

INTERNATIONAL FORUM ON CIRCULAR ECONOMY – REUNION ISLAND

BRUSSELS REGIONAL PROGRAM IN CIRCULAR ECONOMY



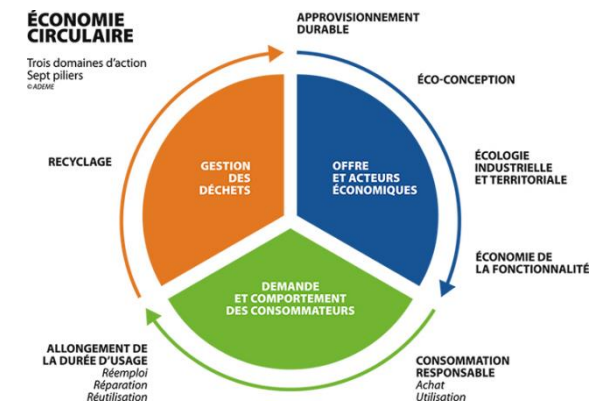
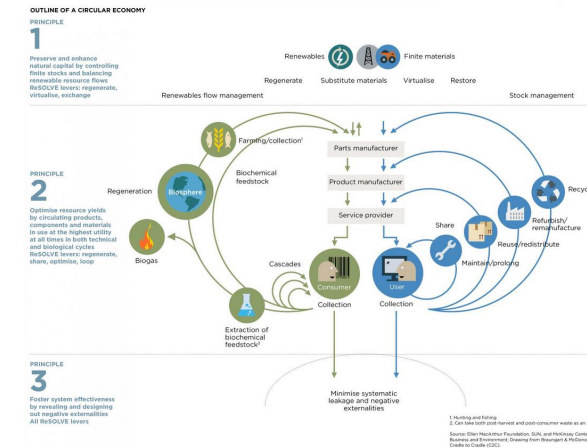
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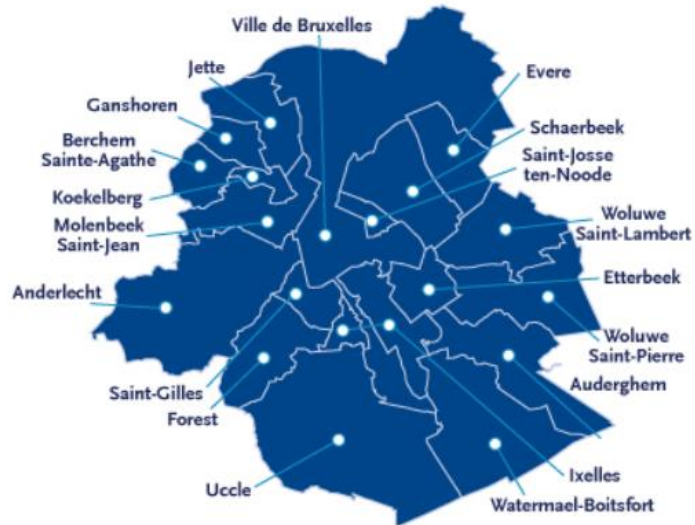
Brussels Regional Program in Circular Economy

- General Presentation
- Elaboration process
- Examples of actions launched in 2016
- First feedback and lessons learned



Brussels Region Overview

➔ Resources are available but needs skillful creative actors to exploit



Population : more than 1,1 M

Superficie : 160 km²

A region with lots of advantages but also challenges

Urban Region - Capital of European Union – Multi cultural



Impulse.brussels and circular economy



impulse.brussels 
never stop asking

**Dpt
Infos & Network**

 **1819.brussels** 
Le portail d'information pour entreprendre à Bruxelles

 **BAB** BUSINESS
APERU
BRUSSELS



**Dpt
Expertise &
Coordination**



Economic Coordination Council


Law & Finance Expertise



Permit (Urbanism, Environment)



