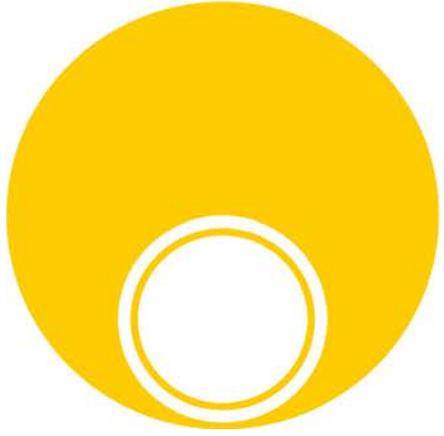


MINIMAL IMPACT
MAXIMUM OUTPUT



MIMO

Wir sind Teil der HSD

Industriepartner
und
Sponsoren

Ca. **65**
Studierende

7

Fachbereiche

8 wissenschaftliche und
31 studentische Mitarbeiter*innen

3

Zentrale Einrichtungen/Institute
(In-LUST, ZIES, PBSA-Werkstatt)

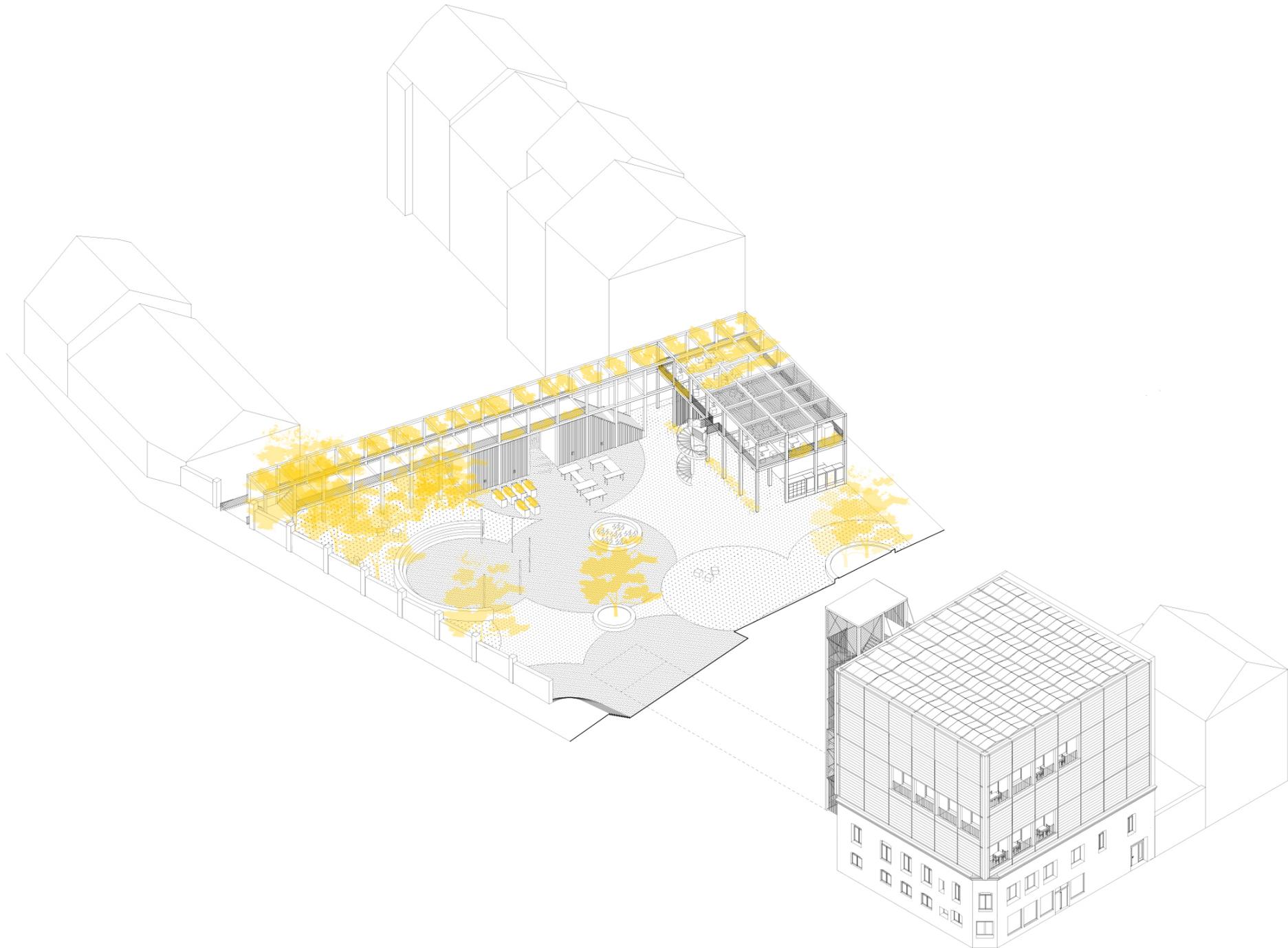
9

Lehrgebiete



Unsere Vision

- Wohnraum schaffen
- Verbesserung des Quartiers
- Integratives und gemeinschaftliches Wohnkonzept
- Energiebedarf reduzieren
- Integration eines intelligenten Energiekonzepts
- Nachhaltige und natürliche Materialien
- Sortenreine Trennung



