

Eionet webinar on:  
**Recently adopted national circular economy policies:  
updates from Denmark, France and Slovenia**

Thursday, 13 December 2018, 11:30 - 13:00

## Summary report and presentations

ETC/WMGE 2.1.1.b Task Manager:

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European Topic Centre on Waste and Materials in a Green Economy

EEA project manager:  
**Paweł Kaźmierczyk**

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Documents, presentations and video recordings from previous EEA resource efficiency webinars are available on the Eionet Forum:  
<http://forum.eionet.europa.eu/nrc-scp-waste/library/eionet-webinars/webinars-resource-efficiency>

# 1. Background and objectives of the webinar

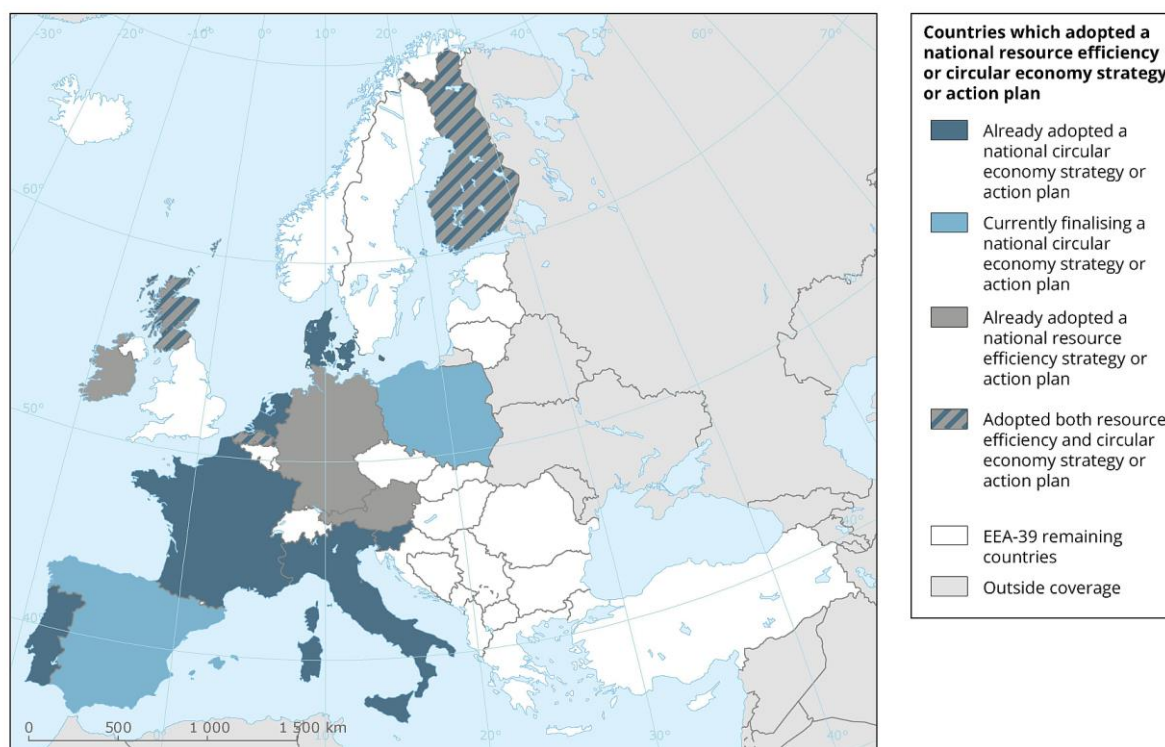
Webinars on policies and instruments for resource efficiency and the circular economy are organized by the European Environment Agency for the [Eionet network](#). They aim to support the exchange of information and sharing of experience among national institutions responsible for development and implementation of policies for the resource-efficient, circular economy at the country level.

The main objectives of these webinars are to keep countries informed about on-going and upcoming EU policy initiatives, and to provide a forum where countries themselves can present examples of their national initiatives that support the transition to a resource-efficient circular economy.

[Previous webinars](#) covered such topics as financing mechanisms for the circular economy; national strategies for resource efficiency; targets and indicators; industrial symbiosis; Raw Material Consumption and the European target on resource productivity; decoupling; policy mixes for resource efficiency; or national action plans for the circular economy.

The webinar on 13 December 2018 focused on national strategies or roadmaps for the circular economy adopted in the last few months.