Dpt Innovative Sectors


 **greentech.brussels** 
by impulse.brussels



 **screen.brussels** 
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 **NCP**
Brussels

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 **enterprise
europe
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Business Support on Four Doors

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General Presentation – Regional Program in Circular Economy

- **3 main objectives:**
 - Turn **environmental issues** into **economic opportunities**
 - Anchor the economy in Brussels through **ecosystem** approach
 - Contribute to **job and value creation**

- **12,8 Millions euros** in 2016

- **Coordination by 4 Brussels organisations :**

impulse.brussels, Bruxelles Environnement, Bruxelles-Propreté and Innoviris

PROGRAMME RÉGIONAL EN ECONOMIE CIRCULAIRE

2016 – 2020

Mobiliser les ressources et minimiser les richesses perdues :

Pour une économie régionale innovante



- Program supported by **two Ministers and a Secretary of State** gathering complementary competences : **Environment, Economy and Employment, Innovation and Public cleanliness**



General Presentation – Regional Program in Circular Economy

→ Action Program dedicated to enable the transition of Brussels Economy towards circular economy

Program adopted on march 10th 2016

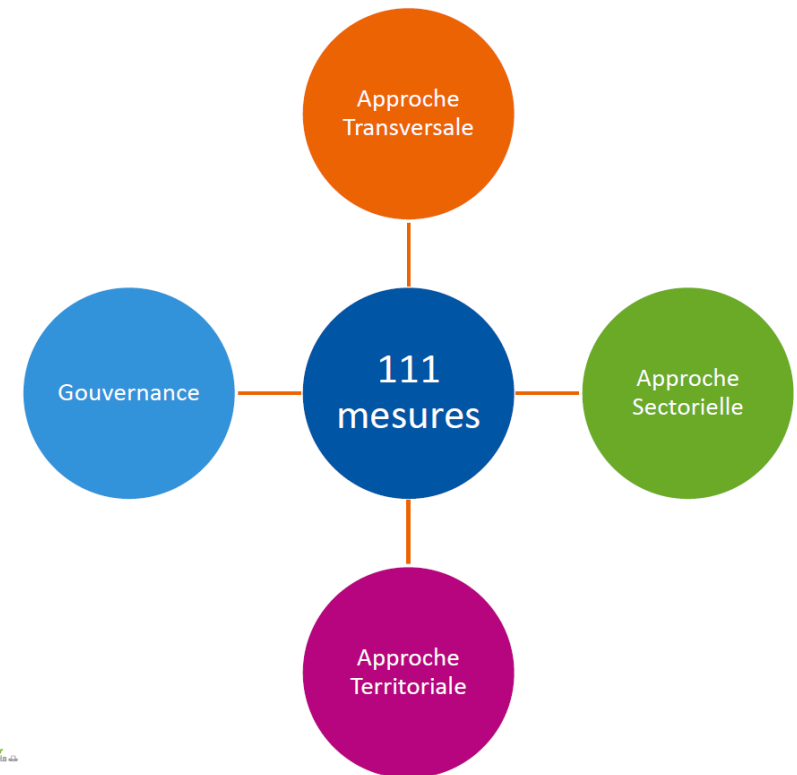
Co-elaboration in 2015 **mobilizing the different stakeholders**

Coordination with **other plans and programs** :

Environmental Plans (Air-Climate-Energie, Water, Waste, Good Food),
Research & Innovation Plan (PRI)

111 measures in 4 strategic axes :

- **Transversal** actions (Economic support, innovation, Regulations, Education, Employment)
- **Sector-specific** actions (Construction, Resources/waste, logistics trade (retail etc.), Food sector)
- **Territorial** actions (circular economy in area-level actions)
- **Governance** actions (defining governance mechanism, support actions, evaluation and amelioration)



Elaboration Process : Starting point

- **Intensive collaboration** between Brussels Environment and impulse.brussels with **high implication of minister's offices**