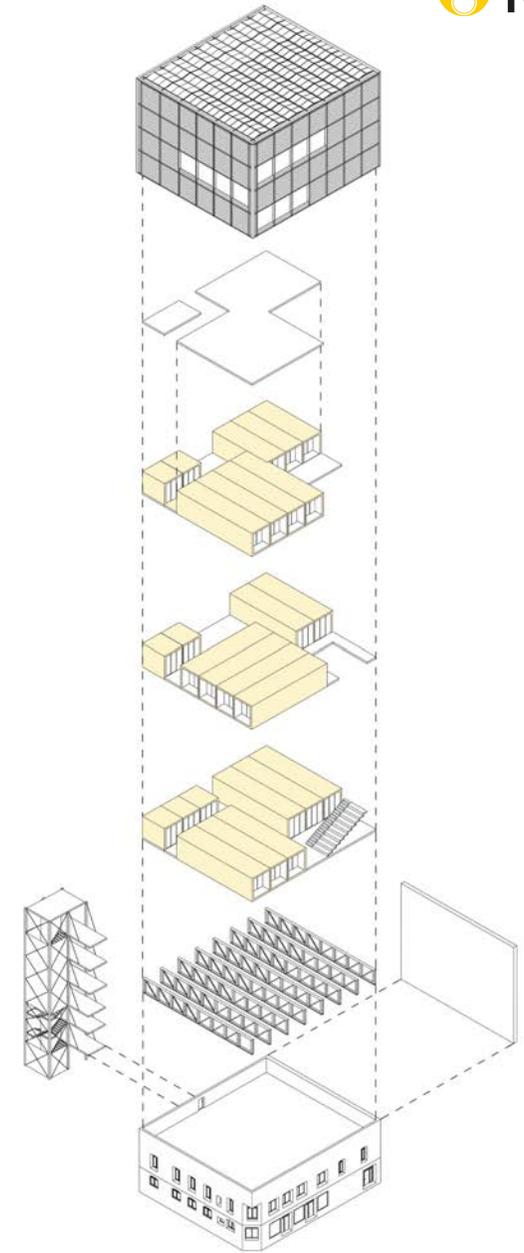
kompakte
und
private Wohnmodule

Klimahülle

Behutsame
Sanierung
des Bestands

Intelligente
Lamellenfassade

Großzügige
Gemeinschaftsflächen mit
Dachgarten



Photovoltaik

15

Wohnmodule

Leimfreies
Massivholz

Vorfertigung

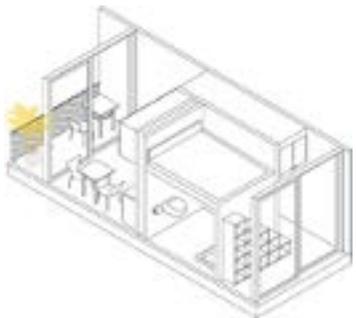
4

Wohntypen

33

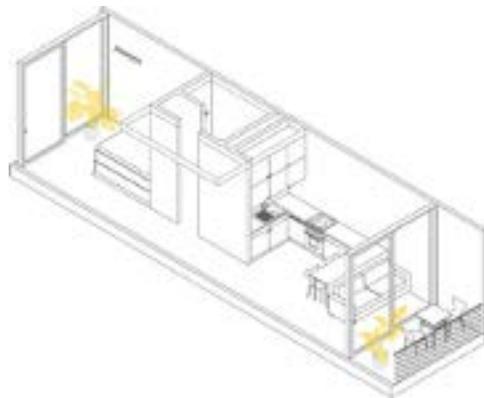
BewohnerInnen

Suffizienz



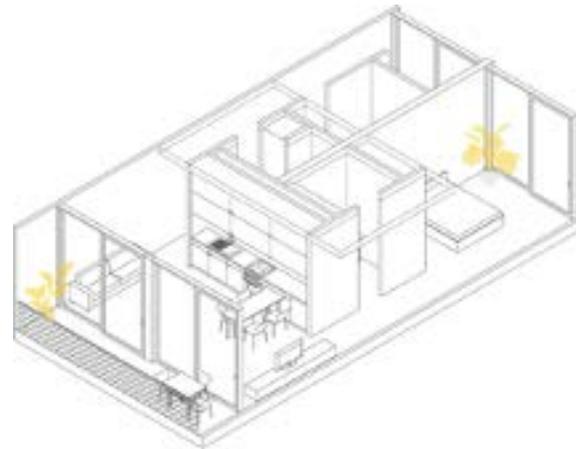
