

RESTORE FINAL ONLINE CONFERENCE 3RD DECEMBER 2020**Note:**

1) The title should be as brief as possible; 2) Your abstract must not be longer than 300 words, and it should state briefly and clearly the purpose, methods, results and conclusions of the work; 3) Please provide a short CV + Foto for upload on www.eurestore.eu/restore-final-conference/.

Title:

Sustainable and regenerative management of the built environment

Author & affiliation:

Prof. Dr. Carsten K. Druhm
Institute of Facility Management (IFM) – Zurich University of Applied Sciences (ZHAW)
Departement N, IFM
Grientalstrasse 14, CH-8820 Wädenswil, Switzerland
carsten.druhm@zhaw.ch

Abstract: (max. 300 words)

The presentation shows the importance of the usage phase along the life cycle of the built environment and gives indications for new ways and solutions in the sustainable and regenerative management of properties and neighbourhoods.

Nowadays we often see a siloed view of buildings, separated according to life cycle stages and stakeholder aspects. This cannot come close to creating sustainable value from this extremely important resource. Although facility management during planning and construction is well known, it is still not applied frequently enough. More evidence-based decision criteria are needed. At best, these are assessed in a digital planning process, which also allows for a low-cost evaluation of variants. However, this is not only about the technical point of view, rather user and operator processes should be considered, simulated and optimized. This also includes measures that seem simple, such as an efficient way of putting new buildings or buildings that have been renovated to their core into operation. Finely adjusted settings instead of factory settings of the building services (e.g. heating and ventilation) not only save energy but also increase user satisfaction and health. Increased user satisfaction leads to better rentability and thus to less vacancies; one can hardly imagine a greater lever for sustainability. There is further potential on the part of facility service providers.

If one dares to take a further step and moves from the classic view in Facilities Management, the individual building, to the neighborhood level or even an entire city, complexity increases with multi-dimensional aspects. In light of (regenerative) sustainability, this complexity necessarily means a cross disciplinary approach. This is where facility managers with their transdisciplinary training will play a decisive role in the future.

However, Urban Facilities Management would require a paradigm shift in real estate management. New processes, contractual models in letting and management and a changed attitude of owners and investors should be established in order to promote regenerative sustainability.

Keywords: (max.5, please use semicolons)

Facility Management; Sustainable Real Estate Management; Urban Facilities Management; Real Estate Life Cycle;

Short CV: (max. 100 Words + Foto)

Prof. Dr. Carsten Druhmnn studied Civil Engineering and Business Sciences and received his doctorate from the University of the Federal Armed Forces in Munich. After around ten years in industry he has been working since 2007 at the Institute for Facility Management (IFM) of the Zurich University of Applied Sciences (ZHAW) and is currently Head of Real Estate Management Competency Group. In numerous applied research and development projects he addresses issues relating to sustainability and digitalization in the real estate industry. He is also co-founder of the Swiss Green Building Council and Member of the Royal Institution of Chartered Surveyors. He is vice leader of Working Group 3.

