

Upgrade: Making Things Better

Making Things Better

Die mangelnde Reparaturfähigkeit von alltäglichen Gebrauchsgegenständen bis hin zu Gebäuden wird seit Jahren thematisiert und kritisiert – gleichzeitig nehmen Ressourcenverbrauch und Abfallmenge weiter zu. Um diesem Trend entgegenzuwirken, entwickeln Architektur- und Designstudierende der Hochschule München und ETH Zürich seit 2015 nachhaltige wie kreative Konzepte für die Reparatur unterschiedlichster Objekte und setzen sie mithilfe handwerklicher und digitaler Techniken, wie dem 3D-Druck, um. Neben einer Wiederherstellung der Gebrauchstauglichkeit zielen viele Projekte auf die konstruktive, materielle oder auch gestalterische Weiterentwicklung der Objekte und verleihen ihnen so neuen Wert. Die Publikation zeigt verschiedenste Ansätze und Projekte, ergänzt durch Essays namhafter Persönlichkeiten aus Architektur, Denkmalpflege, Design und Handwerk. SILKE LANGENBERG (*1974) ist ordentliche Professorin für Konstruktionserbe und Denkmalpflege an der ETH Zürich. Zuvor war sie Professorin für Bauen im Bestand, Denkmalpflege und Bauaufnahme an der Hochschule München, wo sie den Kurs 'Reparatur' initiiert hat.

The incessant trend to throw away rather than to repair, demolish rather than refurbish has been a topic of discussion and criticism for years—at the same time, resource consumption and the waste continue to increase. To counteract this trend, students at the University of Applied Sciences in Munich and ETH Zurich have been developing sustainable and imaginative concepts for repairing a wide variety of objects, applying them both manually and by using digital techniques such as 3D printing. Beyond restoration, many projects aim to further develop and improve the repaired objects constructively, materially, or even in terms of design, lending them new value. This publication presents a wide variety of approaches and projects, complemented by essays by notable personalities from the fields of architecture, preservation, design, manufacturing, and craftsmanship.

SILKE LANGENBERG (*1974) is professor of Construction Heritage and Preservation at ETH Zurich. Previously, she was professor for Design and Construction in Existing Contexts, Conservation and Building Research at the University of Applied Sciences in Munich, where she initiated a Repair Class.

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