

**Recycling oriented dismantling
with a special focus on reuse**

BauKarussell

Beschäftigung & Kreislaufwirtschaft

DI Markus Meissner

Land OÖ,
Linz, 13.3.2019

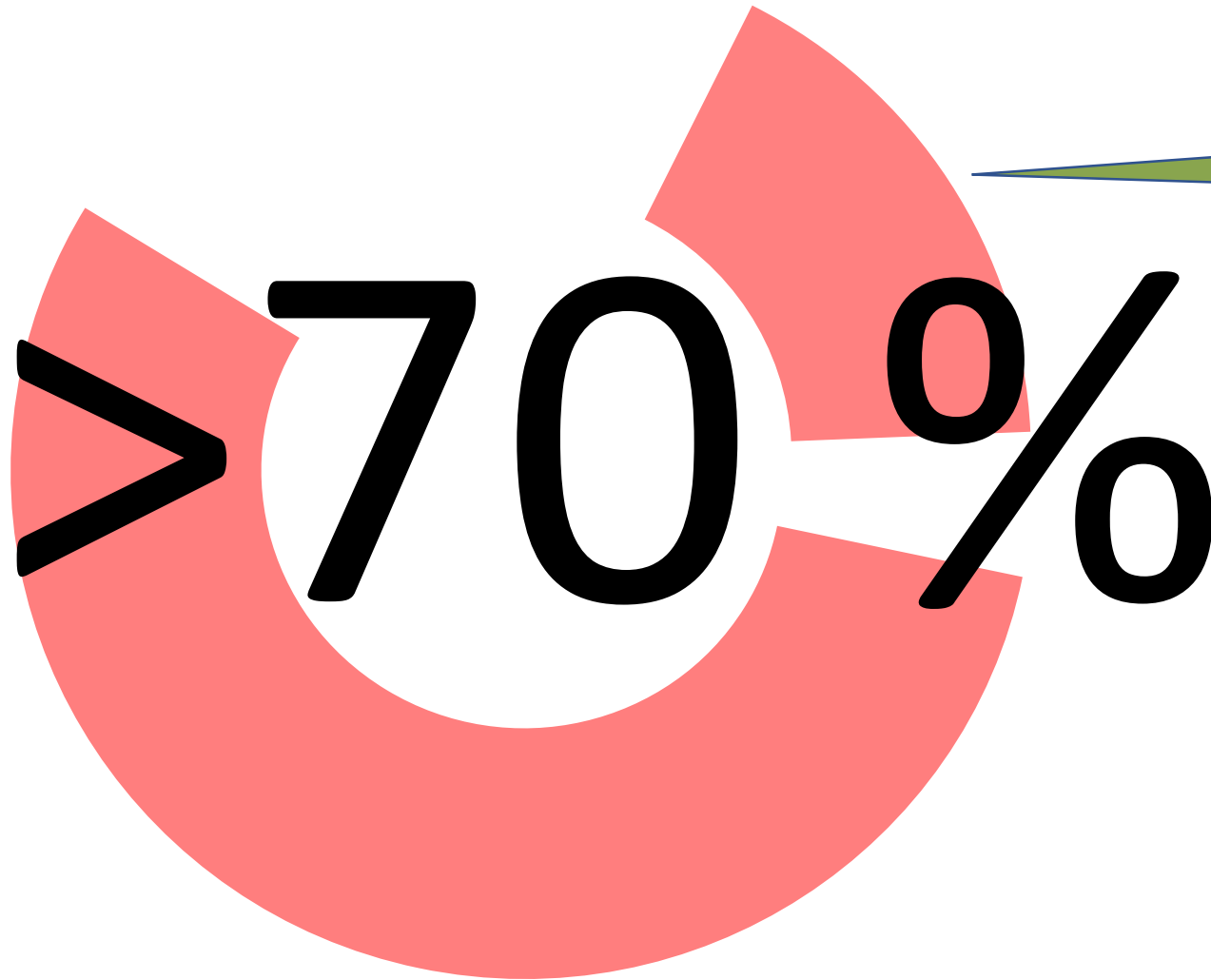
Overall: Climate change

-36%

Energy- und Climate Strategy of Federal Government of Austria: -36% Reduction of GHG emissions until 2030 (reference 2005)

Construction sector – Waste

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App. 10 Mio. Tons
Construction and
demolition waste (2015)

© Fed. Waste Management Plan 2017

Caritas



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Re-Use and the german language

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Reuse -> (Wieder)
verwenden

Recycling -> Verwerten

The legal Frame

The *Recycled Construction Materials ordinance* addresses the building owners.