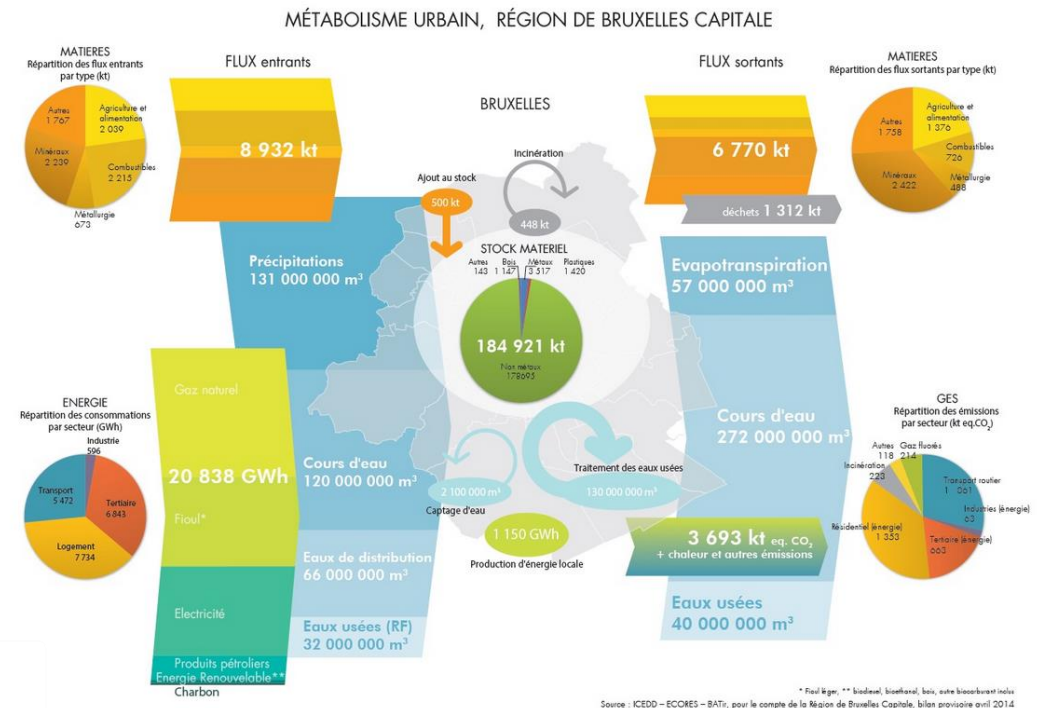
- **Starting point** : AEE and Metabolism study

- **Alliance Emploi-Environnement** :
4 years program on environment sectors to develop (construction, water, waste, and food)

➔ Evaluation gave relevant feedback to implement the Regional Program in Circular Economy

- **Metabolism study**

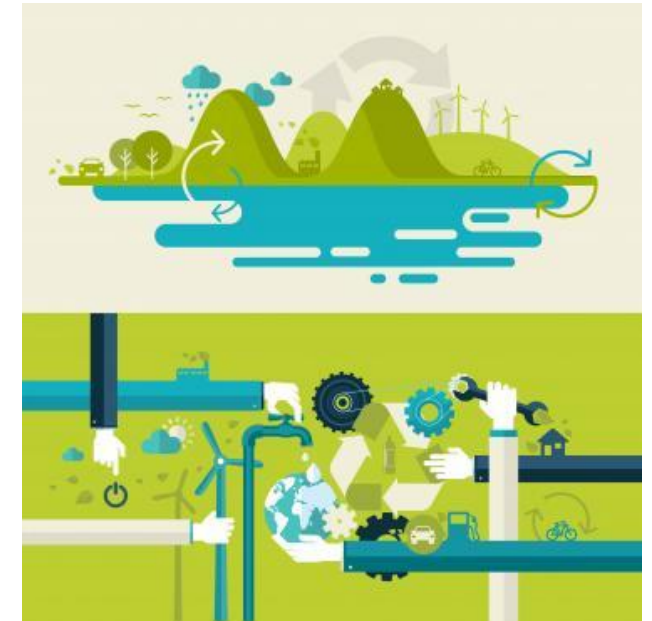
➔ better understanding of the different flows in Brussels Region



