



CAP CONSTRUCTION
ensemble, constructions durable



Wallonia Clusters

Intercluster Workshop

Sustainable Retrofitting of Buildings
in Urban Areas

May 2019

Program

INTRODUCTION

14H15 Opening Session

Cluster CAP Construction (BE) & Cluster Habitat Sustentável (PT)

14H30 Master Plan for Condominium Renovation

Université de Liège (S. Monfils)

14H45 Project BE reel ! (LIFE IP CA 2016)

Ville de Mouscron (M. Viane)

PANEL I – BUILDINGS RETROFITTING

15H00 Retrofitting in Portugal

Signinum (L. Aguiar)

15H15 Training centre - Historical Building Renovation

Paix-Dieu (I. Boxus)

15H30 Designing buildings retrofitting in Portugal

Sopsec SA (H. Sousa)

15h45 RenovActive – A comfortable and affordable renovation concept

VELUX (S. Pauquay)

16h00 Questions & answers

16h15 *Coffee Break - Networking*

Program (2)

PANEL II – SOLUTIONS FOR RETROFITTING

16H30	The role of glass - Fineo	<i>AGC (P. Carleer)</i>
16H45	Cork solutions for buildings retrofitting	<i>Amorim Isolamentos (C. M. Silva)</i>
17H00	Sustainable building and renovating with hempcrete blocks	<i>Isohemp (C. de Bellefroid)</i>
17H15	Mortar solutions for buildings retrofitting	<i>Saint-Gobain Weber (V. Pereira)</i>
17H30	<i>Closing Session & Networking Drink</i>	

The Cluster



Missions & objectives

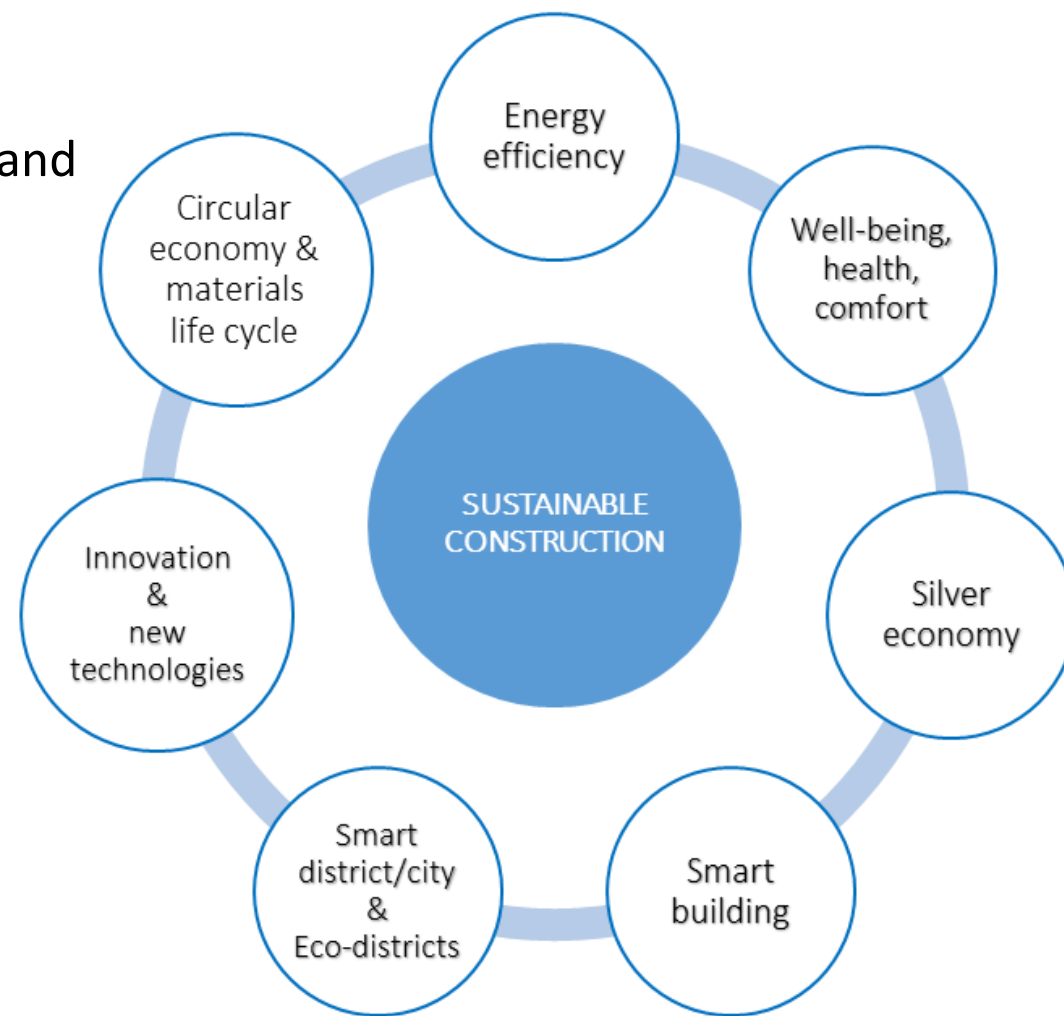
2 strategic axis

- ✓ Develop the competencies of his members
- ✓ Foster the emergence of projects and new collaborations

Actions

- Promotion of sustainable construction
- Studies and international projects
- Awareness-raising and information activities
- Networking sessions

7 priority themes



Retrofitting projects



Partners from 5 different countries in NWE will introduce and promote a governance arrangement that overcomes the legal, human and financial barriers to the energy retrofitting of condominiums.



CAP Construction manages the Belgian version of Construction21, a web platform dedicated to all professionals active in sustainable construction, and therefore coordinates the Green Solutions Awards, an international contest rewarding innovative projects.

Belliard 65, Brussels, BCR, Belgium

Major refurbishment, « Nearly Zero Energy Building » &
BREEAM Excellent standards

Construction manager: Archi 2000

Other stakeholders: Herpain Entreprise, MATRIciel SA, Pirnay
Engineering, B4F, Advisers, Venac, SPIE, ITB, Kone, Nizet



Intercluster

❖ Objective

To exchange experiences about building renovation (tertiary buildings, public buildings, condominiums, heritage buildings and others)

❖ Challenge

In 2017	Wallonia	Flanders	BCR	Belgium
Building stock	1,655,928	2,660,647	194,543	4,511,118
	36.7%	59.0%	4.3%	
Built before 1945	812,831	736,986	128,670	1,678,487
	49.1%	27.7%	66.1%	37.2%
Built after 1981	335,201	814,307	12,419	1,161,927
	20.2%	30.6%	6.4%	25.8%

Source: Isis Consult (2018)

❖ Results

Identify and foster potential collaborations between companies (European projects, ...)

Strengthen Portuguese and Walloon companies' technical capabilities, helping them on their respective local markets, and increasing their export capacities



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