- §4. (3) „Within the **pollutant and impurities survey** ...also elements/materials should be listed, that can be handed over for a **preparation for reuse.**“
- § 5. (1) „... Those elements that can be handed over for a **preparation for reuse** and that are addressed by potential purchasers have to be removed in a way that a following preparation for reuse is not impeded....“
- And a linked standard ON B 3151 (**Dismantling plan**)

BauKarussell?

BauKarussell acts as an organisation in planning and operation and cooperates with social businesses to realise dismantling of buildings as a standard method for demolition.

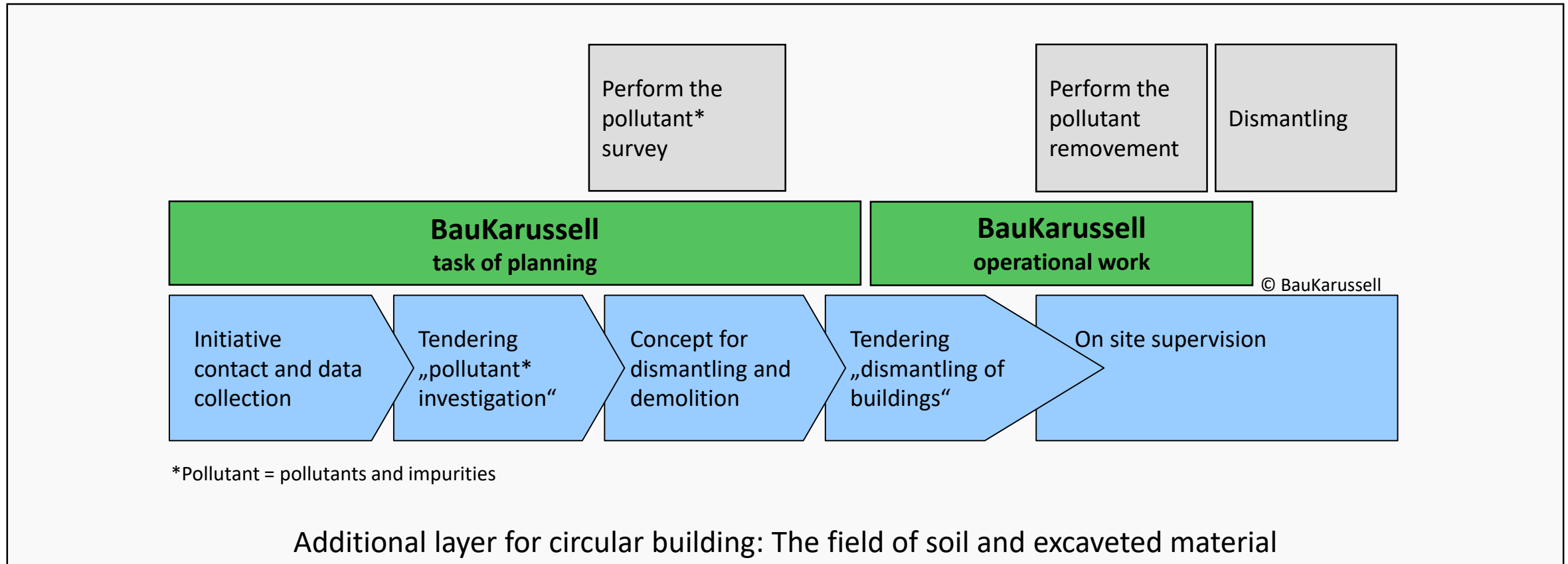
We address owner of buildings and all stakeholders, that plan and develop buildings.

