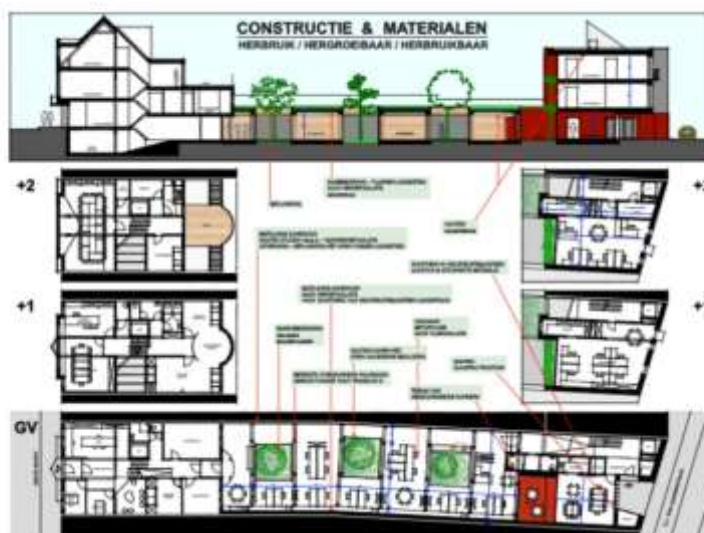


## Factsheet

# Zonnige Kempen: 40 renovations, 2 new construction apartments + 3 dwellings

The demonstration exemplar of Zonnige Kempen in Berlaar (located in Belgium) is called: Vinkenhof and showcases the potential of maximisation of re-use of materials as part of the phased deep renovation of 40 social dwellings built in the 1960s. The building structure will be upcycled as well as interior components. The materials collected in each renovation phase will be stored on site and upcycled in subsequent renovation phases.

By phasing the total renovation, input and advice from the other project partners can be given after each phase. The amount of recycled heavy and light material will be compared to the demolition project in Booischot (located in Belgium), that will occur in the same timeframe, giving clear insights in the amount of tons materials prevented from downcycling.



Grote Markt 39, Westerlo



With this demonstration exemplar, Zonnige Kempen creates a material exchange platform on site of a renovation project and implement phased circular renovation in procurement processes. The approach of the demonstration exemplar will give clear insights in the benefits of phased circular renovation and will provide a method that is easy applicable by other social housing organisations. Also, it will stimulate contractors, architects and other professional partners to make this common practise in a gentle pace.

The second demonstration exemplar is a service center for tenants and 2 apartments in Westerlo, with maximum reuse of materials. The third project is creating a material exchange platform in co-creation with social tenants (repair café, community work), facilitating site for temporary storage within social district in Herenthout. The demonstration exemplar of Zonnige Kempen will consist of 50% recycled materials and components, thus preventing 3.750 tonnes of raw material uses. Furthermore, 650 tonnes of the other materials and components are specifically designed to facilitate easy re-use after the coming life-span, leading to an increased material recovery of in total 4.400 tonnes.



## Facts

Social housing organisation	Zonnige Kempen
Project name	Vinkenhof
Location	Berlaar, Belgium
Circular Asset Management Strategy	1A (reuse of materials from demolition on-site) 1B (reuse of materials in new construction) 2B (design and construct for reuse after first use period in new construction)
Used principles	<a href="#">Seven pillars of circular construction</a> <a href="#">6 steps to circularity</a>

40 renovations (phased), 2 new construction apartments and 3 new construction dwellings in cooperation with: [Kamp C](#) and [Rotor](#).



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