

 **revitalyze**

**One-Stop-Shop for the reuse
of circular building
components**





Houston, we have a problem!

50%



<1%



ebay

restado

BauKarussell

Treffen Sie bitte in der Kategorien-Liste eine Vorauswahl und grenzen Sie dann gegebenenfalls Ihre Suche über die Eingabe eines Suchbegriffs oder eine Auswahl in der Detailsuche ein.

Suche nach: zur Detailsuche

Was findet sich wo?

 Türen / Tore Zimmertüren, Sonstige Türen	 Treppen Ganze Treppen, Geländer, Zubehör
 Böden Fliesen	 Wände / Dach Verkleidung - z.B. Biberschwänze, Dachpfannen, Kacheln
 Elektro Leuchten, Dosen / Schalter, Installation, Sonstiges	 Sanitär Waschbecken, WC-Anlagen, Zubehör

Aktionen
Hilfe
Alle Angebote [56]
Türen / Tore [5]
Treppen [3]
Böden [2]
Wände / Dach [2]
Elektro [7]
Sanitär [4]
Küche [4]
Innenraum [12]
Außenbereich [5]
Verschiedenes [12]

 
MarketPlace



**Our building
stock holds
enormous
resource
potential
but**



Lack of data



No reuse standards



**Fragmentation &
intransparency**

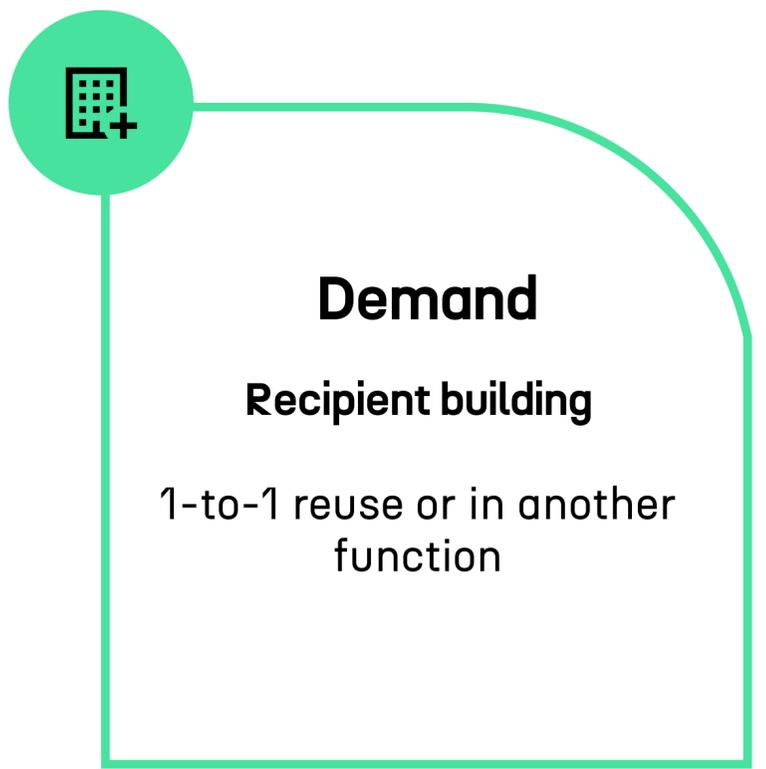
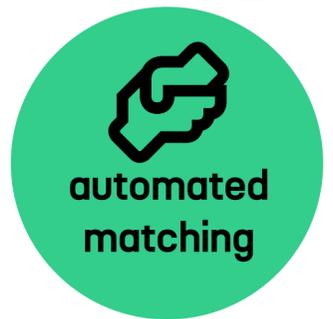