Singlemodul

21qm



Doppelmodul

36qm



Familienmodul

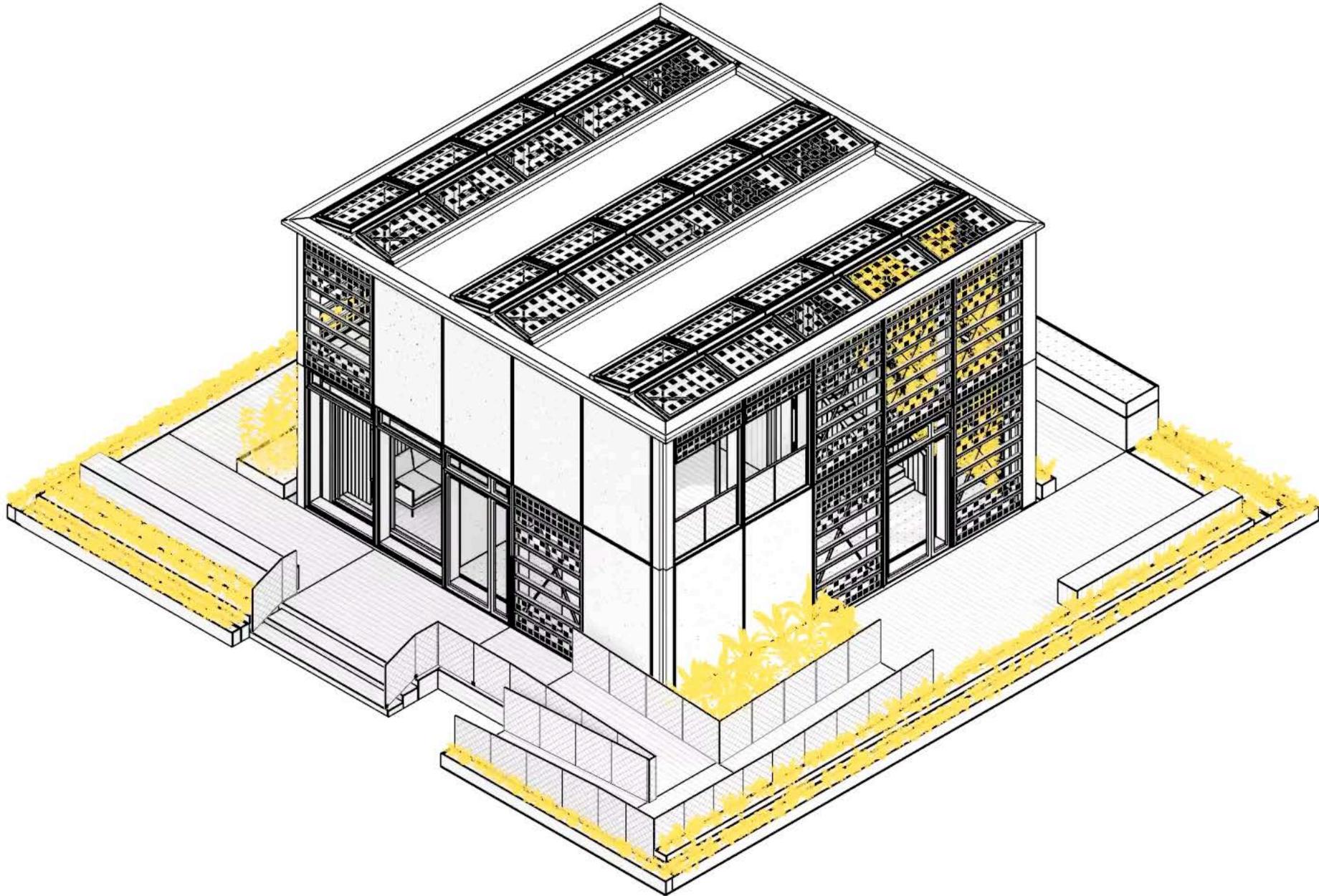
73qm



Maisonnettemodul

73qm



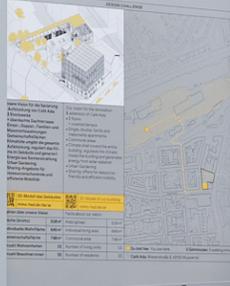




MINIMAL IMPACT MAXIMUM OUTPUT

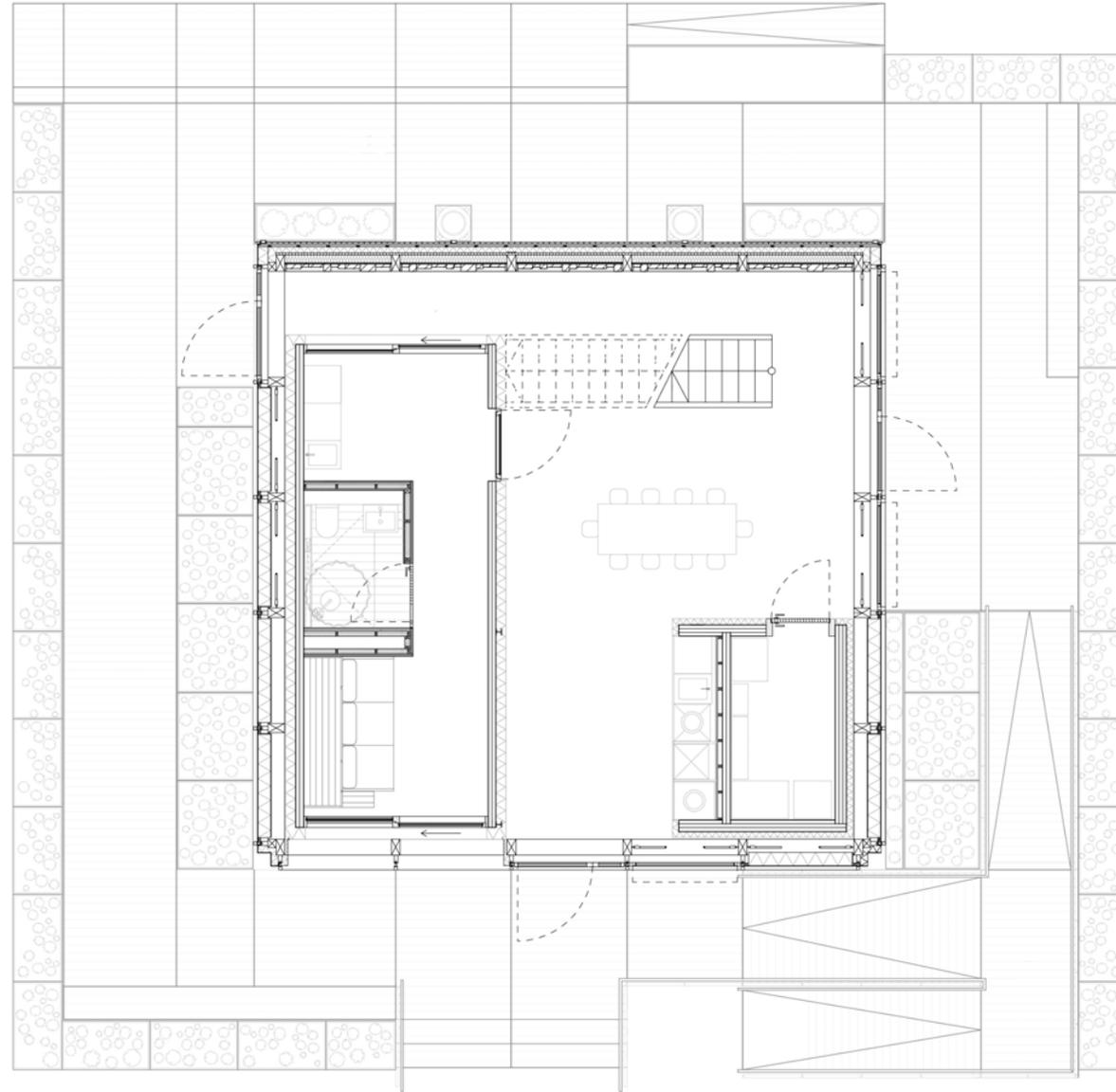
LEVEL	HSD	DES	CON	OPER	MAINT	RENOV	DEM
PUBLIC
PLATIN
GOLD
SILBER
BRONZE
HSD

MIMO



MIMO

Group of people standing near the building entrance.





