

Climate Pact 2.0

Mainstreaming circular economy at the municipal level in Luxembourg

eea club event, 16 March 2021

Fenn Faber

Deputy director, myenergy



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Environnement, du Climat
et du Développement durable





Program

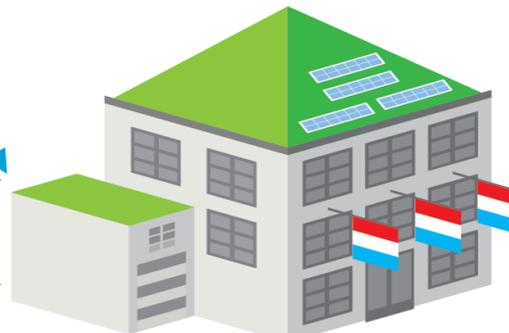
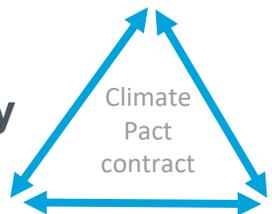
1. Introduction: general principles of the Climate Pact
2. Climate Pact 2.0
3. Integration of circular economy in the Climate Pact
4. Circular economy measures
5. Specialized Climate Pact advisors in circular economy
6. Thematic Climate Pact certification for circular economy
7. Circular procurement: development of a new tool
8. Best practise case: municipality of Wiltz
9. Conclusion



1. Introduction: General principles of the Climate Pact



LE GOUVERNEMENT
 DU GRAND-DUCHÉ DE LUXEMBOURG
 Ministère de l'Environnement, du Climat
 et du Développement durable



municipality / intermunicipal collaboration

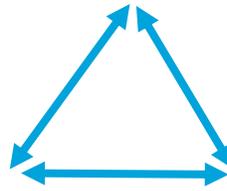


auditor

certification audit



climate advisor



climate team

Climate Pact partners:



IMS LUXEMBOURG
 Inspiring More Sustainability



Klima-Bündnis
 Lëtzebuerg

Technical facilitator:



Other involved stakeholders:

- Ministries and administrations
- Other national / regional initiatives

2. Climate Pact 2.0 (2021-2030)



■ Objectives

- Strengthening of the quantitative approach through centralized indicators
- Better working environment for municipalities (e.g., **thematic expansion, expansion and specialization of advisory services**)
- Supporting the commitment of municipalities through increased population and businesses engagement

