



This project is co-funded by the European Union and the Republic of Turkey

Technical Assistance for Assessment of Türkiye's Potential on Transition to Circular Economy EuropeAid/140562/IH/SER/TR

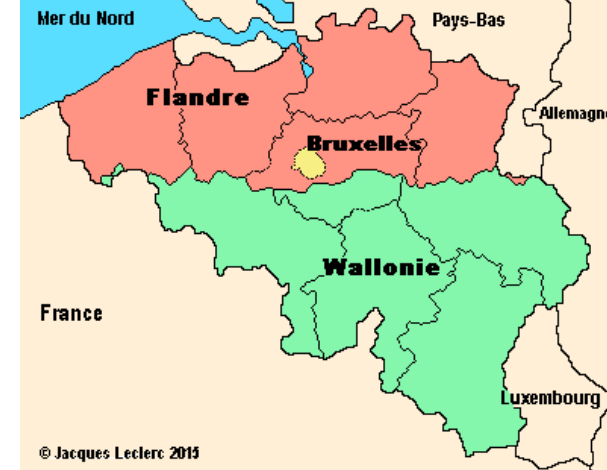
Let's Make the Economy Work by Developing the Circular Economy in Belgium

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Activity 1.2.2 - Circular Economy Workshops
5 th of October 2022, Ankara, Türkiye



Belgian Circular Economy governance



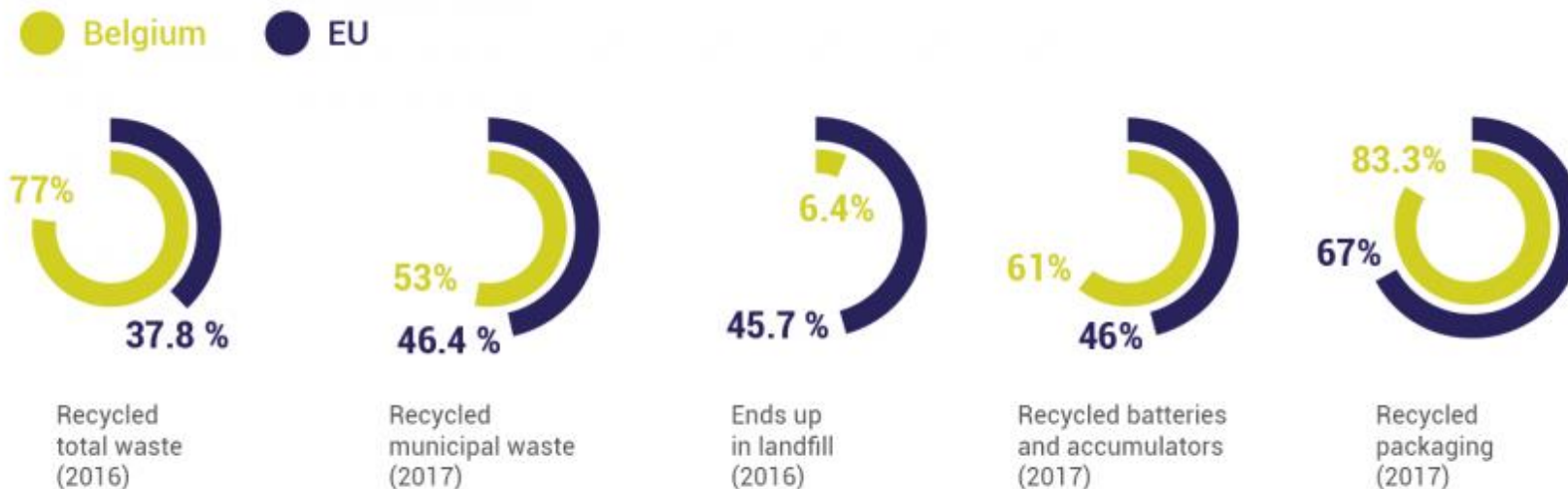
- Federal:
 - Competence of FPS Economy + FPS Health (but others involved!)
 - Federal Institute for Sustainable Development
 - Federal Council for Sustainable Development
- Regions:
 - ▶ Hub.Brussels ▶ Vlaanderen Circulair ▶ Circular Wallonia
- Interministerial Conference for Environment
- Coordination Committee for International Environment Policies
- Intra-BE Platform for CE



