

CATEGORY: Sustainable Cities

Wiltz – Hotspot for circular economy in Luxembourg

BRIEF:

Develop a concept for a Sharing Centre in Wiltz.

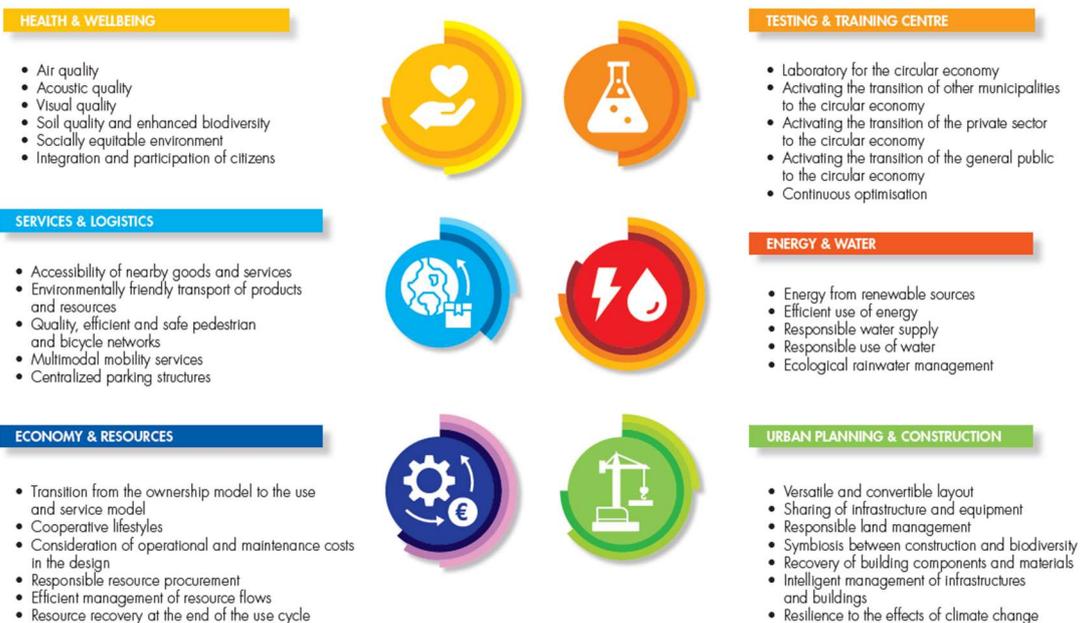
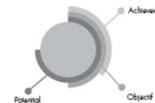
CONTEXT

The City of Wiltz counts approximately 7.600 inhabitants and is located in the green heart of the Ardennes Region, which lies in the North of the Grand Duchy of Luxembourg. Wiltz has been nominated “Regional Hotspot for Circular Economy” by the Ministry of Economy in 2015 and has initiated multiple pilot projects in this field since then. In 2017, Wiltz has signed a Charta that describes the political engagement of the municipality to strive with their projects towards a circular economy. In 2020, Wiltz has become the first municipality in the Climate Pact to be certified for its commitment to the circular economy.

CIRCULAR ECONOMY IN WILTZ – 6 PILLARS

For each project, the municipality applies the 6 following pillars of the circular economy. The objectives of each project are defined on this basis.

6 PILLARS OF THE CIRCULAR ECONOMY





SCOPE:

When talking about resource efficiency, the sharing economy is a significant lever to save resources.

Wiltz is seeking to implement a model of a “Sharing Centre”. The basic concept of such a Sharing Centre can be summarised as followed: it is an economical model that allows a group of people to use different types of objects when needed and to return them when not needed. With a view to implementing such a Sharing Centre in Wiltz, a detailed concept needs to be developed.

The objective is to find concrete answers, a business model and a framework that translate the idea of a “Sharing Centre” into an economically self-sufficient solution on the territory of Wiltz.

This includes answering the following questions:

- What infrastructure is needed? (Spatial, technological, logistical and legal)
- What type of products should be shared?
- What is the critical mass to make the model work?
- Who has access to the sharing centre and how?
- Should the rental be limited in time and if so how long should it be?
- How does the process of loaning and returning work?
- How are the maintenance, cleaning, repairing and handling of the products ensured?
- How to create the stock of products to get the sharing centre going?
- What would the business model look like to ensure economic efficiency? What would this business model entail for the users?

The scope of this brief is intentionally kept open to encourage a broad panel of proposed solutions.