Elaboration Process : Stakeholders Mobilisation

- **May 2015 : International Conference on circular economy**
 - ➔ Visibility on actions and raising awareness of stakeholders
 - ➔ Introduction of the workshops
- **June 2015 : One-day work event**

Workshops with different stakeholders gathering information and expectations



Elaboration Process : Analysis and co-design

- July 2015 : Data Analysis and **design of strategic axes** to study
- July to September 2015 :
 - Analysis of **current situation**
 - Think about **vision**
 - Design **actions** ideas
 - Prepare **thematic workshops**
- September to October 2015 : organising thematic workshops
- October 2015 : write **first draft for regional program** to be studied and implemented by government
- November 2015 – march 2016 : **negotiation and implementation** of the regional program for circular economy

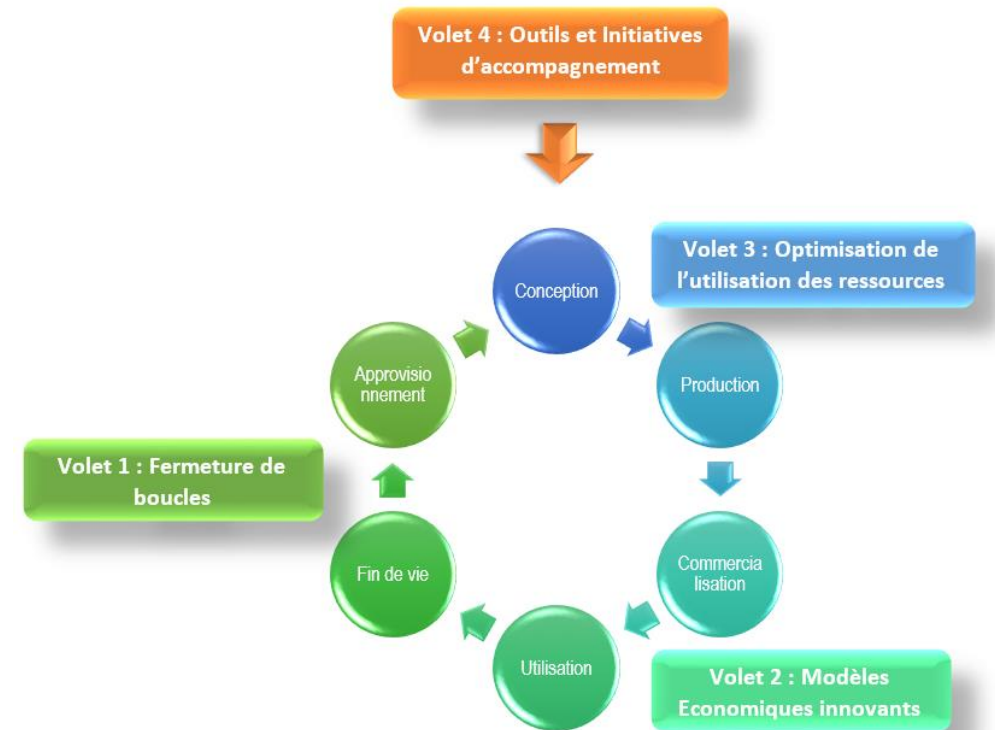
➔ **Program adopted in march 2016**

Regional Programs : some of the actions launched

- AED 1 : Appel à projets en économie circulaire
- AED 2 : Modification des aides à l'expansion économique et integration de l'économie circulaire
- AED 3 : Fonds dédié à l'EC mis en place par Finance.brussels
- AED 5 : Bourse Economie Circulaire par Village Finance
- AEI1 : Plateforme de coordination de l'accompagnement
- INNOV4 : Dynamisation de l'innovation en économie circulaire Cluster