@Mission Statement

The partner of BauKarussell

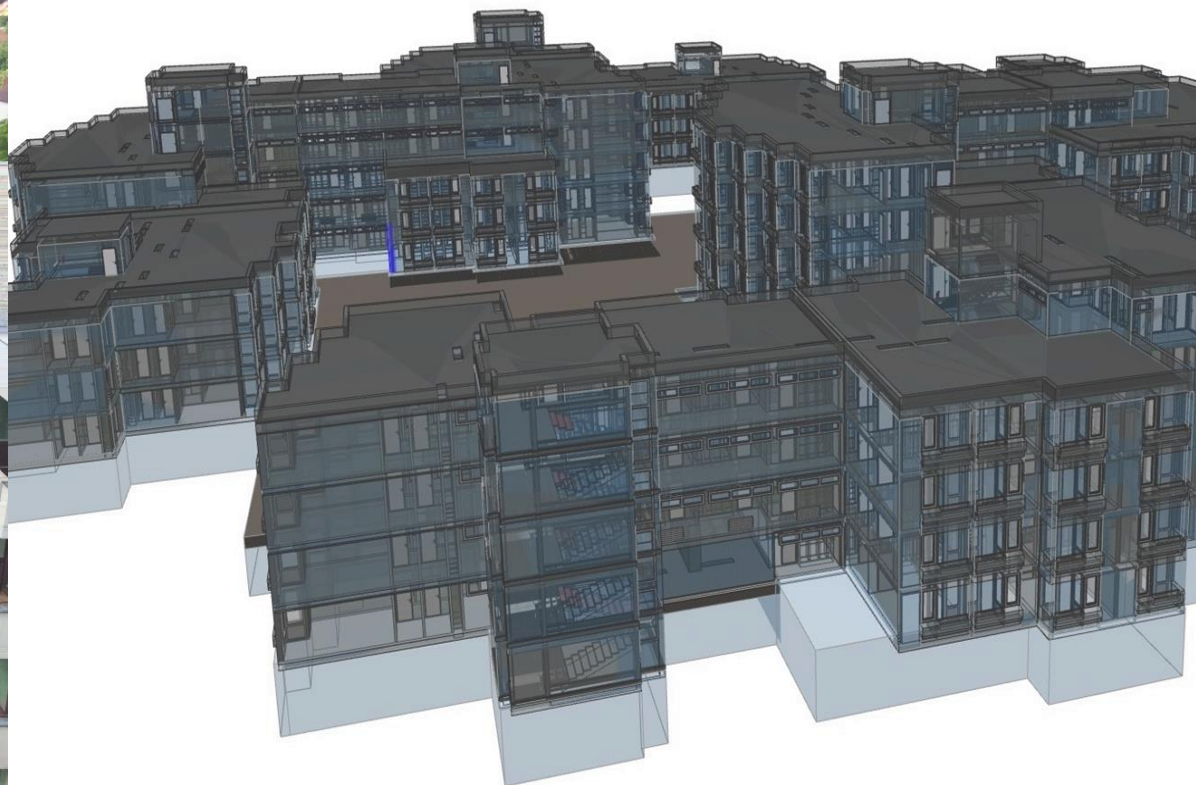
- Caritas Wien
- Demontage & Recycling-Zentrum
- ROMM/MZT ZT
- RepaNet
- pulswerk GmbH

Circular economy in the dismantling of buildings



example: partner in a consortium for a competition for property developers

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Eine Initiative der Wiener Umweltschätzin

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Windows – useable? – reuseable?



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example: former railway station and offices

- 157.000 m² total floor area
- Private developer 6b47
- Integration of BauKarussell as a planner to find re-use potentials



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example: floor covering

Wooden parquet, never refurbished, removed as waste.



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Textile tiles. age of 6months and removed as waste.



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Conclusions after three years

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operation

employment

competence

education

planning

economics

legal frame

change

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Beschäftigung & Kreislaufwirtschaft

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