www.colonia.info

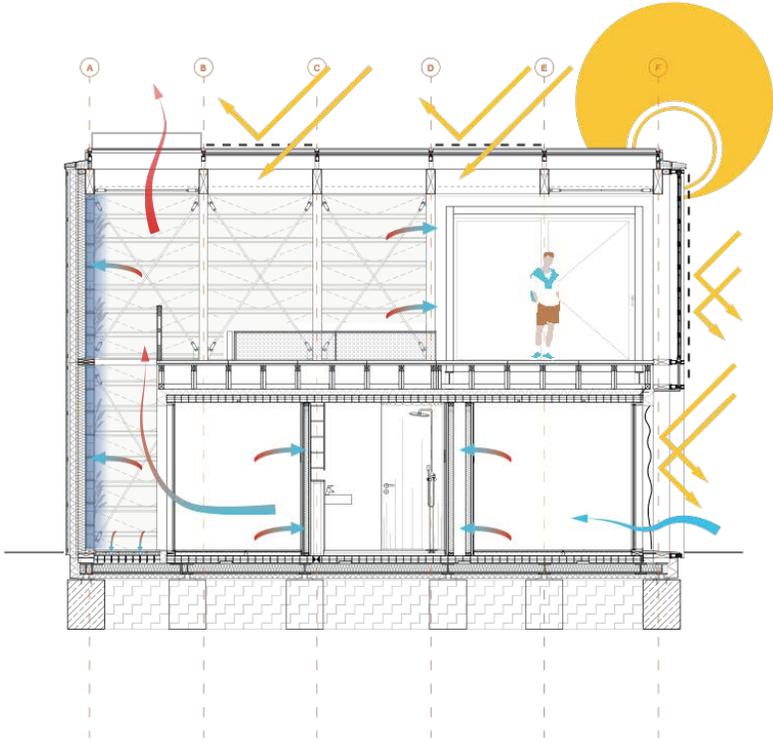
0221 / 956 86-0

www.petershaus.de

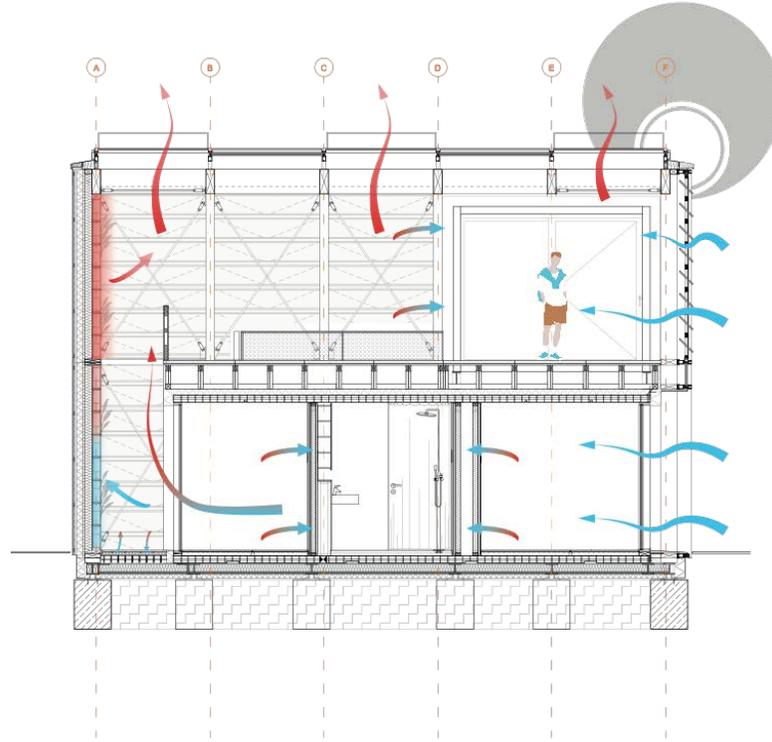
Musterhaus in 41564 Kaarst



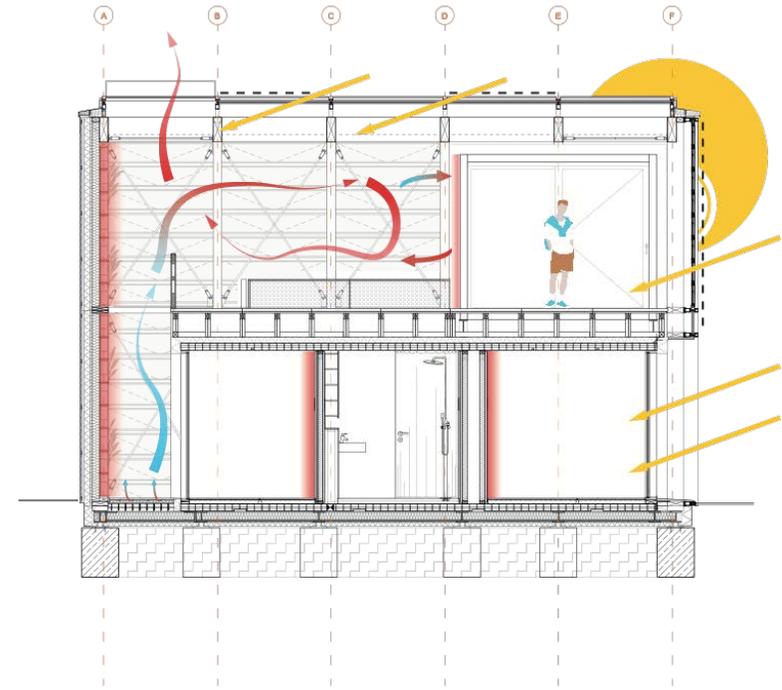