Circular Economy policies in Belgium

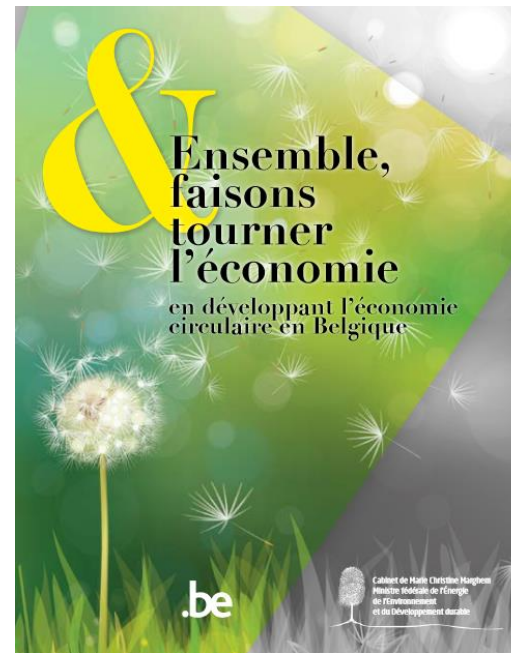
► Federal:

- 2014: Towards a Belgium, pioneer of the circular economy
- 2016: Federal Roadmap "Together let's turn the economy by developing the circular economy in Belgium"
- 2021: Federal Circular Economy Action Plan 2021-2024
- 2022: Belgium Builds Back Circular



Some example measures:

- Recycled content
- Incentives in GPP
- Planned obsolescence
- reparability criteria
- Information to consumer
- principles of green chemistry
- decontamination techniques
- substitution of chemicals of concern
- setting up a knowledge centre in sustainable economics



MESURES		
Soutenir le développement de modèles économiques innovants via une conception intelligente des produits	1	En lançant un appel à partenariat avec des entreprises pour augmenter le taux de récupération des composants via une mise en œuvre des principes de l' économie de la fonctionnalité (décodeurs, imprimantes, ...)
Encadrer la mise sur le marché des produits émetteurs de microplastiques primaires	2	En développant une stratégie pour réduire la dispersion des microplastiques primaires dans l'environnement
Soutenir la demande en plastique recyclé	3	En élaborant des critères pour l' allégation de « contenu recyclé » (« recycled content ») en plastique.
	4	En intégrant un taux de contenu en plastique recyclé dans les évaluations des marchés publics
Renforcer l'exemplarité de l'État	5	En réalisant une étude sur l'intérêt de la modification de l'Article 117 de la Loi du 22/05/2003 sur l' organisation du budget et de la comptabilité fédérale
	6	En informant sur les potentialités de l'économie circulaire dans les marchés publics
Améliorer le contrôle des allégations environnementales trompeuses et éviter leur apparition	7	En simplifiant les procédures d'appréciation des allégations environnementales trompeuses
Simplifier l'accès à l'information sur les performances des produits	8	En développant une plate-forme d'information grand public concernant les appareils de chauffage
Protéger le consommateur via une meilleure application des garanties	9	En allongeant la période de la présomption de non-conformité dans les garanties légales
Encadrer l'obsolescence des produits	10	En créant un point de contact sur l'obsolescence dite programmée
	11	En élaborant des recommandations pour lutter contre l'obsolescence programmée
Soutenir la réparation des produits	12	En définissant des critères de réparabilité
	13	En développant une stratégie pour une information des consommateurs sur la réparabilité
Définir des critères de recyclabilité	14	En étudiant et fixant des critères de recyclabilité : 3R (valorisation énergétique, réutilisation, recyclage)
Mettre en place une veille stratégique dans les centres de recyclage	15	En développant un partenariat avec les recycleurs pour identifier les obstacles techniques et économiques au recyclage
Promouvoir le recyclage sain	16	En collaborant au Green Deal « North Sea Resources Roundabout »
	17	En soutenant l'intégration des principes de la chimie verte
	18	En soutenant les techniques de décontamination
	19	En informant sur la substitution des substances chimiques préoccupantes
Soutenir et informer les entreprises	20	En mettant en place un centre de connaissance en économie durable
Évaluer les performances	21	En développant des indicateurs (macro-économiques)

Federal circular economy action plan 2021-2024

- **Goal: Make the transition towards a CE**
 - ▶ Help SME's
 - ▶ Promote circular **products and services**
 - ▶ Encourage circularity in **production**
 - ▶ Support the **consumer and procuring** services
 - ▶ Provide the necessary **incentives and tools**
 - ▶ Support the **employees**
 - ▶ Evaluate the **progress**
- Governance (inter-federal and intra-BE)
- Belgium Builds Back Circular
- **25 measures** ranging FPS Health, Economy, Work, Finance, Policy&Support
(6 additional measures in oct 2022: + FPS Mobility)

