

CO-CREATION: DECON 3D

Project duration: 1.9.2019–29.2.2020

WANTED PARTNERS:

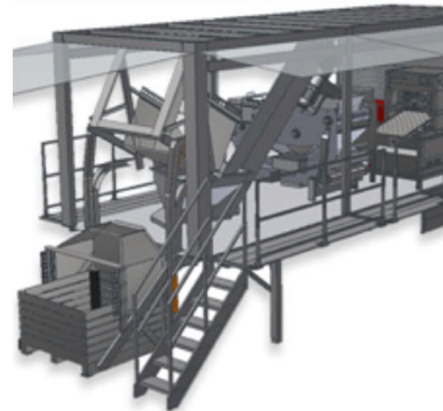
Companies from all phases of the value chain: demolition and sorting, concrete crushing and separation, processing of new building materials, 3D-printing designing and new constructions.

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- *Demolition and sorting*
- *Concrete crushing and separation*



- *Mobile processing of new building materials*



- *3D-printing designing*
- *New constructions*

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AIM & CONTENT OF THE CO-CREATION PROJECT

The aim of this project is to create a partner network and service entity to refine and utilize demolished concrete for new building materials suitable for 3D printing and further into new buildings.

BENEFIT & COMPETITIVE ADVANTAGE OF THE SOLUTION

The novelty value of the described solution is based on a mobile processing unit. The whole process from the demolition concrete-containing building to the construction of a new building can be done on site, which further enhances the ecological sides and the competitive advantages of the solution compared to the traditional process of concrete demolition, transportation and manufacturing.

TARGET MARKETS & GLOBAL MARKET POTENTIAL

The proposed solution is easily scalable internationally. There is no equivalent solution elsewhere. On the other hand, there is a growing interest in 3D printing in the construction industry, and there is a plenty of international market potential for it.