

# BauKarussell

## Beschäftigung & Kreislaufwirtschaft

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### Project approach

*BauKarussell* is the first Austrian cooperation that addresses reuse in buildings at large scale. Together with property developers the consortium removes distinctive materials and products to make them available for new buildings. The operational work is performed by transit employees from social enterprises. These former unemployed people gain work, training and support to find their way back to the labour market. **Within three operational pilot objects BauKarussell has at least prevented 450.300 kg of waste. Furthermore, 77.000 kg of material was collected separately and handed over for recycling and 172.000 kg of impurities** that impede the recycling of construction and demolition waste were removed. The revenues and the cost savings have allowed the social enterprises to provide app. 8.800 working hours. Actual challenges are the acquisition of demolition objects and the developing of training materials.

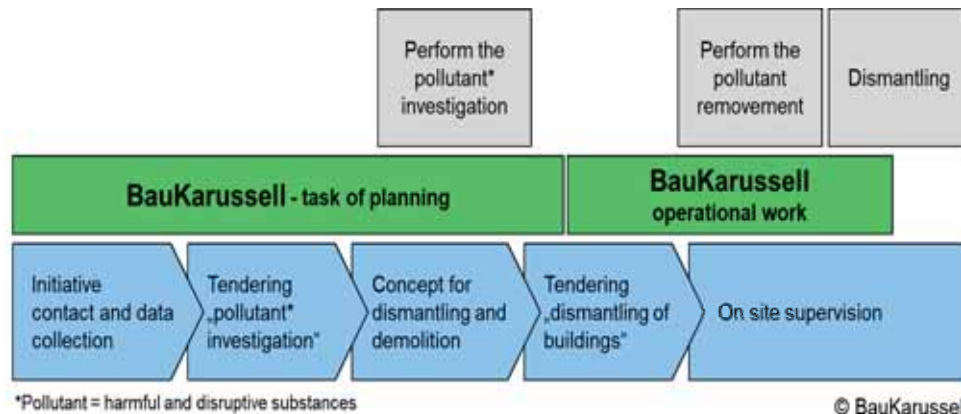


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**Fig.1 An den alten Schanzen 20, 1220 Vienna:** former commercial greenhouses were dismantled in summer 2018. On behalf of the owner, Wien Süd, BauKarussell was responsible for the dismantling and demolition. Still functional greenhouses had been offered to interested companies for reuse. Negotiations are ongoing.

### Integration of CE in the sector of dismantling and demolition

For the operational work, the consortium has defined a procedure to incorporate reuse and circular economy during the process of dismantling and demolition:



In the first step, basic data and information regarding the building area is collected. On this basis, the tender for the pollutant investigation is worked out. This functional tender allows to choose the best offer for the project developer. The results of the pollutant investigation provide the data to work out a proper concept for dismantling and demolition (as required in the Recycling and

Construction Material Regulation), including the aspect of reuse and potential for high quality material recycling. Afterwards, the search for customers for material with reuse potential starts. Focusing on reuse and high quality recycling reduces the costs for waste disposal. BauKarussell then prepares the tender for the dismantling and demolition. As for the first tender tasks and masses are defined in

detail to support an effective decision upon the best offer. In case distinctive materials are to be removed by BauKarussell, the tender also includes positions for minor costs. Parallel to the tendering process, BauKarussell starts operational work on behalf of the project developer. On site supervision secures that the operational work follows the requirements defined.

BauKarussell is a cooperative initiative of:

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RECYCLING-ZENTRUM

**pulswerk**  
Das Beratungsgeschäft der  
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In Zusammenarbeit mit der Initiative natürlich weniger Mist. Die Initiative „natürlich weniger Mist“ der Wiener Umweltstadträtin Ulli Sima forciert richtungweisende und beispielhafte Projekte und Aktivitäten, die zur Schonung wertvoller Ressourcen oder zu einer nachhaltigen Lebens- und Verhaltensweise beitragen.

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Co-funded by the  
Erasmus+ Programme  
of the European Union

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Wirtschaftsstandort