- 1) **A subsidy program for pilot projects on ecodesign of products** and replacement of toxic chemicals by non toxic alternatives
- 2) Introduction of an **obligation to provide a repair score for several household appliances**, based on availability of repair manuals, spare parts, price of spare parts, easiness to dismantle
- 3) Introduction of an **obligation to provide information on how long software-updates will be provided** for smartphones and laptops
- 4) Introduction of a **ban on specific single use products and packaging** that can easily be avoided or replaced by re-useable alternatives
- 5) Introduction of a **certification scheme for recycled content**
- 6) Explore the necessity of a **new legal framework for product as a service** or other circular production of consumption models
- 7) **Communication campaign on the life cycle cost of products**
- 8) Place the **burden of proof on producers when respecting a minimum warranty period**
- 9) Screening of **public procurement schemes on circularity**
- 10) Investigate **fiscal measures to support circular economy**

BBBC objectives and target audience

(Belgium Builds Back Circular)

▶ **Goals:**

- ▶ **Guide SME's towards CE innovation**
- ▶ **Support for projects (€25 million budget) for the period 2022-2026**
- ▶ **Minimum two calls for projects (June 2022 and early 2023)**
- ▶ **Ecodesign to increase the circularity of products and services**
- ▶ **Substitution of chemical substances**

▶ **Target audience**

- ▶ **Companies** (mainly SME's)
- ▶ **Research centers**
- ▶ **Consortia** of enterprises/research centers/investors/other stakeholders (e.g NGO's)

▶ **Funding: Next Generation EU (Recovery funds) + federal funds**

BBBC FIRST CALL: FOUR AREAS



e-bike

Extend bike/ battery life
Repairability
Reuse components
Standardisation of spare parts
Product as a Service



Health care

Design of new applications or redesign of existing applications of medical goods and/or services



Wind power

Repair, renovation, remanufacturing
Ecodesign for new wind farm
Circularity when repowering of existing wind farm



Biomimicry

Design and production of "circular" products/services based on solutions inspired by nature