Many experts are familiar with circular economy initiatives in Belgium, Finland, or the Netherlands. However, in 2017 and 2018, several more countries adopted their national CE roadmaps, strategies, or action plans, or are in the process of doing so, as shown on the map below. This is based on the information provided by Eionet countries in the context of work on the upcoming 2019 EEA report with an overview of national initiatives on resource efficiency and circular economy in 32 European countries.



Following a welcome by Mr Daniel Montalvo, head of group on Sustainable Resource Use and Industry at EEA, and a short overview of recent national initiatives on resource efficiency and circular economy in Europe by Mr Pawel Kazmierczyk, EEA, the key part of the webinar were presentations of recent CE initiatives taken in Denmark, France and Slovenia:

**Danish Strategy for Circular Economy**, (adopted in September 2018),

presented by Mr Søren Mørch Andersen

(<https://stateofgreen.com/en/uploads/2018/10/Strategy-for-Circular-Economy-1.pdf>) and ([https://en.mfvm.dk/fileadmin/user\\_upload/MFVM/Miljoe/Cirkulaer\\_oekonomi/Advisory-Board-for-Circular-Economy-Report-2017-Content\\_Single\\_pages\\_WEB.pdf](https://en.mfvm.dk/fileadmin/user_upload/MFVM/Miljoe/Cirkulaer_oekonomi/Advisory-Board-for-Circular-Economy-Report-2017-Content_Single_pages_WEB.pdf))

**The French roadmap for the Circular Economy**, (adopted in April 2018),

presented by Mr Sylvain Chevassus

(<https://www.ecologique-solidaire.gouv.fr/sites/default/files/FREC%20anglais.pdf>) and ([http://www.statistiques.developpement-durable.gouv.fr/fileadmin/documents/Produits\\_editoriaux/Publications/Datalab/2017/datalab-18-economie-circulaire-Edition-2017-anglais.pdf](http://www.statistiques.developpement-durable.gouv.fr/fileadmin/documents/Produits_editoriaux/Publications/Datalab/2017/datalab-18-economie-circulaire-Edition-2017-anglais.pdf))

**The Slovenian Roadmap towards the Circular Economy**, (adopted April 2018),

presented by Mme Janja Kreitmayer

([http://www.mop.gov.si/fileadmin/mop.gov.si/pageuploads/medijsko\\_sredisce/2018/05\\_Maj/04\\_SJ\\_Kazipot/18\\_05\\_04\\_SJ\\_Kazipot\\_EN.pdf](http://www.mop.gov.si/fileadmin/mop.gov.si/pageuploads/medijsko_sredisce/2018/05_Maj/04_SJ_Kazipot/18_05_04_SJ_Kazipot_EN.pdf))

The last part of the webinar consisted of a round of questions from the audience to the presenters. The topics included targets and voluntary commitments; mechanisms to monitor and measure progress towards the circular economy; use of taxes and stakeholder involvement in the green budget reform; and complementarity between EU and national actions on the circular economy.

Over a hundred persons registered for the webinar. In addition to participants from 30 countries (map below), experts from the European Commission, the European Investment Bank, and the International Resource Panel also joined the event.



## 2. Short biographies of the speakers

### **Mr Søren Mørch Andersen, Ministry of Environment and Food, Denmark**

Søren Mørch Andersen works at the Ministry of Environment and Food, Denmark. He holds a PhD degree in Microbiology. Prior to joining the Ministry in 2018, he worked at the Environmental Protection Agency, Denmark (2001-2018) and the Geological Survey of Denmark and Greenland (1996-2001).

Since 2001, Søren's work areas and interests included Sustainable Consumption and Production, especially with eco-labelling and green public procurement, but also other SCP instruments like environmental management, Ecodesign, and latest Product Environmental Footprint, and the Circular Economy.

Email: [san@mfvm.dk](mailto:san@mfvm.dk)

### **Mr Sylvain Chevassus, Ministère de la transition écologique et solidaire, France**

Sylvain Chevassus studied geography and European public policies. After some years in various Brussels-based organisations, since 2010 Sylvain has been working on sustainable consumption and production policies at the French Environment Ministry. One of his missions is to establish links between national policy and the EU and international levels

Email: [Sylvain.Chevassus@developpement-durable.gouv.fr](mailto:Sylvain.Chevassus@developpement-durable.gouv.fr)

### **Mme Janja Kreitmayer, Ministry for the Environment and Spatial Planning, Slovenia**

Janja Kreitmayer McKenzie is a Secretary (Senior Policy Advisor) at the Ministry for the Environment and Spatial Planning, Slovenia. She is a circular economy and urban development expert and policy advisor. Since 2014 she has worked on the transition to a green and circular economy in Slovenia. From 2015 to July 2018 she worked as a Deputy Head of Partnership for Green Economy in Slovenia, which was led by the Office of the Prime Minister. She has also extensive experience in the international environment as a member various bodies within the EU, UN and OECD in the area of urban development and circular economy.