B2B2G Platform



- Project developers
- Cities & municipalities
- Construction companies

revitalize



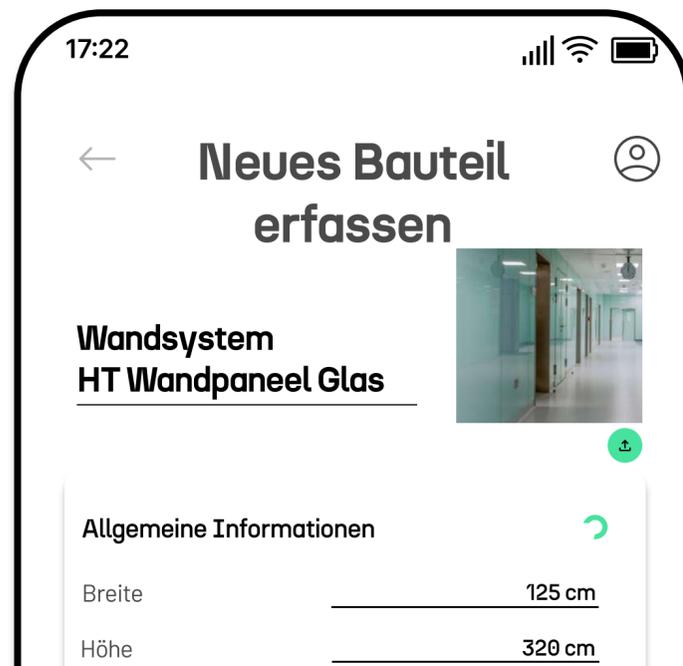
- Architects & Designers
 - Crafts
- Markets in Eastern Europe
 - Temporary buildings
 - Home Depots
 - Manufacturer
 - Up-& Recycler