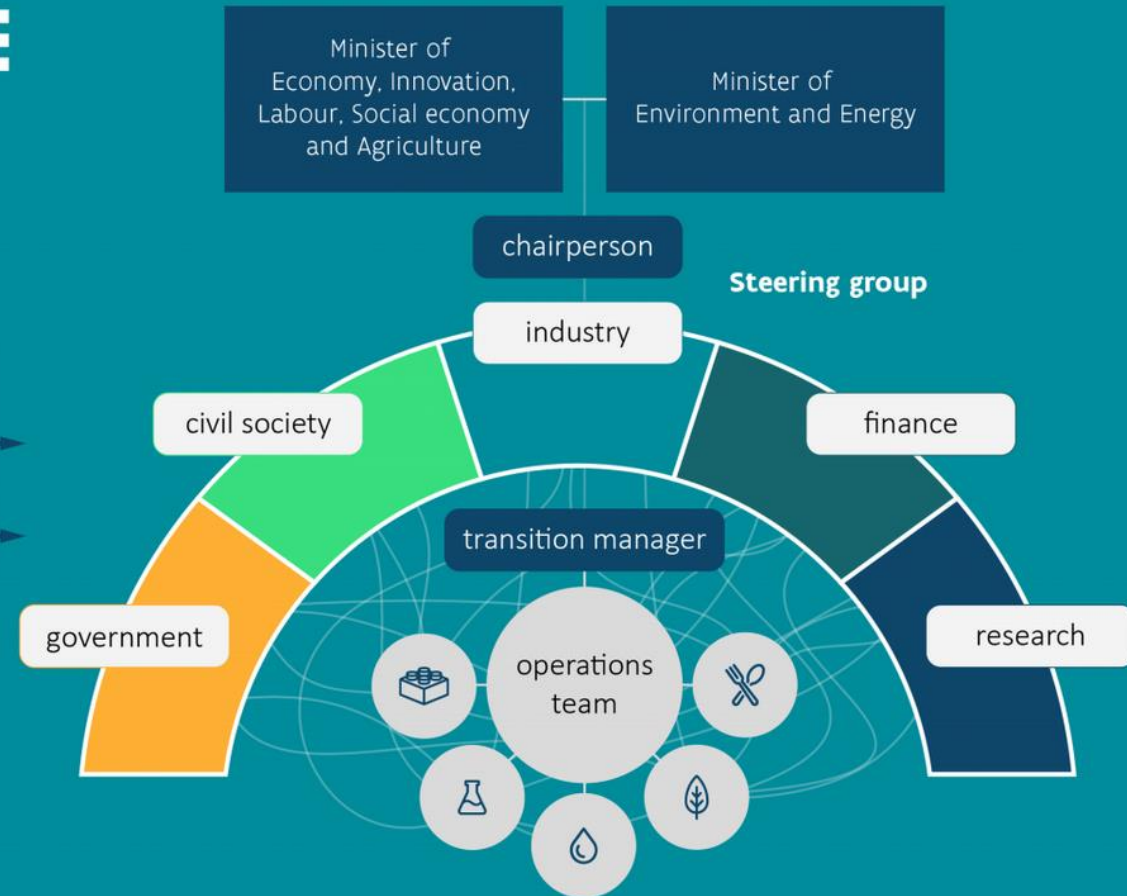
VISION 2050

A LONG-TERM STRATEGY FOR FLANDERS



GOVERNANCE CIRCULAR FLANDERS

-  Federal collaboration Intra-Belgian Platform Circular Economy
-  EU Green Deal & CE Action Plan



6 thematic agendas

Public-private collaborations with specific dynamics, targets, lead partners and actions



circular construction



chemistry & plastics



water loops



bioeconomy



food chain



manufacturing

7 strategic levers

Accelerators for overcoming barriers and spreading good practices

Policy and policy measures

Circular procurement

Communication

Research

Innovation & entrepreneurship

Financing

Jobs & skills

GOVERNMENT

Mark Andries
Flanders Innovation & Entrepreneurship VLAIO - CEO

Peter Cabus
Department o/t Environment
CEO

Henny De Baets
OVAM, Public Waste Agency of Flanders - CEO

Patricia De Clercq
Department of Agriculture and Fisheries - CEO

Bernard De Potter
Flanders Environment Agency
CEO

Johan Hanssens
Departement of Economy,
Science, Innovation - CEO

Raf Suys
Cabinet minister Crevits
Head of cabinet

Bob Van den Broeck
Cabinet minister Demir
Head of cabinet

INDUSTRY & BUSINESS

Filip De Jaeger
Fedustria
Deputy General Manager

Paul Demyttenaere
REO Auction
General Manager

Marc Dillen
Flemish Construction Confederation - General Manager

Nadia Lapage
Fevia
Secretary General
Vlaams Werkgeversplatform

Stany Vaes
Denuo
General Manager

Patrick Van Den Bossche
Agoria
Director

Ann Wurman
essenscia vlaanderen
CEO

LOCAL & CIVIL SOCIETY

Piet Coopman
VVSG
Head of service

Danny Jacobs
Bond Beter Leefmilieu
CEO

KNOWLEDGE

Dirk Fransaer
VITO
Managing Director

Karel Van Acker
KULeuven / CE Center
Professor / Coordinator

FINANCE

Anne-Mie Ooghe
Febelfin / BLV
Director Corporate Banking en
Secretary Generaal BLV



Paul De Bruycker
Chairman Circular Flanders

Brigitte Mouligneau
Circular Flanders
transition manager



**GREEN DEAL
CIRCULAR PROCUREMENT**

153 PARTICIPANTS
115 PROJECTS



**GREEN DEAL
CIRCULAR CONSTRUCTION**

320 PARTICIPANTS
+/- 200 PROJECTS (2023)



**OPEN CALL
CIRCULAR EXPERIMENTS**

188 SUPPORTED PROJECTS
16M EUROS INVESTED



**BOOTCAMPS &
ECODESIGN CHALLENGES**

**750 YOUNGSTERS
PARTICIPATED**



**GENERAL PUBLIC
OUTREACH**

750 CE CONVERSATIONS
1800 WORKSHOP PARTICIPANTS



**SERVICE
POINT**

110 CONSULTATIONS /Y
94 LECTURES/Y

Circular (City) Ports

GATEWAYS TO THE CIRCULAR
AND LOW-CARBON ECONOMY

Channeling collective impact
to make the transition in the
Delta: what will it take?



Why this focus on (city) ports?

We see five key assets that make ports key players in the transition



Unique location

in the natural delta, Europe and the world.



