



IALCCE 2018

October 28–31, 2018

Special Session SS-15: PROGRESS – Provisions for Greater Reuse of Steel Structures

IALCCE and IALCCE 2018

The IALCCE 2018 symposium is organized on behalf of the International Association for Life-Cycle Civil Engineering (IALCCE) under the auspices of Ghent University on 28-31 October 2018 in Ghent, Belgium. The IALCCE activities encompass all aspects of life-cycle assessment, design, maintenance, rehabilitation, and monitoring of civil engineering systems. The IALCCE 2018 symposium provides an opportunity for academics, engineers, consultants, architects, constructors and decision makers from around the world to keep themselves up to date with the latest developments in the field of life-cycle civil engineering. Within this symposium several Special Sessions and Mini-Symposia are organized.

Objective of the Special Session SS-15

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The main goal of the PROGRESS - project (Provisions for Greater Reuse of Steel Structures), which consists of a research group of 6 European Universities and 2 companies, is to find possibilities to reuse more steel from buildings and bridges. The reuse of steel material is important to consider when evaluating the Life-Cycle of buildings and bridges.

This Special-Session covers the topics concerning the reuse of steel-based components from existing and planned buildings. It is focused on methodologies, tools and recommendations to maximize the environmental and economic potential of the building components through their reuse.

The Special-Session includes three main parts:

1. The reuse of elements from existing buildings;
2. The design of reusable buildings;
3. The circular economy and environmental impact of reused components.

PROGRESS is also part of the Horizon program and covers at least 20 different subprojects.



Submitting abstracts

Authors willing to present a paper at the symposium are kindly invited to submit a 300 word abstract in accordance with the themes and topics **before August 31, 2017 (Extended)** through the online submission system available on the symposium website (www.ialcce2018.org). Please indicate in the submission system if you would like to submit an abstract to this particular Special Session.