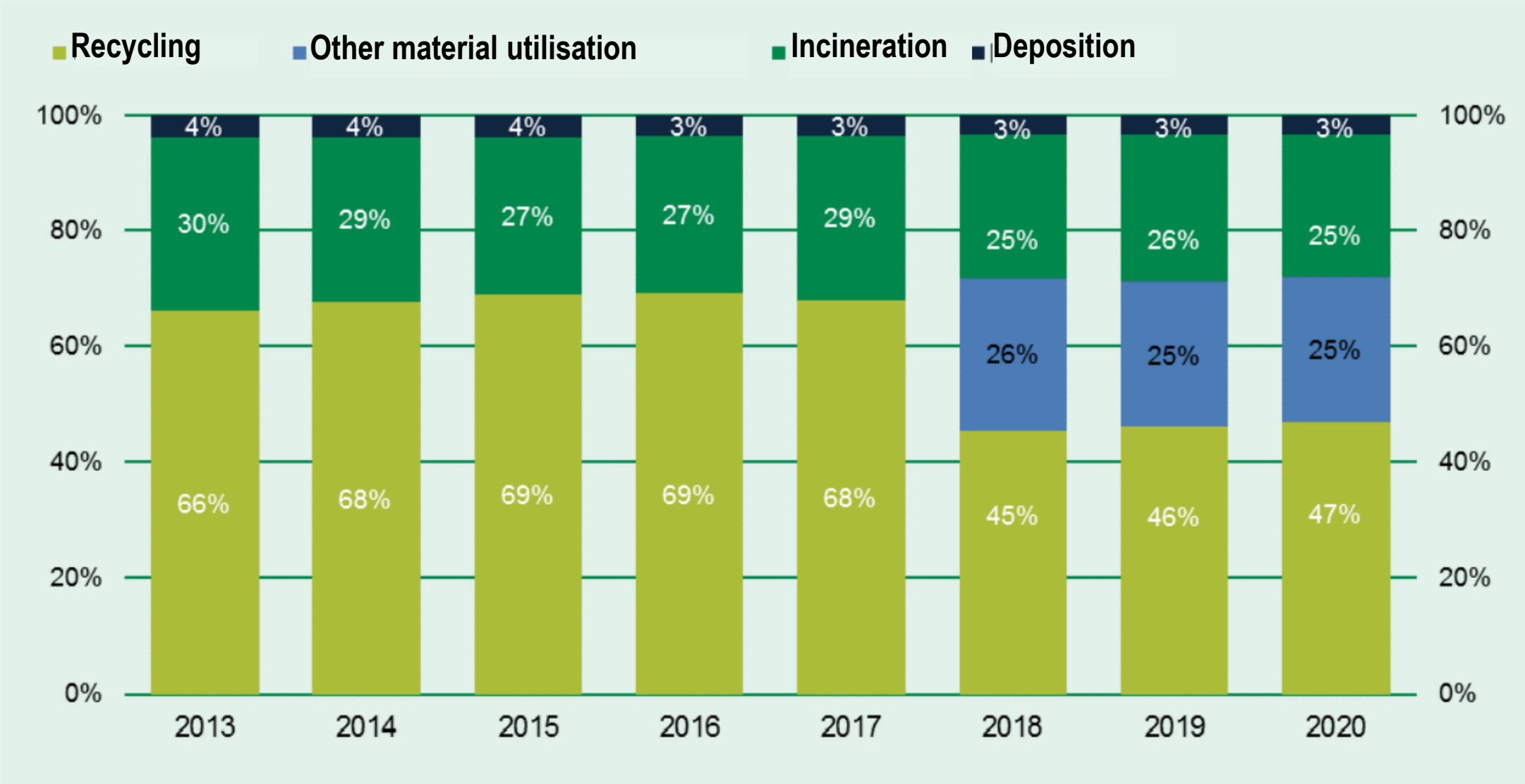
# Waste to Resources in a Circular Economy - Transition Strategies