Connections

with other ports and urban economies



Logistics and infrastructure

present in high volume and density



Industrial activity

with clusters, technology, business and service innovation



Capital

both investment capacity and human capital

Beelen Recycling -
North Sea Port

[READ MORE](#)

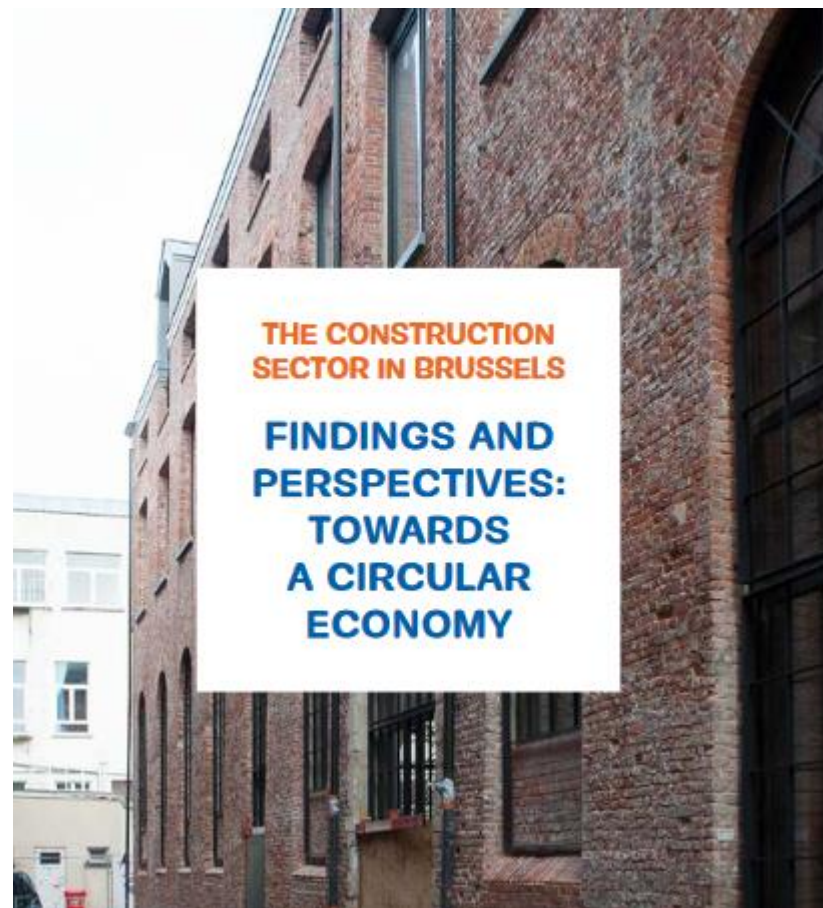


Matchmaking in
Antwerp port area:
successful steps
towards industrial
symbiosis

[READ MORE](#)



BRUSSELS CAPITAL REGION: Circular Economy Transition





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Thanks for your attention.



Türkiye Döngüsel Ekonomi

IPACevre



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@ipacevre



Türkiye Döngüsel Ekonomi

IPA Çevre/Environment TÜRKİYE



Türkiye Döngüsel Ekonomi

IPA Çevre

dongusel.csb.gov.tr

Additional auxiliary slides if needed

Exemplary measures

Repairability index and information about software compatibility

- Law/Royal Decrees → beginning of 2023
- Score on 10 to be shown with product
- 5 product categories
- 5 criteria:
 - Documentation
 - Ease of disassembly, materials, adhesives
 - Availability of spare parts
 - Price of spare parts
 - Product specific criteria
- Future: **longevity; forbid low scores** on the market



Ban on single use plastics and promotion of reusable alternatives



- Royal Decree of 9 December 2021 on single-use products and the promotion of reusable products (prohibits single-use plastic articles like straws, cups,...).
- A study on the impact of the SUP Directive on the sectors concerned in Belgium
(as soon as a container is used >5x, it always has a lower footprint)
- Based on the results of the study, we will publish a 2nd SUP Royal Decree to push reusables and prohibit other types of single-use plastic products (ex. food containers)

A legal framework for (new) circular services

A methodological guide for Products as a Service (PaaS)

- Analysis of the environmental impact (positive or negative) of new services
- Implement measures to improve their impact
- Create a “simple” methodological guide for PaaS (including chemical leasing)

Co-funded project CAMBIUM: CirculAr Material flows in BelgIUM

- develop a holistic framework and assessment on material flows and footprints
- identify the critical materials and resources for the Belgian economy