During Slovenian Presidency of the Council of the EU in 2008, she was in charge of the urban development dossier, and after continued to be responsible for urban development policy and EU territorial cohesion policy. She also worked as a coordinator and a researcher for international and national research projects on urban development issues. From 2009 to 2012 she was the Head of Sector for Strategic Spatial Development, and prior to that the Head of Department for National Spatial Planning, and Deputy Director for territorial development at the Office for National Spatial Planning of the Republic of Slovenia.

Janja started her career as an architect, and then obtained a Master's degree in Urban Planning from Columbia University in New York.

Email: [Janja.Kreitmayer@gov.si](mailto:Janja.Kreitmayer@gov.si)

### 3. Agenda: Webinar on recently adopted national circular economy policies

**Thursday 13 December 2018, 11:30 - 13:00 (CET)**

11:30 - 11:35	<b>Start of the webinar.</b> <b>Welcome and introduction</b> Mr Daniel Montalvo, European Environment Agency
11:35 - 11:45	<b>Setting the context - overview of recent national policy initiatives supporting transition to a resource-efficient circular economy</b> Mr Paweł Kaźmierczyk, European Environment Agency  <i>(10 min presentation)</i>
11:45 - 12:05	<b>Strategy for the Circular Economy in Denmark, (September 2018)</b> Mr Søren Mørch Andersen, Ministry of Environment and Food  <i>(15 min presentation + 5 min Q&amp;A)</i>
12:05 - 12:25	<b>Roadmap for the Circular Economy in France (April 2018)</b> Mr Sylvain Chevassus, Ministère de la transition écologique et solidaire  <i>(15 min presentation + 5 min Q&amp;A)</i>
12:25 - 12:45	<b>Roadmap towards the Circular Economy in Slovenia (April 2018)</b> Mme Janja Kreitmayer, Ministry for the Environment and Spatial Planning  <i>(15 min presentation + 5 min Q&amp;A)</i>
12:45 - 13:00	Round of discussion, general questions and answers
13:00	<b>End of the webinar</b>

# 4. Presentations

Full-size presentations are available in pdf on [the Eionet Forum](#)

## Overview of recent national policy initiatives on resource efficiency and circular economy in Europe

Mr Paweł Kaźmierczyk, European Environment Agency

European Environment Agency

Eionet webinar on:

### Recently adopted national circular economy policies – updates from Denmark, France and Slovenia

13 December 2018, 11:30 – 13:00 CET


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European Environment Agency

### Participants today

Hundred registered participants from 30 countries:

- Austria
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- FYR Macedonia
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Latvia
- Malta
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom




Also, colleagues from the European Commission, the European Investment Bank, and the International Resource Panel

2

European Environment Agency

### Context: a lot of activity in the countries...



Countries which adopted a national resource efficiency or circular economy strategy or action plan:

- Already adopted a national circular economy strategy or action plan
- Currently finalising a national circular economy strategy or action plan
- Already adopted a national resource efficiency strategy or action plan
- Adopted both resource efficiency and circular economy strategy or action plan

EEA 28 remaining countries  
Outside coverage

3



European Environment Agency

### Periodic Eionet surveys of national policies

Main goal is to encourage **Information sharing and capacity building** within EEA's Eionet network

Insights and knowledge to support the **Implementation of EU policies**, e.g., Resource efficiency roadmap, Circular economy action plan

An integral part of the reports are **detailed country profiles**, prepared by countries:

4

European Environment Agency

### European Circular Economy Stakeholder Platform:

<https://circulareconomy.europa.eu/platform/en/strategies>



European Environment Agency

### Some countries adopted a resource efficiency strategy or roadmap

- Austria (2012)
- Finland (2013, updated 2018) (also has a CE roadmap)
- Germany (2012, updated 2016)
- Ireland (2014)
- Belgium-Flanders (2011) (also has a CE roadmap)
- UK-Scotland (2013) (also has a CE roadmap)