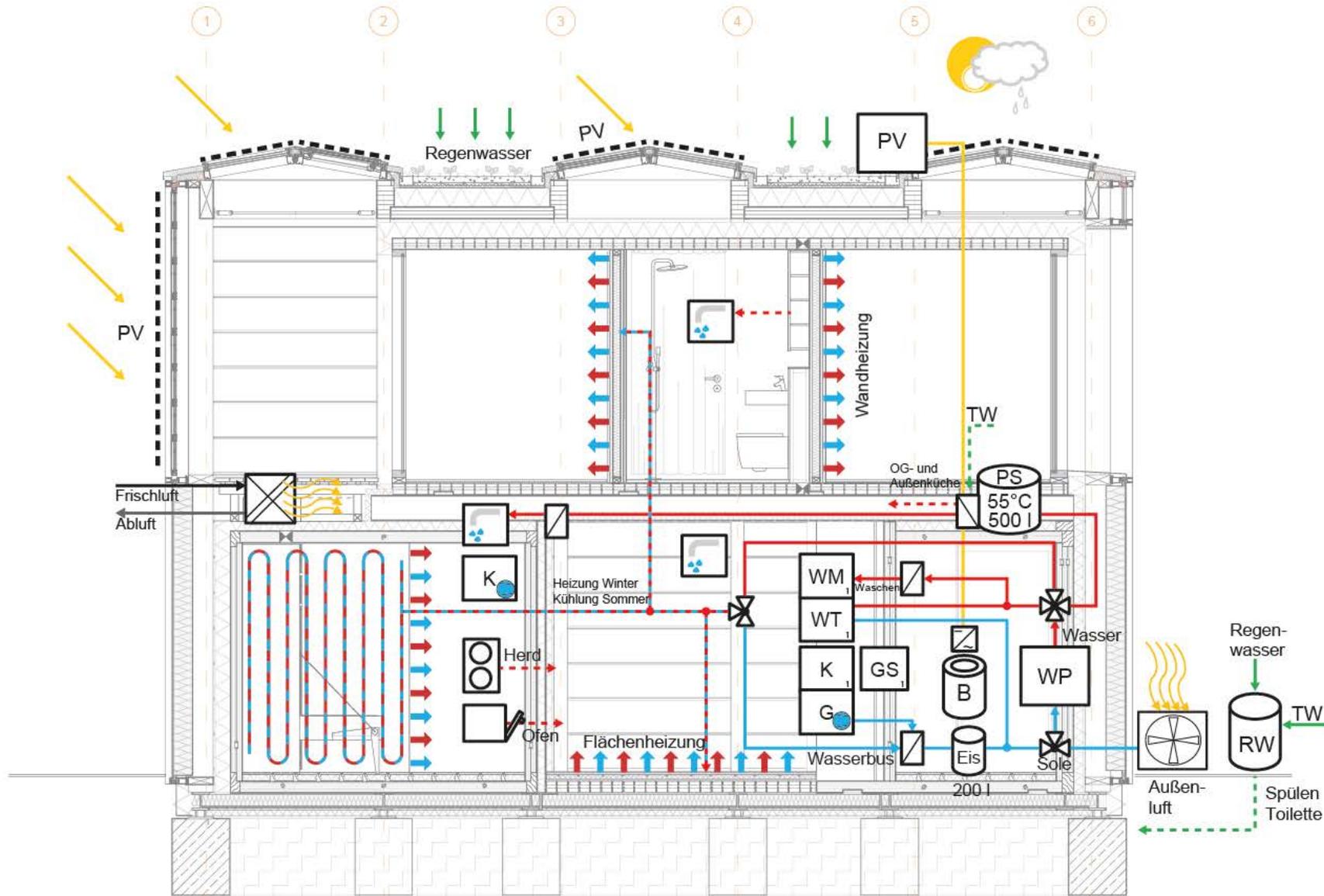
Sommertag



Sommernacht

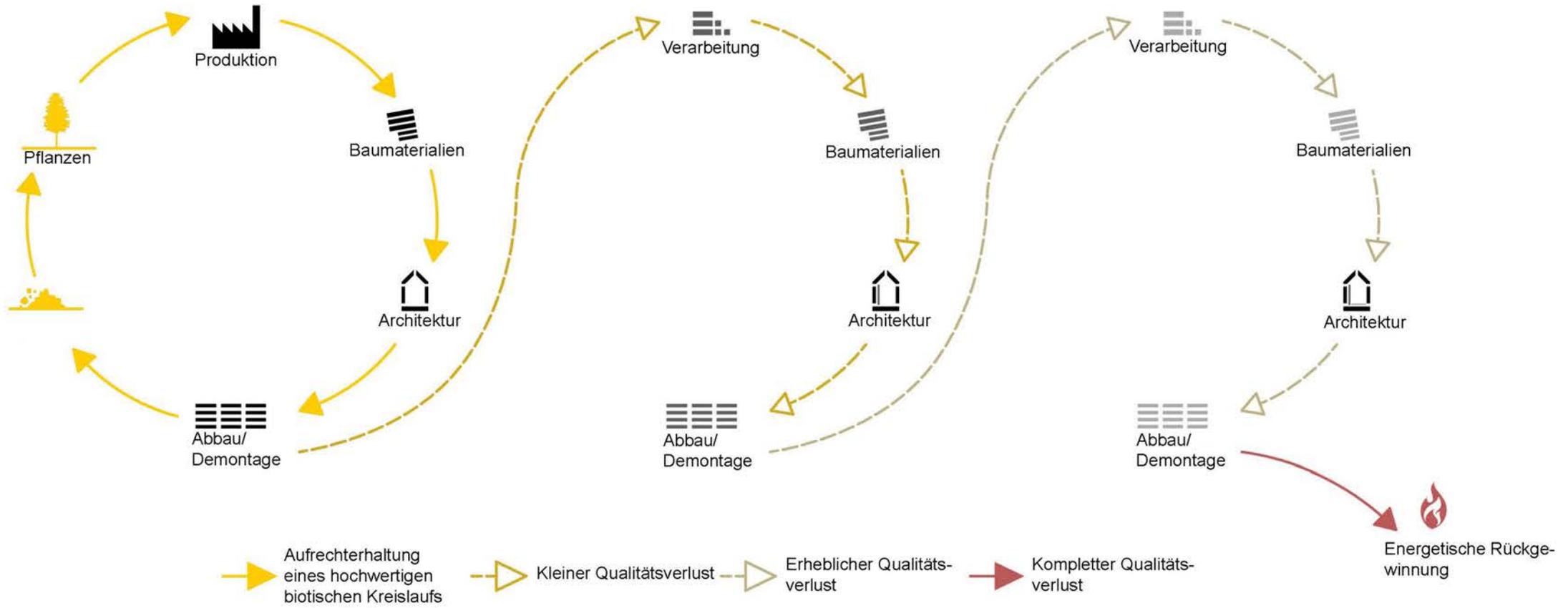


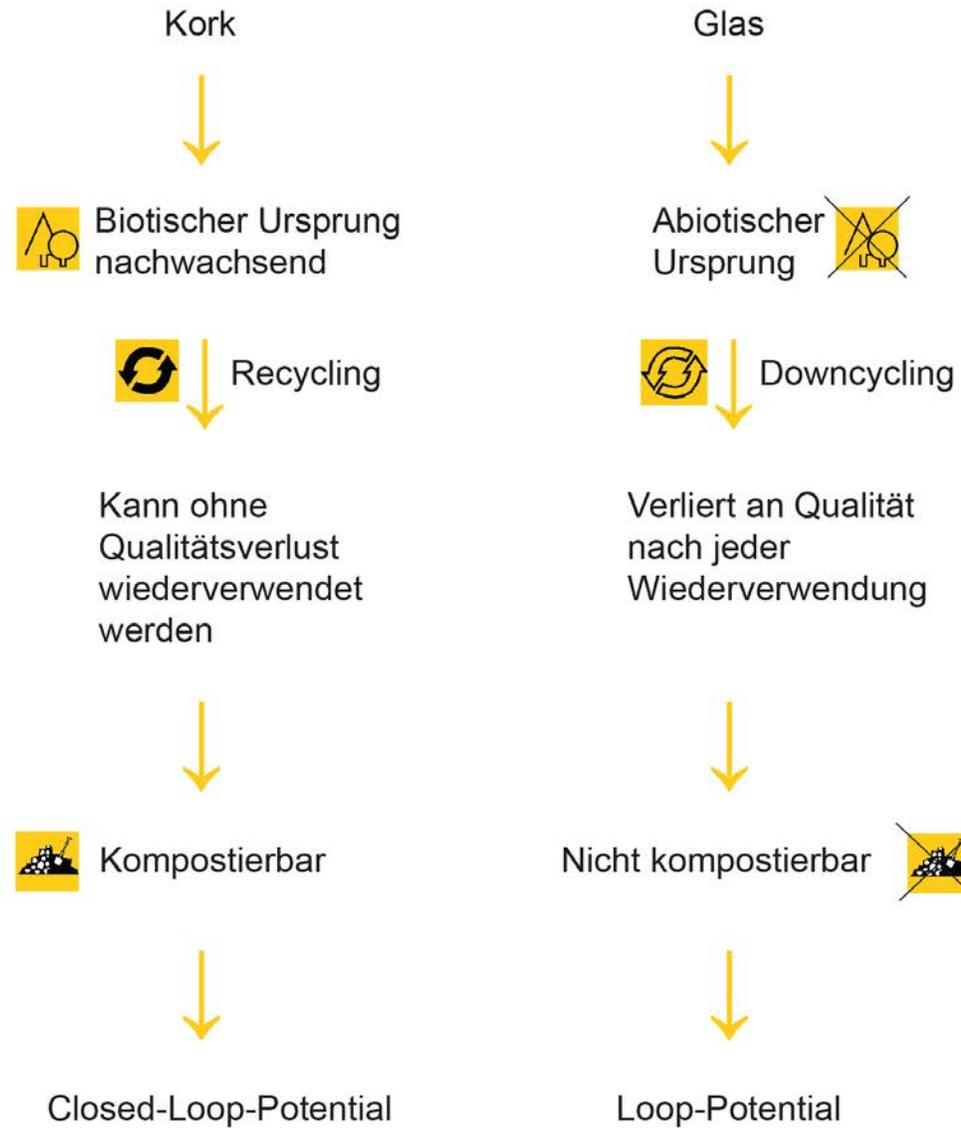
Wintertag

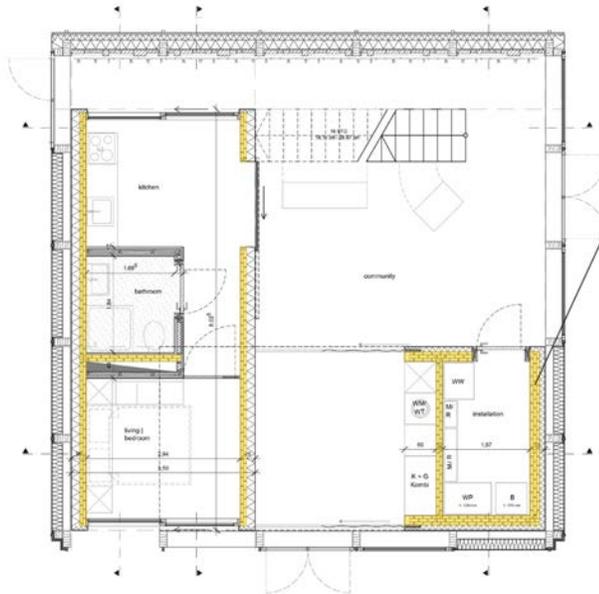