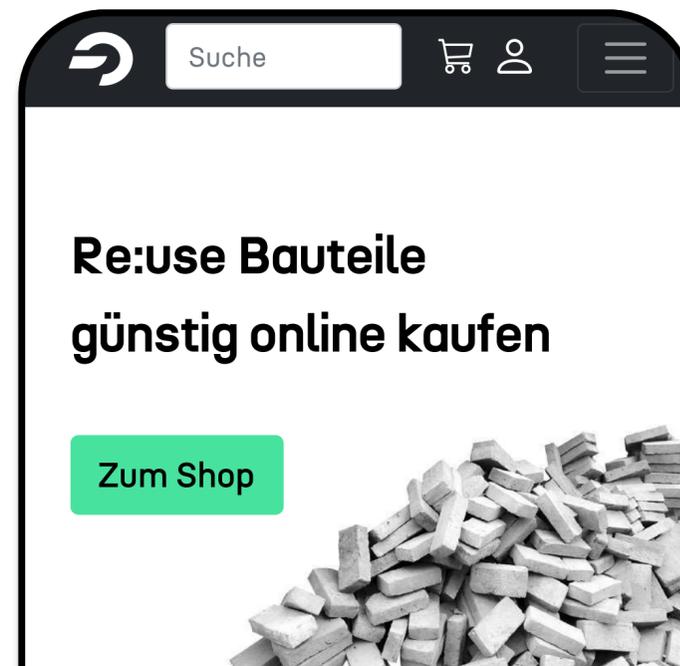
Matching process



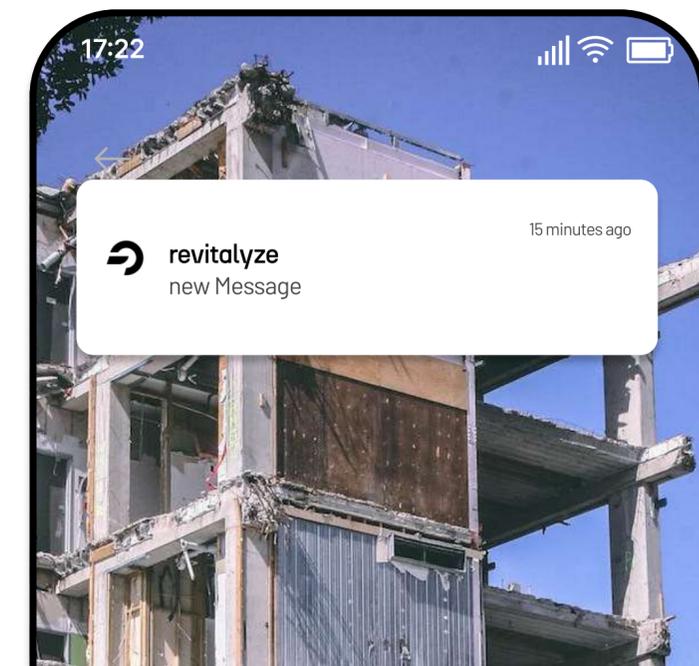
Inventory- analysis



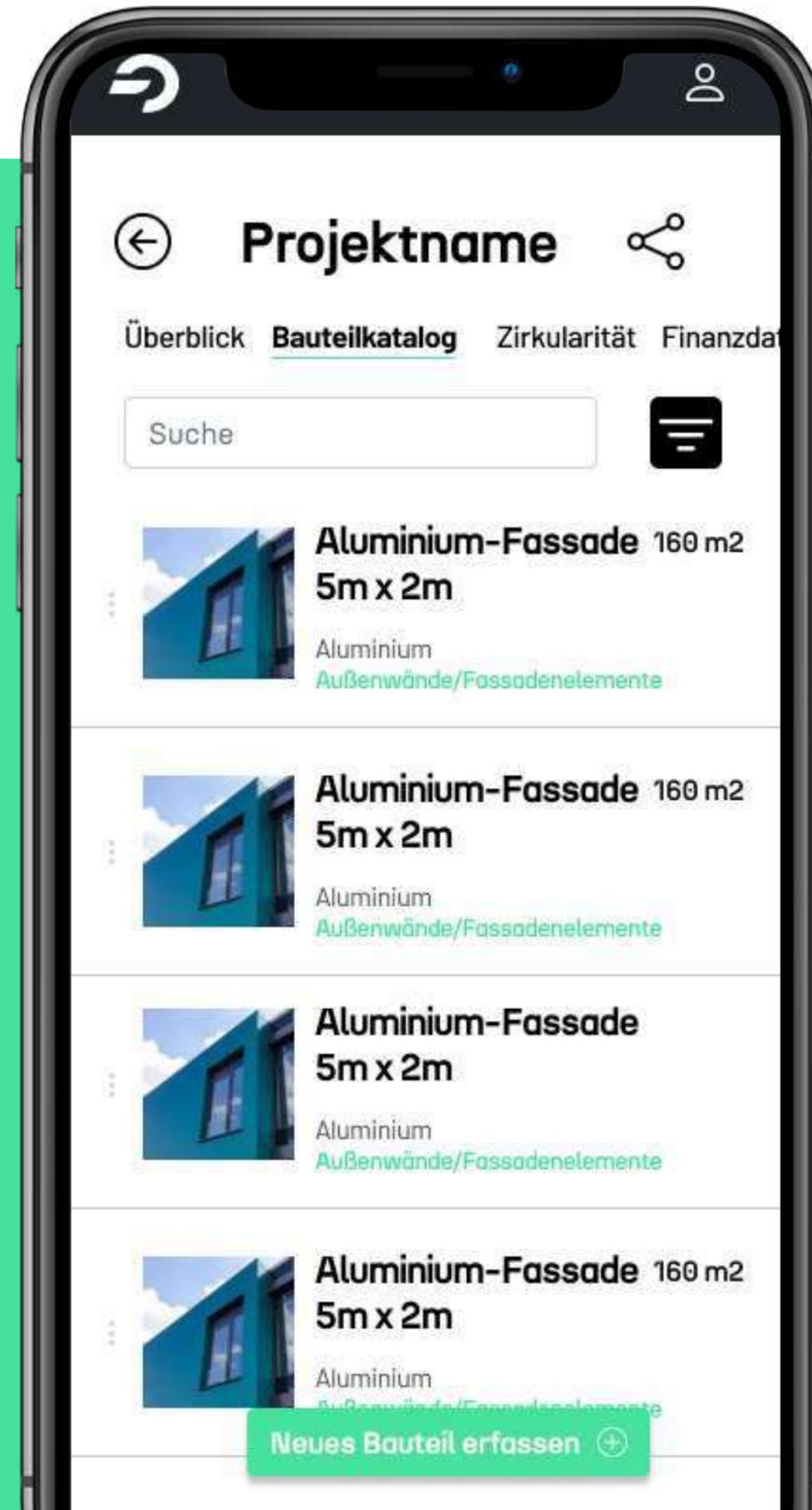
Material- brokerage



Dismantling



walkthrough

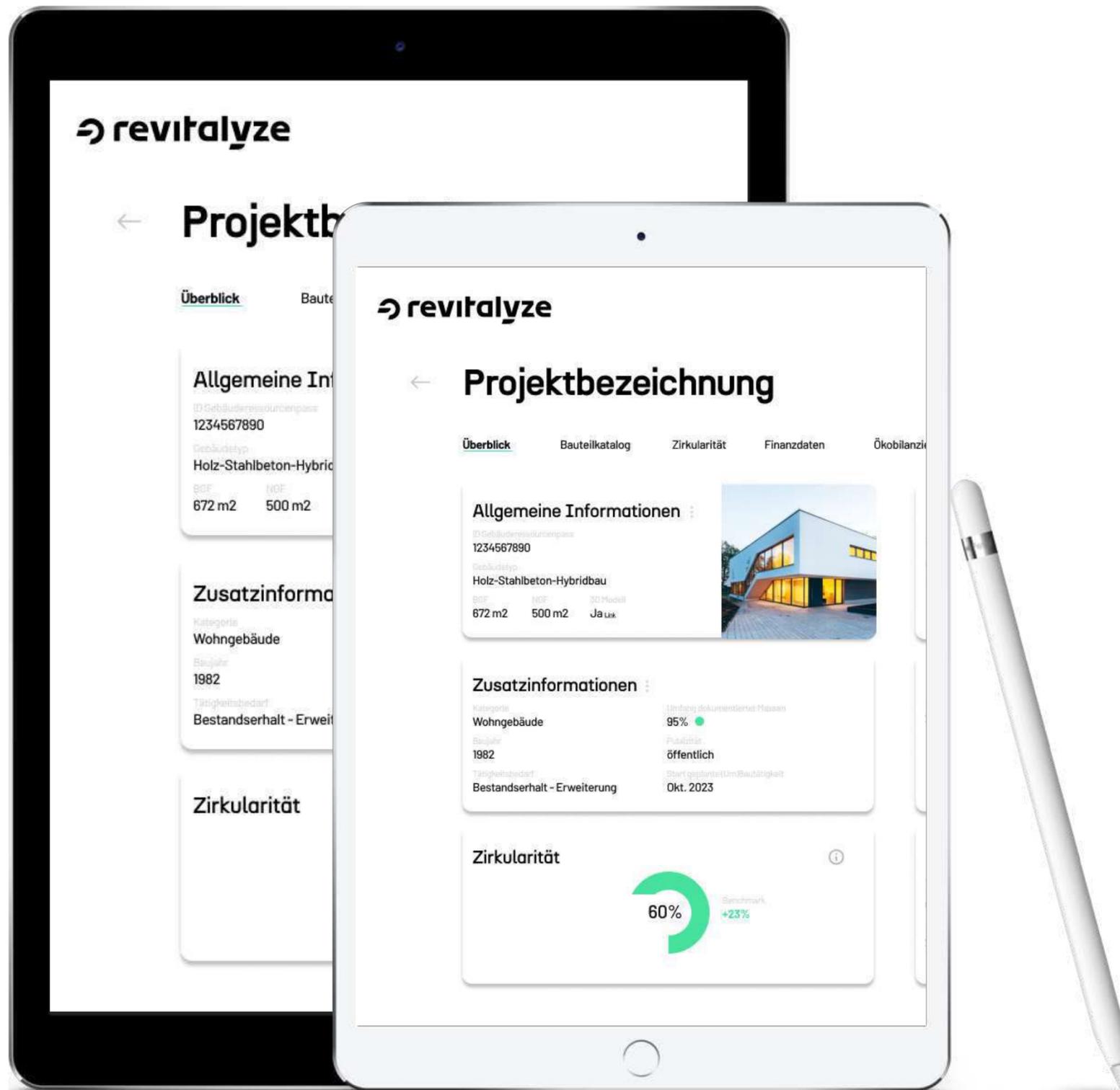


My Projects

Overview of all internal projects with map & filter function for easy navigation.

The screenshot shows the 'revitalyze' web application interface. The main heading is 'Meine Projekte', which includes a summary: 67 Projekte, 1.344.453 m² of documented area, and 2.877.500 t of volume. The sidebar on the left offers navigation to 'Meine Projekte' (selected), 'Marktplatz', and 'Alle Projekte'. The main content area features a grid of six project cards, each for 'Uferstraße 40, 6020 Innsbruck, Österreich', a 'Holz-Stahlbeton-Hybridbau' with a BGF of 672 m², a volume of 1234 t, and a circularity index of 34. A map on the right side of the interface shows the project location and includes filter options for 'Gebäudetyp', 'Kategorie', and 'Tätigkeitsbedarf'. A search bar and a 'Suche' button are also present. A green plus icon is visible at the bottom right of the interface.

Project Area



Circularity



Evaluation of the building on the basis of detachability, lifetime and reusability.

Life cycle assessment



Calculation of emissions over the entire life cycle of the building.