### Countries which reported to work on a circular economy strategy or roadmap /1

- BELGIUM: Flanders' Materials Programme, and Circular Flanders Kick off statement (Jan 2017) + City of Brussels + Federal level
- CROATIA: Ministry of Environment and Energy planning a study on the implementation of the concept of a circular economy in Croatia.
- DENMARK: Advisory Board on circular economy, a vision on circular economy for Danish businesses, proposed five targets for Denmark in 2030, and provided 27 concrete recommendations (June 2017). CE strategy adopted September 2018
- ESTONIA: a strategic document/action plan for a circular economy under development, with a view to adoption by 2020.
- FINLAND: Leading the cycle – Finnish road map to a circular economy 2016-2025 (Sept 2016).
- FRANCE: government published, within the climate plan, a roadmap for the circular economy (April 2018).
- HUNGARY: intends to set up an action plan for circular economy.
- ITALY: Towards a Circular Economy Model for Italy – Framework and Strategic Document (adopted in Nov 2017).
- LATVIA: Report on opportunities from the circular economy in Latvia under preparation.

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### Countries which reported to work on a circular economy strategy or roadmap /2

- NETHERLANDS: Government Programme for a Circular Economy, and A Circular Economy in the Netherlands by 2050 (Sept 2016) + transition agendas.
- NORWAY: White Paper on waste policies in a circular economy (June 2017).
- POLAND: development of a Roadmap for Transformation towards circular economy (expected late 2018/early 2019).
- PORTUGAL: adopted a Circular Economy Action Plan, Leading the transition to the circular economy: 2017–2020 (Nov 2017).
- SERBIA: working on a strategic document on circular economy in the field of waste management
- SLOVENIA: published a Roadmap to the circular economy (April 2018).
- SPAIN: developing a draft national Circular Economy Strategy (to be adopted in 2018). Some regions have already published regional strategies on the circular economy.
- SWEDEN: a delegation for the development of a circular economy included in the government 2018 budget bill.
- UNITED KINGDOM: London's Circular Economy Route Map (Jun 2017); Northern Ireland intends to produce a Circular Economy strategy; Making Things Last, Scotland Circular Economy Strategy (Feb 2016).

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### Nine countries have adopted national targets for resource productivity (using the lead indicator GDP/DMC)

Country	National target	Period or year
Austria	30% increase in GDP/DMC	2008-2020
Estonia	2 to 10-fold improvement in GDP/DMC	By 2050
France	50% increase to 0.46 tDMC/tGDP	2019
Germany	30% increase in GDP/DMC	2010-2020
Hungary	Increasing resource productivity Total of total raw material productivity for combined manufacturing at 1.7% per year Reducing material intensity DMC/GDP by 30%	2007-2020 2020
Latvia	Resource productivity EUR 800	2020
Montenegro	Resource productivity EUR 720	2020
Portugal	60 per cent increase in resource productivity 100 % per cent increase in resource productivity	2010-2020 2010-2020
Spain	Resource productivity EUR 1.17	2020
Sweden	Resource productivity EUR 1.12	2020
Sweden	Resource productivity EUR 1.15	2020
Sweden	1.2 tDMC/t Purchasing Power Parity	2020

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### Today's presentations:

**Strategy for the Circular Economy in Denmark, September 2018**  
Mr Søren Mørch Andersen, Ministry of Environment and Food

**Roadmap for the Circular Economy in France, April 2018**  
Mr Sylvain Chevassus, Ministère de la transition écologique et solidaire

**Roadmap towards the Circular Economy in Slovenia, April 2018**  
Mme Janja Kreitmayer, Ministry for the Environment and Spatial Planning

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### Webinar documents available on the Eionet Forum

The screenshot shows the Eionet Forum interface with a search bar and a list of documents. The list includes titles such as 'Webinars on resource efficiency', 'Circular economy in the EU', and 'Circular economy in the UK'. Each entry has a date and a download icon.

### Thank you for your attention!

If you have any comments or suggestions concerning today's and future webinars, please let us know!

*Looking forward to seeing you again -*  
Next webinar in the spring 2019...