Demonstrationseinheit

B	Batteriespeicher	K	Kühlschrank	PV	Photovoltaik	WM	Waschmaschine
G	Gefrierschrank	KS	Kältespeicher	RW	Regenwassertank	WP	Wärmepumpe
GS	Geschirrspüler	PS	Pufferspeicher	TW	Trinkwasser	WT	Wäschetrockner



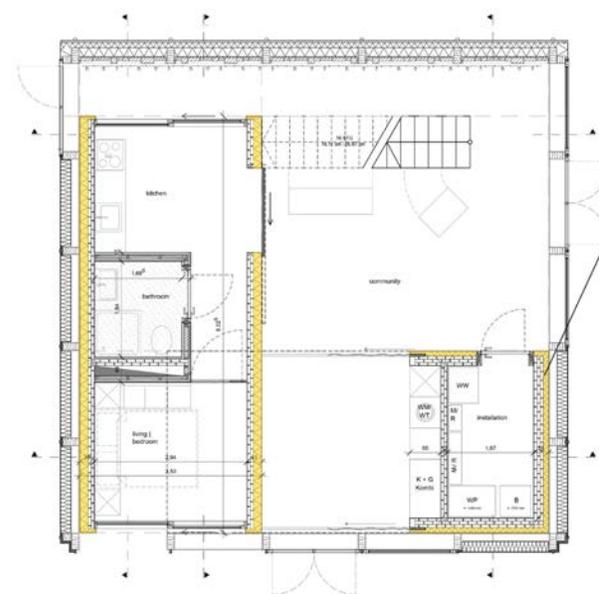




Holzius Massivholzelement



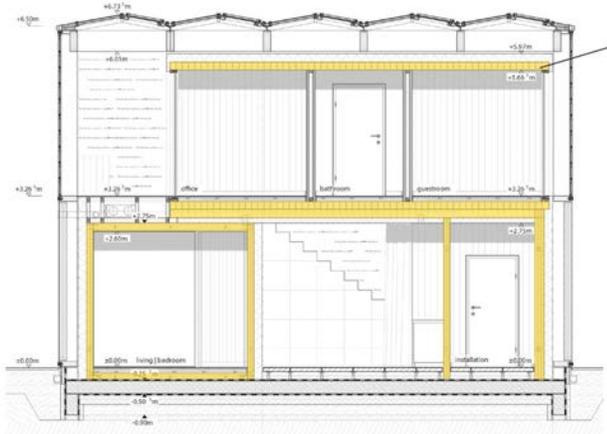
• | Figure 11 Grundriss Holzius Massivholzelement