## Waste hierarchy

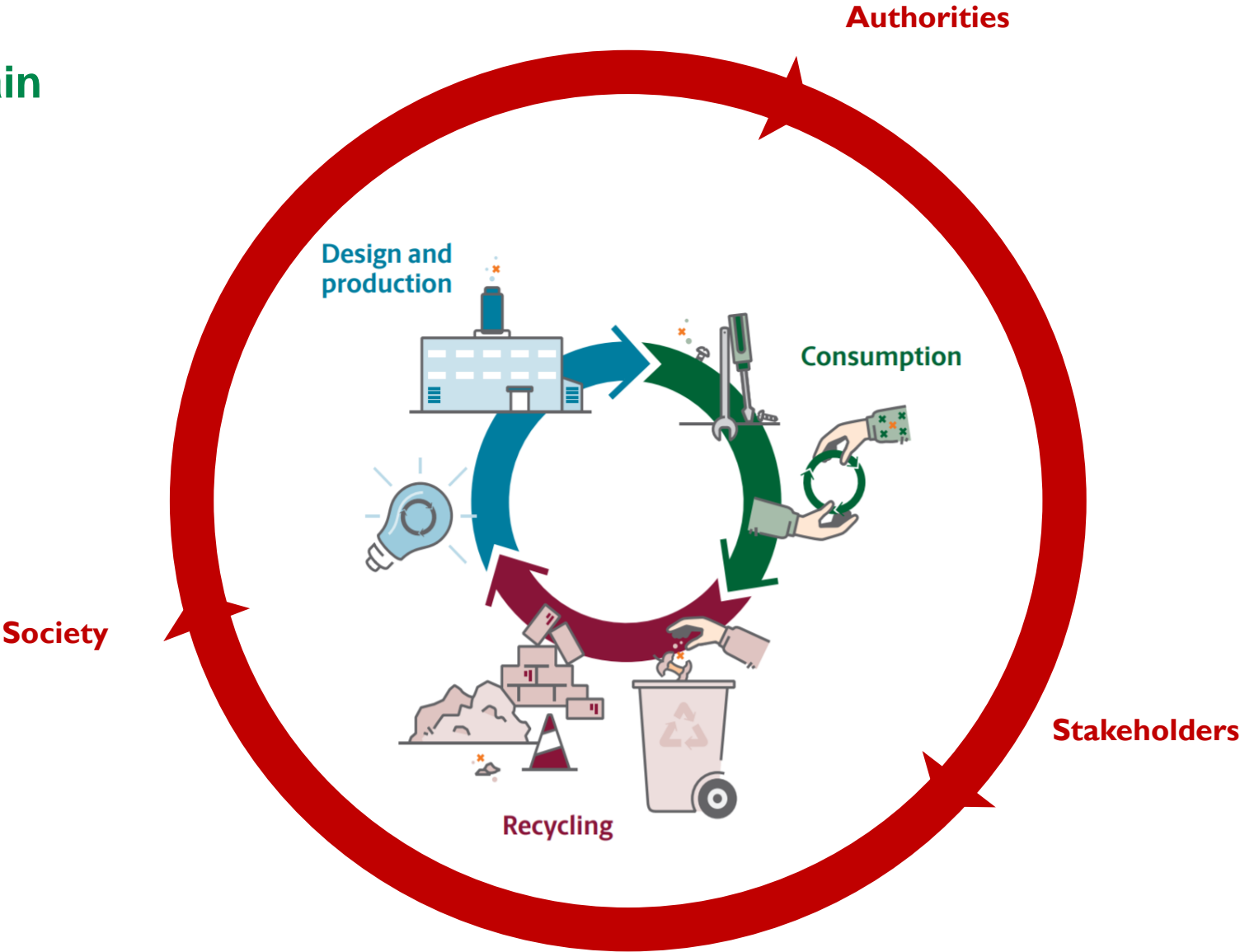


# Danish Waste Management

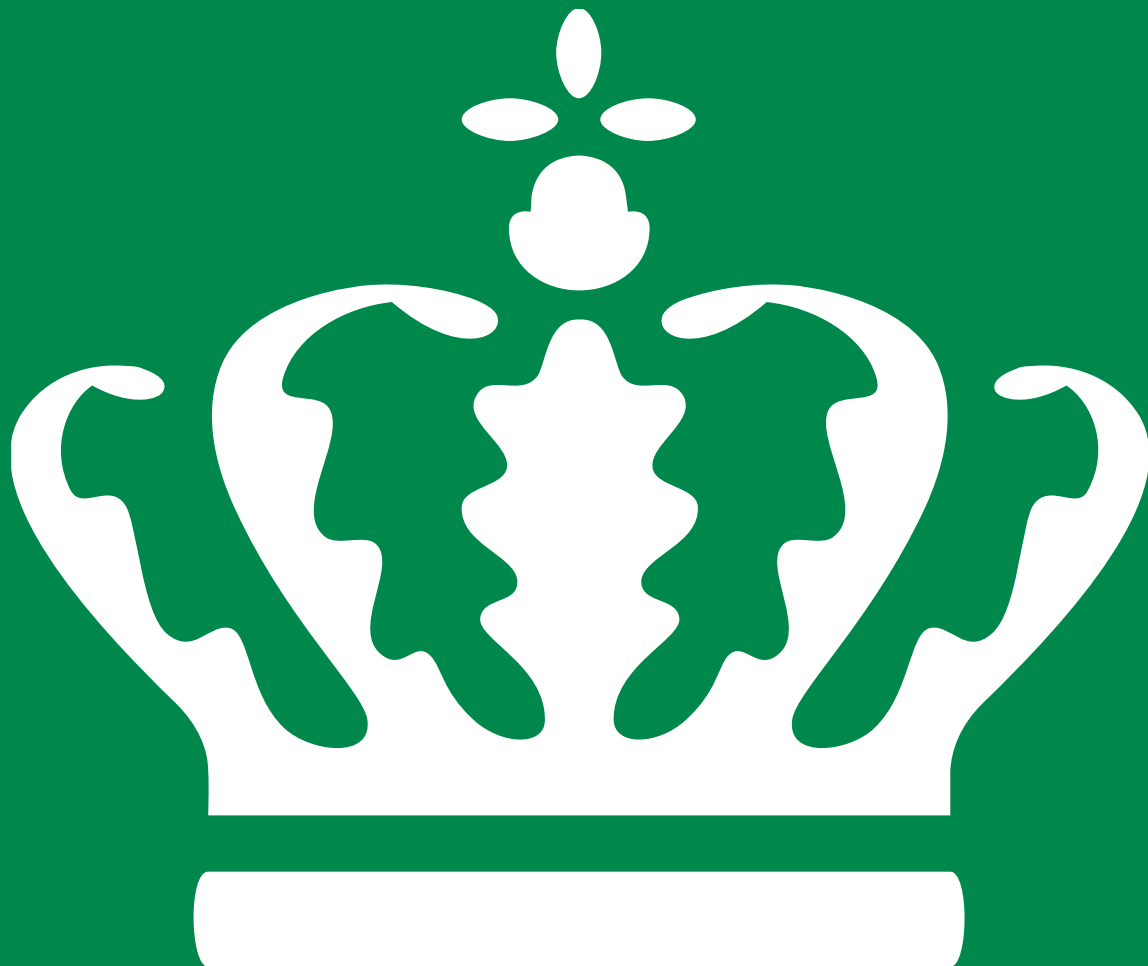


# Circular Support for Circular Economy

## The Value Chain



# Terima kasih



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