# Strategy for the Circular Economy in Denmark

Mr Søren Mørch Andersen, Ministry of Environment and Food

Ministry of Environment and Food of Denmark

## 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.

1

Ministry of Environment and Food of Denmark

## The beginning

- Denmark without waste (2013)
- Denmark without Waste II (2015)
- Ellen MacArthur case study (2015)
- Denmark's Environmental Strategy (2017)
- CE Strategy (2018)
- Action Plan on Plastic (2018)
- Waste prevention & management plan (2018)

CE work 2019 - 2022

2

Ministry of Environment and Food of Denmark

## Strategy for Circular Economy

More value and better environment through design, consumption and recycling

### 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

3

Ministry of Environment and Food of Denmark

## 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 1 Resource productivity in Denmark

Source: Statistics Denmark, Eurostat (historic data), Danish Environmental Protection Agency Environmental Project no. 1818 (2016). Note: Resource productivity is an indicator for how much economic value is generated from the materials used in the production of products and services. Here, resource productivity is based on domestic material consumption (DMC) in relation to economic growth (GDP).

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Ministry of Environment and Food of Denmark

## Figure 2

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

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Ministry of Environment and Food of Denmark

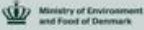
## Businesses as the driving force for a circular transition

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

Figure 3 Production costs in Danish industries


Source: Statistics Denmark. Note: Production costs in Danish industries in 2014

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## Circular economy through design

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



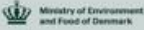
**Ecodesign**

**PEF**


**Standardisation**

7



## New consumption patterns through circular economy

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



Public authorities	Private	Enterprises
Total Cost of Ownership	Higher sale of ecolabelled products	
Task force on circular procurement		Task force on circular procurement

8

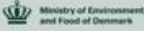


## A proper functioning market for waste and recycled raw materials

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




9



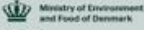
## Circular economy in buildings

13. Developing a voluntary sustainability class  
14. Propagating selective demolition of buildings



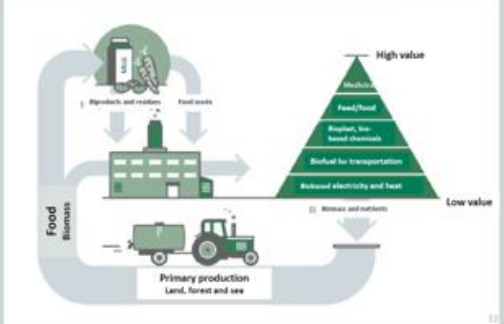
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## Circular economy in biomass

15. Getting more value out of biomass



11

Ministry of Environment and Food of Denmark

## From recommendations to a strategy

13

Ministry of Environment and Food of Denmark

## 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

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Ministry of Environment and Food of Denmark

**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**.

15

Ministry of Environment and Food of Denmark

## 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."**

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Ministry of Environment and Food of Denmark

## Thank you

Søren Mørch Andersen  
san@mfvm.dk

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Links:

<https://stateofgreen.com/en/uploads/2018/10/Strategy-for-Circular-Economy-1.pdf>

[https://en.mfvm.dk/fileadmin/user\\_upload/MFVM/Miljoe/Cirkulaer\\_oekonomi/Advisory-Board-for-Circular-Economy-Report-2017-Content\\_Single\\_pages\\_WEB.pdf](https://en.mfvm.dk/fileadmin/user_upload/MFVM/Miljoe/Cirkulaer_oekonomi/Advisory-Board-for-Circular-Economy-Report-2017-Content_Single_pages_WEB.pdf)



# Roadmap for the Circular Economy in France

Mr Sylvain Chevassus, Ministère de la transition écologique et solidaire

1

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## A roadmap for all stakeholders

Citizens and Consumers

Municipalities and Territories

Businesses and Professionals

The State and Public authorities

#entronsdanslaboucle

7

## Citizens and Consumers

Consume in a more sustainable way, in particular by extending products' lifetime

- Display simple information on product reparability (+ EU)
- Extend the legal guarantee of conformity (FR / EU), and facilitate the submission of consumer complaints about the legal guarantee of conformity and strengthen controls
- Extend the obligations of manufacturers and distributors in terms of information on the availability of spare parts (+ EU)

Key measures

8

## Citizens and Consumers

Consume in a more sustainable way, by increasing the sorting and its quality

- Simplify and harmonize waste sorting instructions
- Deploy in voluntary municipalities "social deposit schemes"
- Improve the pictogram device known as "Triman" and information on the applicable sorting instruction



