

RE.MATERIAL

open studio for circular building strategies

55% of the german waste is produced by the building industrie

in 2019 the **building industrie** in germany produced **2.8t waste/person**

the **building structure** holds **56%** of a buildings **grey energy**

38% of the global **CO² emissions** are caused by the **building industrie**

PHASE 1
circular potential of our building waste

s.2.1

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The building and construction industry is one of the world's biggest sources of pollution and waste production. It uses huge amounts of non-renewable resources and at the end of a building's life span, its materials become waste in a linear process. The project RE.MATERIAL is questioning this conventional practice by searching for perspectives and alternative ways to transform buildings into a part of a material cycle. A special focus is drawn on science communication by realizing an open studio format in the city center of Bremen. Through the windows of a former shop that was empty for 7 Years, it is possible to get in touch with people passing by and raise awareness for the building industries' responsibilities towards sustainability. A goal of the project is to connect different stakeholders and to use and strengthen the city as a network. Planners, constructors and consumers of architecture shall be brought together as each one of these groups plays a significant part in transforming the common practice. Throughout workshops and podium talks, local stakeholders and experts are being invited to inspire and support the process with their practical knowledge. The results of the participative investigations are collected throughout the project and curated to a growing exhibition in the open studio space.

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THE OPEN STUDIO FORMAT

initiating **awareness** and **transformation** through **science communication** in a **participative process**

PHASE 2

WEBSITE

SOCIAL MEDIA

analysing existing structures → inducing a dialogue → identifying hindrances & problems → initiating transformation → circular building