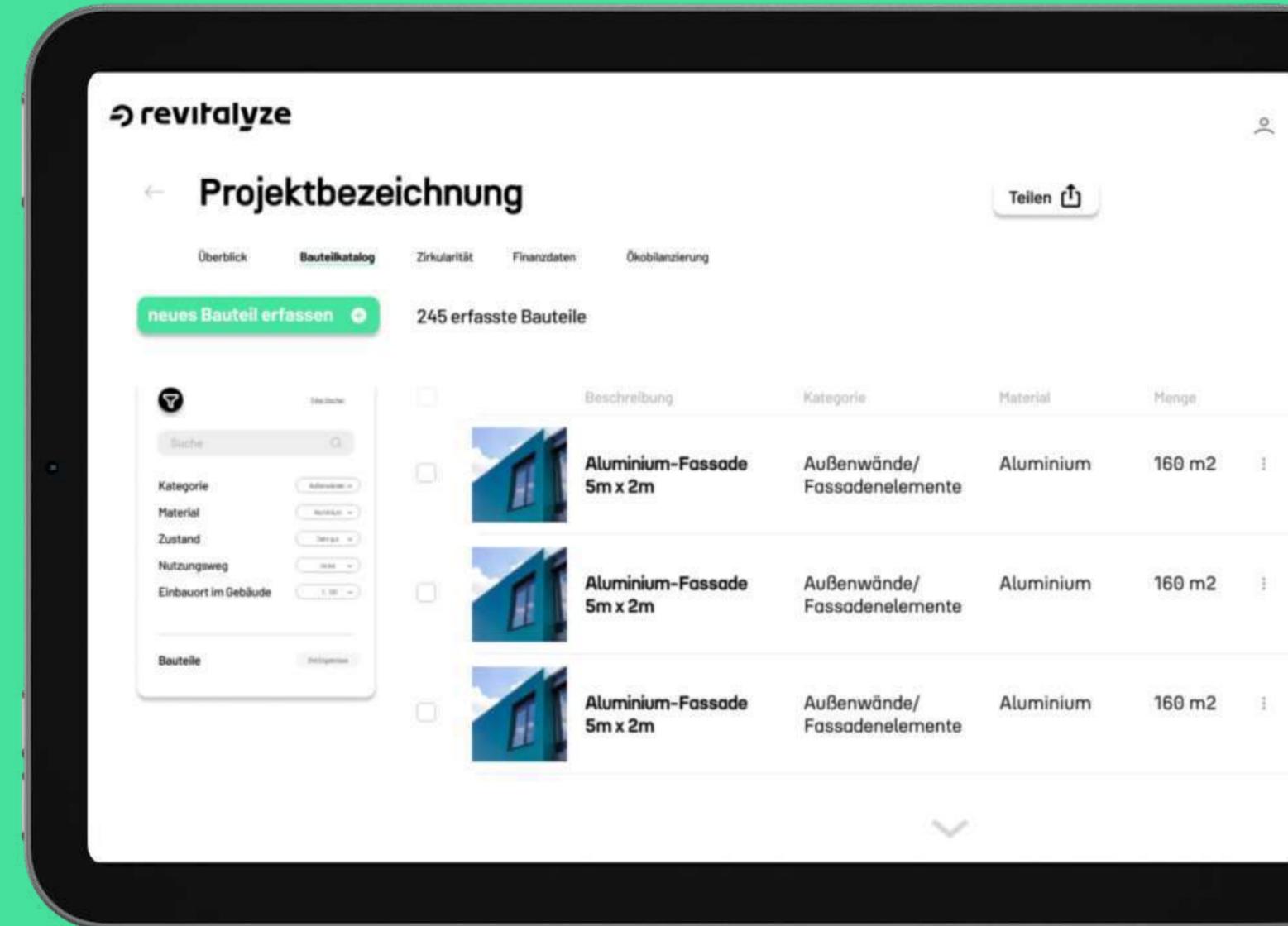
Financial data



Estimation of the current raw material value of the building.

Inventory List

New components are created, filtered and categorised. The components can be offered for sale in the marketplace. **revitalize** takes over the active brokerage.



Momentum

Reduce

Reuse

Recycle

Waste

Waste volume

Priority

EU-Taxonomy

Dependence on global market prices

Rising disposal costs

Market consolidation



Traction

Josef
umdasch
research prize

in cooperation with **WSA**
WORLD SUMMIT AWARDS



Price & Mentions

MCI  **GREENENGINEERS**
ENGINEERING & CONSULTING

SCHÜTTFLIX®

SWIETELSKY  **JOSKO**
FENSTER & TÜREN

OBI  **Weitzer Parkett**

 **FBI** 
Forschungsverband der österreichischen Baustoffindustrie

Open To Collab

 **EUROBETON**
HOCHBAU & TIEFBAU 2000


tirol kliniken

umdaschgroup
ventures

PROGRESS GROUP

LOI

Team



David Plaseller, MA
CEO & Co-founder



Patrick Gössl, BA
CTO & Co-founder



Michael Streif, BSc
CDO & Co-founder

Support





The future of building circular

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