



## Workshop: Typology of construction components for reuse

Date: 4<sup>th</sup> April 2017 | 10:00 – 15:00

Venue: CULLINAN STUDIO/ASBP, 5 Baldwin Terrace, London N1 7RU

An important missing link in enabling sustainability in the construction sector is the potential for construction components to be reused. A typology system for assessing the reusability potential of construction components has been developed, containing a number of classifications based on the:

- properties and characteristics of the component, connection details, etc.;
- nature of the original use, exposure conditions, and the match thereto for the proposed new structural form, loading, exposure etc.;
- nature of the recovery process, including details of the methods used to extract the component and the associated likelihood of damage or contamination caused.

The purpose of this workshop is to assess the validity of these classifications, and of the typology system overall, to provide valuable information and insights into the potential for construction component reuse.

If you are involved in the construction sector and are interested in promoting sustainability and circular design, we invite you to attend this workshop. Your opinions are crucial to the outcomes of the typology system, and will influence the way forward in promoting its uptake, use and integration with smart technologies (RFID-BIM), which will be explored in a forthcoming workshop.

In attending this workshop you will further explore additional key features that can be used to decide whether a construction component can be reused. For example you will contribute in the identification of essential and desirable characteristics of construction components, and how to quantify their minimum performance standards in relation to the proposed application.

This workshop facilitates part of a broader objective of promoting *Whole life design, urban mining and reuse of infrastructure components* ([iBUILD](#)) and enabling *Complex value optimisation for resource recovery* ([CVORR](#)), to assist contractors and designers to account for the selection and performance of recovered construction components with confidence; hence unlocking value in the construction sector.

The workshop is hosted by the [Alliance for Sustainable Building Products](#) and the [School of Civil Engineering, University of Leeds](#). There is no registration fee for workshop participants but as places are limited, your confirmation of attendance will be greatly appreciated. Please respond via email to Simon Corbey ([simon@asbp.org.uk](mailto:simon@asbp.org.uk)) or Eleni Iacovidou ([E.Iacovidou@leeds.ac.uk](mailto:E.Iacovidou@leeds.ac.uk)) **by the 20th of March, 2017**.



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