AED1 – Call for projects « Be circular. Be Brussels »

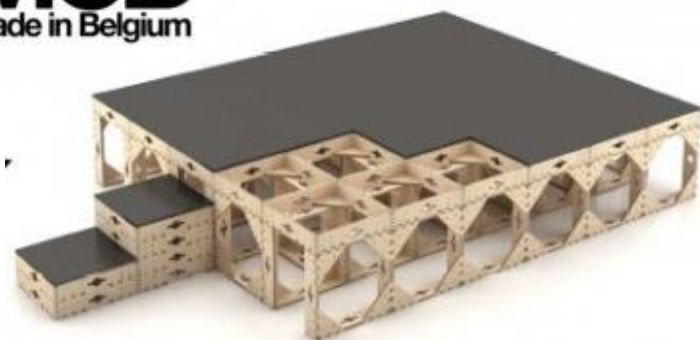
- Call for projects from both Minister of Environment and Minister of Economy **1 Million euros**
- Support innovative projects showing the feasibility of circular economy
- Direct support up to 80 000 euros
- 4 complementary projects
- First feedback :
85 projects
4 millions subsidies asked
12 millions total projects



www.circularprojects.brussels

INNOV4 – Dynamisation de l'innovation en économie circulaire au travers du Cluster

- Mise en place du Cluster en mode lean
- Facilitation de projets multi-acteurs
- Accompagnement individuel et collectif
- Networking



First feedback and lessons learned

- **Stakeholders mobilisation** is really important
- Underestimation of **coordination tasks...**
- **Explanation** and sensibilisation of circular economy is key!

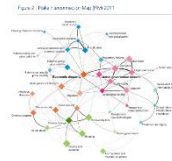
Eliminate Concept of Waste



Create Value



System thinking



→ A shift of economic paradigm

- Be confident and passionate! You are **part of a global transition** towards circular economy.

OUTLINE OF A CIRCULAR ECONOMY

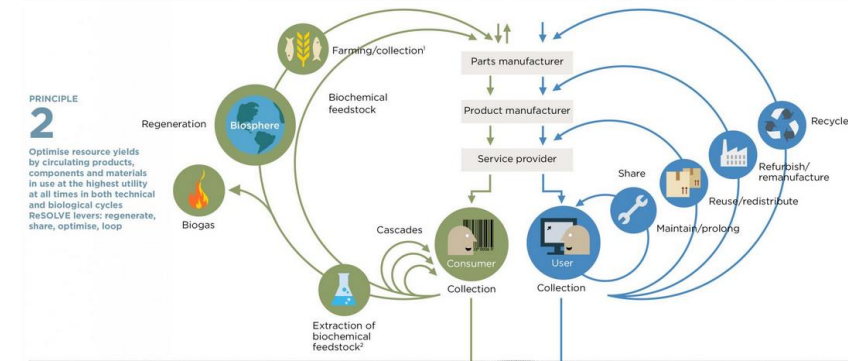
PRINCIPLE 1

1
Preserve and enhance natural capital by controlling finite stocks and balancing renewable resource flows
ReSOLVE levers: regenerate, virtualise, exchange



PRINCIPLE 2

2
Optimise resource yields by circulating products, components and materials in use at the highest utility at all times in both technical and biological cycles
ReSOLVE levers: regenerate, share, optimise, loop



PRINCIPLE 3

3
Foster system effectiveness by revealing and designing out negative externalities
All ReSOLVE levers



1. Hunting and fishing
2. Can take both post-harvest and post-consumer waste as an input
Source: Ellen MacArthur Foundation, S&P, and McKinsey Center for Business and Environment; Drawing from Braungart & McDonough, Cradle to Cradle (C2C).

Thanks for your attention !

Questions ?



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