Key measures

9

## Municipalities

Recycle and recover more waste

- Facilitate the deployment of pay as you throw schemes
- Adapt the landfill tax to drive waste recovery cheaper than disposal
- Ensure the respect of the rules by simplifying the waste policy enforcement

Key measures

10

## Businesses and Professionals

Integrate eco-design, incorporation of recycled materials, re-use and repair into habits

- Make the eco-modulation of EPR fees really incentive and extend
- Deploy the environmental labelling of products and services in the five pilot sectors and extend this voluntary scheme to other sectors
- Promote voluntary commitments including quantitative targets for the incorporation of recycled material
- Set reuse and repair targets to EPR schemes
- Develop the ADEME program "SME winners every time"

Key measures

11

## Businesses and Professionals

Modernize the EPR schemes and set new ambitions

Rely on new EPR schemes to involve all stakeholders:

- Create new EPR schemes in the following sectors:
  - Toys
  - Sports and leisure equipment
  - DIY and gardening equipment
- Encourage voluntary commitments or, failing that, investigate the deployment of an EPR scheme, particularly in the cigarette sector

Key measures

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**Roadmap Circular for the Economy**

## Businesses and Professionals

**Strengthen sorting, reuse and collection of construction and demolition waste**

- Review the national mandatory collection scheme for C&D waste in order to allow this waste to be collected free of charge
- Conduct an in-depth review of the regulatory procedure for "pre-demolition waste assessment"
- Develop technical guidelines for reused materials

**Key measures**

13

**Roadmap Circular for the Economy**

## The State and Public authorities

**Make public procurement a driver for deploying the circular economy**

- Encourage administrations to give assets, that are in good condition, which they no longer use
- Integrate circular economy into public procurement strategies
- Develop specific monitoring of the waste produced by the State services and their catering services
- Develop via the UGAP new purchase offers such as second-hand products or services related to the product-services systems

**Key measures**

14

**Roadmap Circular for the Economy**

## Monitoring indicators

**10 key indicators for monitoring the transition to the circular economy**

- > Domestic Material Consumption per capita
- > Resource productivity
- > Landfill
- > Food waste
- > Use of recycled raw materials in production processes
- > Number of industrial and territorial ecology projects
- > Ecolabel holders
- > Household spending on product repair and maintenance
- > Car-sharing
- > Employment

[http://www.statistiques.developpement-durable.gouv.fr/fileadmin/documents/Produits\\_editoriaux/Publications/Datalab/2017/datalab-18-economie-circulaire-Edition-2017-anglais.pdf](http://www.statistiques.developpement-durable.gouv.fr/fileadmin/documents/Produits_editoriaux/Publications/Datalab/2017/datalab-18-economie-circulaire-Edition-2017-anglais.pdf)

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**Roadmap Circular for the Economy**

## Next steps?

**Continuing work in the form of working groups:**

- Launch between May and July, strong stakeholder involvement

**Deployment of the roadmap within the territories**

- 2019

**Voluntary commitments**

- July 2018: 55 companies commit to integrate 275 000 more tonnes of recycled plastics into their products until 2025

**Legislative measures (the "circular economy law")**

- Through the legislative Act transposing the new European Waste Framework Directive (beginning of 2019)

**Regulatory measures**

- From July 2018 and continuation after the adoption of the "circular economy law"

**#entronsdanslaboucle**

16

**Roadmap Circular for the Economy**

Let's be in the loop, let's change model

**#entronsdanslaboucle**

17

Links:

<https://www.ecologique-solidaire.gouv.fr/sites/default/files/FREC%20anglais.pdf>

[http://www.statistiques.developpement-durable.gouv.fr/fileadmin/documents/Produits\\_editoriaux/Publications/Datalab/2017/datalab-18-economie-circulaire-Edition-2017-anglais.pdf](http://www.statistiques.developpement-durable.gouv.fr/fileadmin/documents/Produits_editoriaux/Publications/Datalab/2017/datalab-18-economie-circulaire-Edition-2017-anglais.pdf)

# Roadmap towards the Circular Economy in Slovenia

Mme Janja Kreitmayer, Ministry for the Environment and Spatial Planning

**Roadmap Towards the Circular Economy in Slovenia**  
Paving the Process

Janja Kreitmayer Molnar, Secretary  
EU Coordination and International Affairs Office  
Ministry of the Environment and Spatial Planning