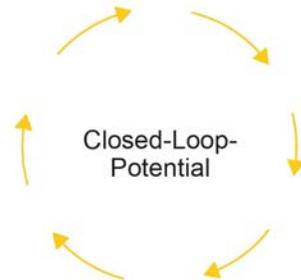
Korkdämmplatten



• | Figure 16 Grundriss Korkdämmplatten

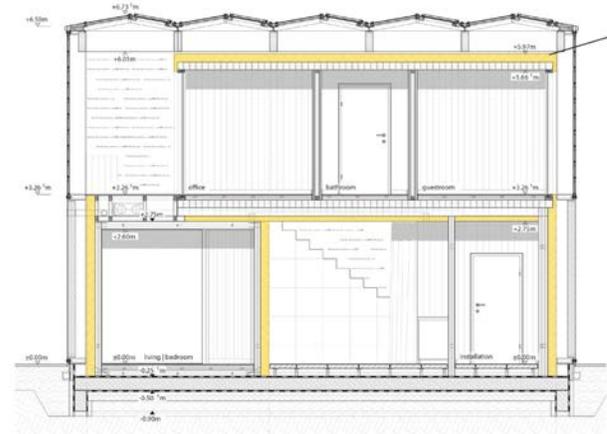


Holzius Massivholzelement

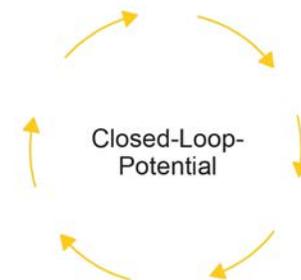


• | Figure 13: Closed-Loop-Potential

• | Figure 12 Schnitt Holzius Masivholzelement



Korkdämmplatten



• | Figure 18: Closed-Loop-Potential

• | Figure 17: Schnitt Korkdämmplatten



Nachwachsender Rohstoff



Recycling möglich



Downcycling möglich



Kompostierfähiges Material



Bereits recyceltes Material



wiederverwertbar



Abnehmbare/monomaterielle Verbindungs-konstruktion

Stoffkreisläufe





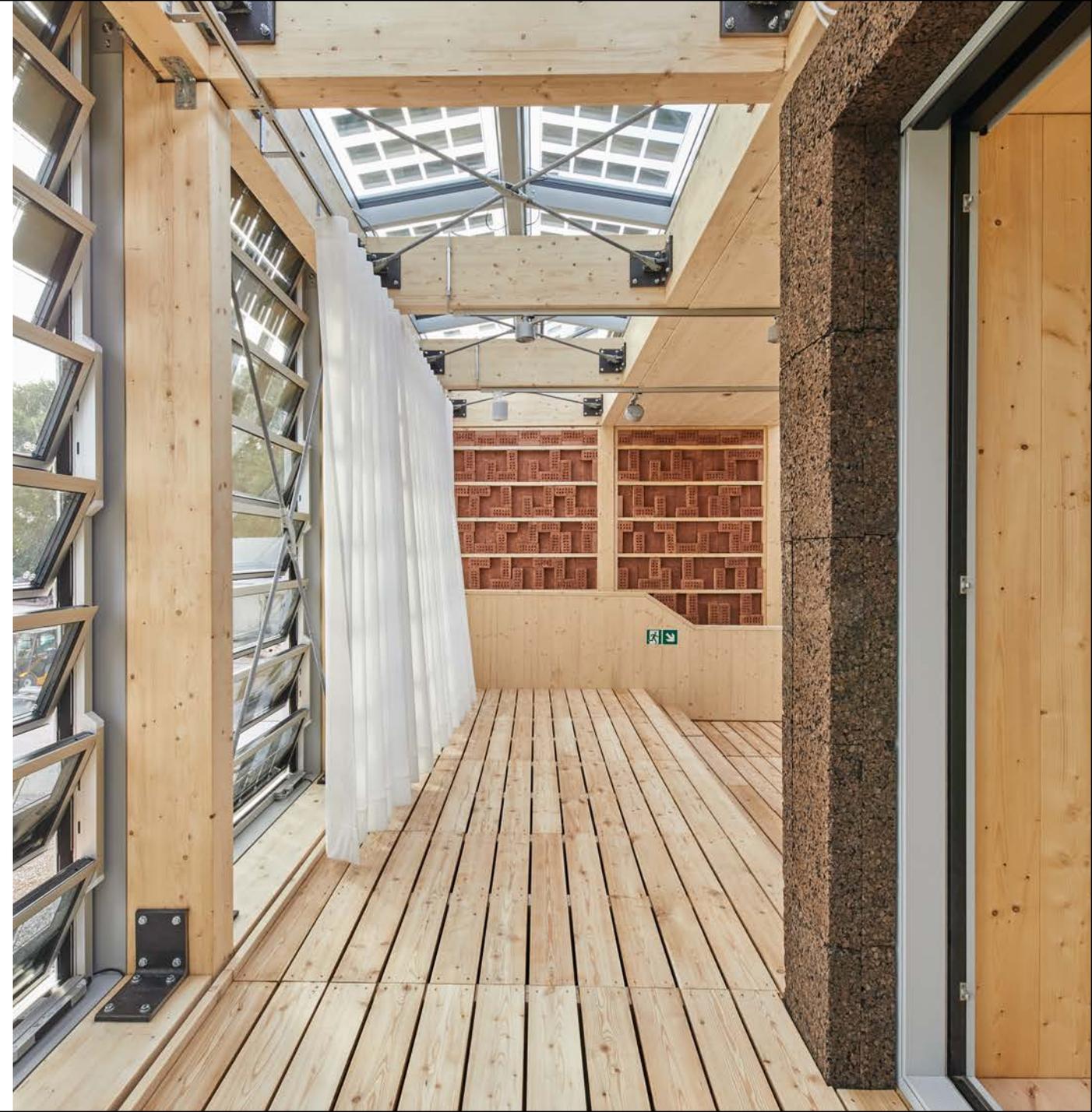










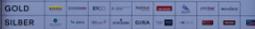


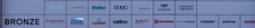


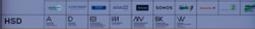
MINIMAL IMPACT
MAXIMUM OUTPUT

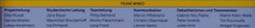
 MIMO

PUBLIC HSD 

PLATIN 

GOLD 

SILBER 

BRONZE 

HSD A D G W IV XV SK W