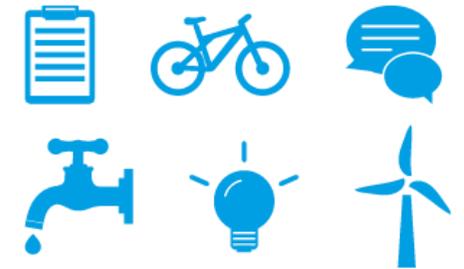
■ Certification categories

- 40%
- 50%
- 65% (new)
- 75%

■ Thematic certifications

- **Circular economy**
- Air quality
- Adaptation to climate change

■ Increased financial support



3. Integration of circular economy in the Climate Pact

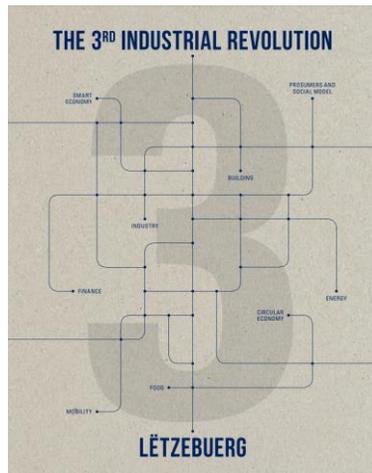
LUXEMBOURG AS A KNOWLEDGE CAPITAL AND TESTING GROUND FOR THE CIRCULAR ECONOMY

NATIONAL ROADMAP TO POSITIVE IMPACTS
 Tradition, Transition, Transformation



→ Additional measures for the circular economy

Circular Economy Strategy Luxembourg
 Strategie Kreeslafwirtschaft Lëtzebuerg



PacteClimat | EUROPEAN ENERGY AWARD
 Ma commune s'engage pour le climat

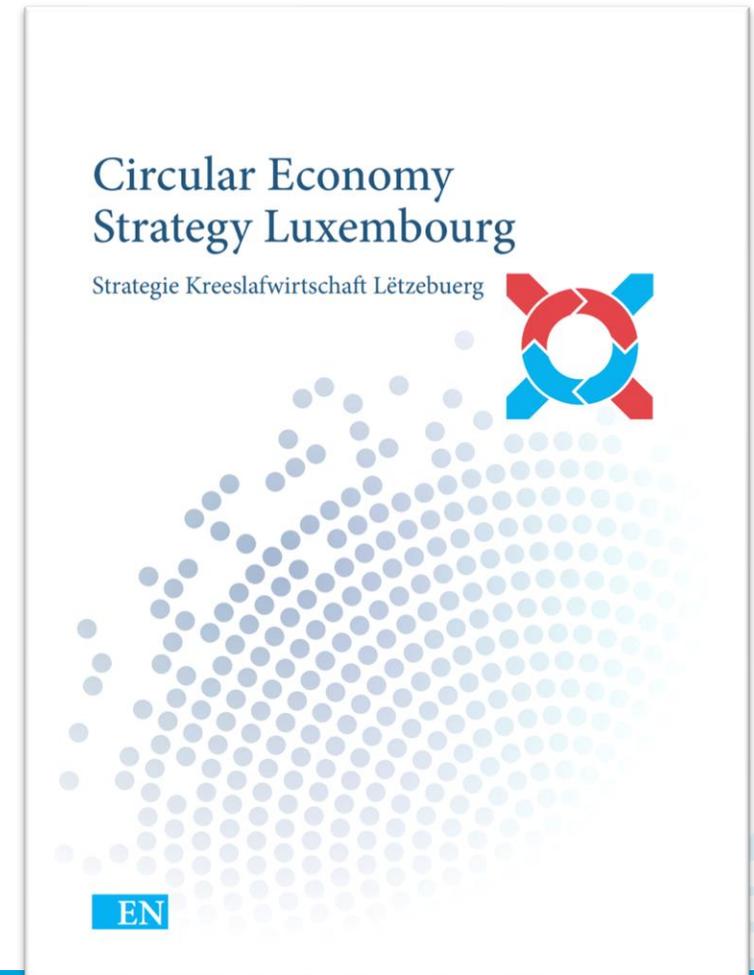
- Specialized advisors
- Thematic certification

PLAN NATIONAL INTÉGRÉ EN MATIÈRE D'ÉNERGIE ET DE CLIMAT
 DU LUXEMBOURG POUR LA PÉRIODE 2021-2030

3. Integration of circular economy in the Climate Pact: Circular Economy Strategy Luxembourg, 2021

“The Circular Economy (CE) is an economic model that preserves resources, generates overall positive impacts and increases the resilience of the system” (CSDD, 2021)

- Toolbox to accelerate the implementation of a circular economy at a national and regional level, by:
 - strategically involving and federating actors
 - connecting and prioritizing existing initiatives
 - developing roadmaps for demonstration projects
- Priority sectors: construction, education and training, finance, food and biomaterials, industry, retail
- Inter-ministerial collaboration (MEA, MECDD, MECO, FIN)
- International positioning