EEA webinar on recently adopted national roadmaps or strategies for the circular economy - 13 Dec 2018

I FEEL LOVE  
zeleno gospodarstvo  
circular economy  
Partnership for Green Economy  
CONNECTED FOR GROWTH

1

\*

**Setting the scene**

**2014 Preparation of Framework Program for Transition to a Green Economy**  
Program adopted by the Government of the Republic of Slovenia, October 2015

Transition to a Green Economy in Slovenia  
SUMMERY

[http://www.vlada.si/fileadmin/dokumenti/si/projekti/2015/zeleno/Transition\\_to\\_a\\_Green\\_Economy\\_in\\_Slovenia.pdf](http://www.vlada.si/fileadmin/dokumenti/si/projekti/2015/zeleno/Transition_to_a_Green_Economy_in_Slovenia.pdf)

2

**Transition to a Green and Circular Economy**  
= PROCESS! Challenge Opportunity Necessity

- > Change of thinking
- > Change of consumption and production patterns
- > Change of operation models

**Framework Program for the Transition to a Green Economy:**

1. Decision for a common goal
2. Framework for starting the process

COMMUNICATION STRATEGY

3

\*

**Four Pillars of the Framework Program**

Partnership for a green economy

LOW POLICIES, STEER MEASURES TOWARDS GREEN economic solutions for green growth	STRUCTURED DIALOGUE (finding solutions, establishing partnerships, awareness-raising)	EDUCATION AND TRAINING (raising competences)	EXAMPLES OF BEST PRACTICES (inspiring solutions, enhancing links)
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Circular models as a priority

4

\*

**Framework Program for Transition to a Green Economy**  
Areas of action

1. Sustainable management of resources: Water, Waste as a resource, Spatial qualities as potential, Protected natural areas, Forests, Wood
2. Greening of the economy
3. New green jobs (education and skills development)
4. Green public procurement, stimulating the demand for Green products and services,
5. Green budget reform
6. Sustainable urban development: construction, mobility, energy
7. Public sector as a role model
8. Training and education for a green economy
9. Green farming practices
10. Supporting e-activities: e-Space: e-Waters: e-Environment.

**Framework Program for Transition to a Green Economy**

**PARTNERSHIP FOR A GREEN ECONOMY Leadership!**

INTERSECTORAL GROUP - core ministries:  
Environment, Economy, Agriculture, Infrastructure, Development, Finance, Foreign affairs, Public administration

decision level (state secretaries + 1-2 assigned experts)  
[http://www.vlada.si/fileadmin/dokumenti/si/projekti/2016/zeleno/Transition\\_to\\_a\\_Green\\_Economy\\_in\\_Slovenia.pdf](http://www.vlada.si/fileadmin/dokumenti/si/projekti/2016/zeleno/Transition_to_a_Green_Economy_in_Slovenia.pdf)





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### Circular economy as a part of strategic development

- > Development Strategy of Slovenia: inclusion of circular economy
- > Smart specialization – Strategic Development Innovation Partnerships (Circular Economy, Smart Cities) – Action Plan for Value Chains (2017-2020)
- > Transnational cooperation projects (Circular economy with focus on finding bottlenecks and potentials for closing the loops)
- > Urban Agenda of the European Union: Partnership for Circular Economy

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### Launching the beginning of Roadmap project

September 2017

## ROADMAP

towards the circular economy in SLOVENIA

CO-CREATING THE ROADMAP: September 2017 – April 2018

- 12 REGIONAL WORKSHOPS
- MEETINGS WITH KEY STAKEHOLDERS
- 3.000 STAKEHOLDERS ENGAGED
- 100 CIRCULAR PRACTICES LISTED FROM ALL OVER SLOVENIA

Communication support on websites, social networks, Partnership for Green Economy and Circular Change.

Consortium of experts

## ROADMAP towards the circular economy in SLOVENIA

### Goals

1. To recognise, identify, and assess regional and local potentials of Slovenia for transition to a circular economy;
2. To include the widest set of stakeholders in the process of identification of Slovenia's potentials;
3. To prepare guidelines and recommendations for Slovenia's transition to a circular economy for the Government of the Republic of Slovenia .

