

### **New Book: Creating Buildings With Positive Impacts**

**Promoting positive impacts of buildings, instead of minimizing negative ones. This is the guiding principle in the new book entitled 'Creating Buildings With Positive Impacts' by Douglas Mulhall, Michael Braungart and Katja Hansen. In their publication, they present practical tools and methods that help to create healthy and recyclable buildings. The guide is aimed at experienced Circular Economy and Cradle to Cradle experts as well as property owners, investors, developers, building owners or planners who want to learn more about this topic and improve the positive footprint of their real estate. The English-language book is now available as an e-book for free download at the following link: [Creating Buildings With Positive Impacts](#)**

Most building concepts were directed at minimizing negative impacts. The idea of positive impacts with healthy abundance was often seen as unrealistic. However, that has changed through positive approaches such as urban farming, grid-competitive solar power and healthy buildings. In their new book, the three authors describe how healthy and recyclable buildings can be achieved and what the key aspects are. Douglas Mulhall, Michael Braungart and Katja Hansen have been working together since the 1990s, driving Circular Economy and Cradle to Cradle (C2C®) approaches forward.

The authors also deal with these and other topics in their publication, highlighting practical methods, solutions and lighthouse projects from current practice. They also present a new approach that describes the path from the traditional idea of sustainability to the C2C-inspired Circular Economy. All the methods and approaches presented in the book can be applied to different project types, building types and area development projects, as well as to a wide variety of sectors such as housing, healthcare, industry or logistics. Readers and users can use this guide to improve the performance of their buildings and achieve higher environmental and economic results.

The book was produced in association with the Faculty of Architecture of the Technical University of Munich (Germany), the Department of Architectural Engineering and Technology of the Delft University of Technology (Netherlands), and the EU research project Buildings As Material Banks (BAMB). Launched in 2015, the BAMB project aims to develop recycling-enabled solutions using standardized data sets for product manufacturers and the construction industry.

Drees & Sommer and EPEA GmbH, which now operates as EPEA GmbH – Part of Drees & Sommer, advised on the project right from the start and contributed its practical knowledge and experience of Cradle to Cradle projects.

## The authors:

**Douglas Mulhall** supervises the design and implementation of building and infrastructure innovations worldwide, and advises governments and corporations on the topic of circular economy. He is Guest Researcher at the Department of Architectural Engineering and Technology at Delft University of Technology in the Netherlands, and research fellow at the Faculty of Architecture at the Technical University of Munich in Germany.

**Professor Dr. Michael Braungart** is co-founder of the Cradle to Cradle design framework and founder of EPEA Internationale Umweltforschung GmbH. He is professor at the Institute for Ethical and Transdisciplinary Sustainability Research of Leuphana University in Lüneburg, Germany, and promotes worldwide the development of environmentally compatible and recyclable products, processes and buildings.

**Katja Hansen** is an experienced Circular Economy expert and educator. She advises on projects run by various institutions and companies worldwide and heads the Healthy Printing Alliance. She also works as a research fellow at the Faculty of Architecture of the Technical University of Munich.

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### ***EPEA: Cradle to Cradle, the Engine of the Circular Economy***

*EPEA GmbH – Part of Drees & Sommer is an international research and consultancy institute for environmentally-friendly products, processes and buildings. Its 35 employees work with experts and legal entities in industry, science and the public sector to advise on solutions for the circular economy. They apply knowledge from the fields of chemistry, biology and environmental science to develop or optimize products of all kinds with a view to materials healthiness and recyclability. They also develop concepts as to how material cycles in production processes, buildings or cities can be closed.*

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