3. Integration of circular economy in the Climate Pact: Why?

participation and co-creation

recognizing the opportunities

strengthening engagement and collaboration

implementation assistance

« mainstreaming » the subject

accelerating the transition

contribution to national strategies and objectives

promote local and solidarity solutions

empowerment of municipalities

exchange of information, experiences and best practices



4. Circular economy measures in the Climate Pact

1. Municipal concepts and strategies

1.1.1 Climate, energy and resource strategy

1.1.2 Accounting

1.1.4 Resource management concept

1.3.1 Urban planning instruments

1.3.2 Innovative urban and rural development

2. Municipal buildings and facilities

2.1.1 Exemplary management and construction of public buildings

3. Supply and disposal

3.3.1 Water supply

3.5.1. Collection, recycling and recovery of waste and valuable waste materials

4. Mobility

4.2.1 Parking space management

5. Internal organization

5.1.1 Climate Pact governance

5.2.3 Continuing education

5.2.4 Procurement

6. Communication and cooperation

6.1.1 Communication and cooperation concept

6.1.2 Model effect, corporate identity

6.3.1 Cooperation with the private sector

6.3.2 New construction and renovation in private housing

6.5.2 Flagship project



5. Specialized Climate Pact advisors in circular economy

Missions

1. Strategic orientation in circular economy with the objective to facilitate the access to this topic at the municipal and regional level
2. Specific expertise in the implementation of the circular economy measures of the Climate Pact catalogue
3. Support for the initiation of projects, particularly in the context of the thematic CE certification

Tasks

- ✓ Providing access to the subject through information and awareness raising of decision-makers (governance)
- ✓ Motivator and facilitator for the formulation and achievement of objectives
- ✓ Support for the implementation of concrete measures and efforts already undertaken
- ✓ Advice on decision-making and assistance in finding solutions
- ✓ Communication and consistent involvement of citizens, companies and other local and regional stakeholders
- ✓ Interface with climate advisors

6. Thematic Climate Pact certification for circular economy

Criteria

1. Municipality is certified with 50 %, 65% or 75 %
2. Municipality achieves at least 65 % of the overall points related to the circular economy measures
3. Municipality has planned or realized an innovative project in relation to the subject of the circular economy



7. Circular procurement: development of a new tool

Circular Procurement Platform

- Start of project: **October 2020**
- Facilitate the **progressive** consideration of **circular principles** in public procurement processes
- **Collaborative governance approach** and strategic stakeholder involvement (e.g., municipalities as interview partners, pilot users and through feedback loops)
- **Support the circular transition** and assure **continuous progress** in the context of the Climate Pact 2.0



Project partner

8. Best practice case: municipality of Wiltz

Municipal "Circular Economy Hotspot" since 2015

- Fast but structured development guided by CE principles
- Various CE flagship projects, related to health and well-being, testing and training, economy and resources, urban planning and construction, energy and water, logistics and services



wiltz
Capitale des Ardennes



8. Best practice case: municipality of Wiltz

Mainstreaming circular economy at the municipal level in Luxembourg:

- First municipality in Luxembourg awarded with **thematic certification for CE**
- Wiltz as a **testing ground** for the implementation of CE principles at the local level
- Climate Pact as framework to **communicate** about new/ongoing projects and municipal achievements, to **exchange** information and experiences, and receive **support** for undertaken efforts



“Atelier Klimbim”



“Circular Innovation Hub”



“Wunne mat der Woltz”

9. Conclusion

The framework of the *European energy award* represented over the years a productive basis for the integration of new thematic impulses:

- ✓ Well-established quality management system based on bottom-up experiences
- ✓ Holistic approach and thematic interconnectedness of the catalogue
- ✓ Exchange at an international level and valorisation of innovative approaches

...with regard to the specificities of circular economy:

- ✓ Gradual integration of measures and criteria
- ✓ Linking circular economy aspects with existing measures
- ✓ The possibility to add national/regional complementary instruments (thematic certification, specific advisors, new measures...)



Thank you for your attention!

Fenn Faber, Deputy director, myenergy



PacteClimat

EUROPEAN
ENERGY
AWARD

Ma commune s'engage pour le climat



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Environnement, du Climat
et du Développement durable



myenergy
Luxembourg

An Zesummenaarbecht mat:



pacteclimat.lu