I FEEL SLOVENIA  
Slovenian Citizens' Forum

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## ROADMAP towards the circular economy in SLOVENIA

### Circular Triangle – the three corners of the Roadmap

- **Change of social values** (reflection on values and new narrative)
- **Transformation of business models** (from linear to circular)
- **Systemic transition from linear to circular economy** (comprehensive policies to support the transition)

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## FOUR PRIORITY FIELDS FOR SLOVENIA

**FOOD SYSTEM**  
**FOREST-BASED VALUE CHAINS**  
**MANUFACTURING INDUSTRY**  
**MOBILITY**

Highlight best practices in each field and link them to circular business models.

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## FOOD SYSTEM

Includes: All stages of production, processing, transport, sale, consumption of food, and the collection and treatment of waste organic matter + ties in with sustainable tourism.

**Why this priority?:** The challenge we are faced with is how to manage the food system within the planetary boundaries. Bearing in mind that already 60% of land is degraded or is not managed sustainably

➔

**Prospects Identified:**

- The promotion of self-sufficiency
- The zero mile offer (restaurants and at public events) - Urban gardens;
- Ecological and sustainable agriculture;
- Concern for the conservation of soil and water quality;
- Revitalisation of degraded land;
- Bio-based economy

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## FOREST-BASED VALUE CHAINS

Including the forest as a comprehensive ecosystem that needs to be managed as a whole: all stages of preservation, production, processing, transport, sale of wood, waste wood treatment, wood products, and more widely also the field of nanotechnology, tourism, construction (including high-rise buildings).

**Why this priority:** Slovenia is one of the most wooded countries in the world. With 60% of the area covered with forests, it ranks in the fourth place in Europe

➔

**Prospects Identified:**

- Wooden construction
- Buildings as material banks
- The revival of the furniture industry
- Reuse of timber and fixing of wood products
- Inclusion in green procurement in the field of wood
- Connections with the paper industry
- Cascading use of woody
- Wood as an energy product -
- Innovative water treatment plants;
- Wood-to-fuel processing

## MANUFACTURING INDUSTRY

Including: Industrial enterprises that convert raw materials into products, semi -finished products and companies operating within their supply chains.

**Why this priority?:** The manufacturing industry is one of the main and most export -oriented sectors in the country.

➔

**Prospects Identified:**

- Eco design
- Industrial symbiosis -
- The use of secondary sources
- The transition to RES (renewable energy sources)
- Innovative materials
- Limiting the use of rare materials
- Fair sourcing in supply chains
- Reducing the use of plastics (and its replacement) and reducing the use of hazardous chemicals -

## MOBILITY

Including: All systems that relate to the movement of people and freight: different modes of transport, ranging from public to private, infrastructure, mobility -related habits, etc. The Roadmap puts an emphasis on the mobility of people.

Why this priority?: Mobility is also one of the essential social functions and a field which, due to the specificity of Slovenia (dispersed settlement), presents one of the key challenges for the transition to a circular economy.

➔

**Prospects Identified:**

- Eco-mobility ;
- Electrification of transport
- Sharing of electric vehicles -
- Bio-gas as an alternative fuel (also for goods transport.)
- Other alternative fuels
- Public transport services
- The integration of towns and cities and rural areas;
- Car sharing
- Promoting cycling

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## 4 Priority Fields for Slovenia:



**Roadmap as a "living system"**  
(upgrades, updates, and adaptation over time)

More importantly than the document itself, it is a process:

- Integration of the stakeholders
- existing good practices, initiatives,
- obstacles

that are detected in the transition to a circular economy.



[Roadmap PDF](#)

➔

**OFFICIAL LAUNCHING OF THE ROAD MAP**  
Circular Change Conference, Maribor, May 2018

Recommendations to the government as a starting point and the base for the Action Plan for the transition to the circular economy of Slovenia.



[www.circularchange.com](http://www.circularchange.com)

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## Key messages




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## Thank you!

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Partnership for a Green Economy: [EUROPEAN COMMISSION](#)  
 FR: Partenariat pour une économie verte: [COMMISSION EUROPÉENNE](#)



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Link:

[http://www.mop.gov.si/fileadmin/mop.gov.si/pageuploads/medijsko\\_sredisce/2018/05\\_Maj/04\\_SJ\\_Kazipot/18\\_05\\_04\\_SJ\\_Kazipot\\_EN.pdf](http://www.mop.gov.si/fileadmin/mop.gov.si/pageuploads/medijsko_sredisce/2018/05_Maj/04_SJ_Kazipot/18_05_04_SJ_Kazipot_EN.pdf)