

This is an interactive pdf, click on the following elements to navigate:

picture square



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cross



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pictogramm



introduction

architecture

impressum

## introduction

### The great density and the great emptiness

Thurgauerstrasse is an important axis between city Zurich and Airport Kloten. Both sides of the street are densely packed with houses - one side big office buildings, the other side residential settlements. But he high density does not bring great liveness to the street. The two monofunctional worlds run parallel to each other, leave the street space in between untouched, unperceived and unlived. Click the picture to see the function distribution on the street.

# Who needs the space and brings life to the neighborhood?

No longer valued by their original users, the rent of these office buildings is also sinking. This can be a chance for the people who normally cannot afford to stay in the ctiy. According to the statistic of the city Zurich, the manufacturing sector is driven more and more out of the city in the last decades. The close relationship between small manufacturer and inhabitants hat become rare since long, although it is still vivid in the memory of some people. Click the picture to see the statistics.

## Reuse the postmodern palaces with reused material

Not only the space, the representative post modern shell is also part of the story. Soon they will have nothing to represent any more as their original owners leave. But they are still speaking the old language which scare people off from alternative use. Is there also a way to'reuse' them, to live with them and love them? In this project, small and light structure out of reused material is appoaching the big stony blocks in a subtle way, injecting new character into them, converting them into space of (re)production, living and interaction. Click the picture to see a possible future scenario of the street.

## The empty spaces in the office buildings

Now the emptiness extend also into the office buildings. The grand atrium, once celebrated by the big international company is now underused; thousands square meters of offices is left by the users; the parking garages, range from five-storey underground and seven above, don't find so many cars to fill up their space and will not find them in the future as well. The climate change is gradually shifting our ways of living, and it must also change the way the spaces are used. Click the picture to see the empty spaces with reuse potential.

# The future of production is reproduction

The need of shifting to a circular economy is never so urgent. The manufacture would have to deal with the challenge of material reuse in the near future. Although the wastes are highly recycled in Switzerland, the potential of reuse is extremely underdeveloped because of many different factors. The space for production in the future should provide space and facilities which reduce the obscales of reuse. The huge volumn of parking garage can be adapted to a material hub, where the discrepancy bewteen supply and demand is balanced. Click the picture to see the situation of material reuse in Switzerland.

### House of reproduction

One building - The Gallaria is taken as example to show how such intervention could be. Steel structure from demontaged factory hall is built into the atrium, providing circulation and giving the space a new appearance that overlaps the old. The atrium becomes space of production as well as celebration. The circulation also connects the park house which is converted to a facility of material reclamation, providing the source for reproduction by ateliers in the house. Open workshops give possibilities of individual reuse, education program and promotes startups with innovative reuse ideas, which leads to future development in the whole street. Click to go to the main page of the architecture project.



possible future scenario of the street.

go to the main page of the architecture project.





possible future scenario of the street.





1995 possible future scenario of the street.

2001

2005

2008

-35%

2011 12 13 14

tuture development in the whole street. Click to

Source: INFRAS, Quo vadis Werkplatz?

ment density

The great densit and the great e Thurgauerstrasse is a big office buildings,



see the empty spaces

circular economy is

arance that overlaps

possible future scenario of the street.



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go to the main page of the architecture project.



possible future scenario of the street.

## the architecture

program

details

axonometric view

plans

elevation / section

catalogue of reuse

images



























































### 02001 folding gate with service door 2 x 2 Leaves







Catalog Number	Name	Function in new Building	Size	Material	Additional Information	Quan- tity	Source
02001	Folding gate	open workshop and Atelier in Ground- floor	H 5.7m B 6m	galvanized Alu	2x2 leaves glazed	14	Winterthur







### 02002 Sliding door 2 Leaves







Catalog Number	Name	Function in new Building	Size	Material	Additional Information	Quan- tity	Source
02002	Sliding door	Atelier first floor	H 3.2m B 3m	greypowder coated Alu	2 leaves glazed	12	Aargau











03003 spiral staircase 03004 glass brick





Catalog Number	Name	Function in new Building	Size	Material	Additional Information	Quantity	Source
03003	spiral stair- case	staircase 5 to 6 floor	H 3.75m, D4.36m B 1.2m	Steel	need additional railing	4	in situ, east facade
03004	glass brick	balustrade east facade, roof terrace	H 0.19m L 0.19m B 0.08m	glass		100m <sup>2</sup>	in situ, east facade





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$\frown$	1st F	loor			
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$\frown$	2nd	Floor			
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$\frown$	4th F	loor			
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$\frown$	5th F	loor			
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$\frown$	6th F	loor			
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## Impressum

Data source: Salza, Matériuum, 2020: Wiederverwendung Bauen, Im Auftrag des BUndesamtes für Umwelt BAFU. Wälti C., Almeida J. 2016: Ent-Sorgen? Abfall in der Schweiz illustriert. Bundesamt für Umwelt, Bern. Umwelt-Zustand Nr. 1615: 46 S. INFRAS, Quo vadis Werkplatz? Entwicklungen und Perspektiven von Industrie und Gewerbe in der Stadt Zürich. 2020 Stadt Zürich Statistik Hoch Parterre Themenheft: Das neue Gewerbehaus, 2015 Bürohaus, leer, sucht . . ., NZZ, 03.01.2017, https://www.nzz.ch/wirtschaft/viele-freie-flaechen-in-zuerich-buerohaus-leer-sucht--Id.135774> Stadt Zürich Stadtentwicklung, Gewerbefreundliche Stadt Zürich, 2010 Stadt Zürich Stadtentwicklung, Das Gewerbe in der Stadt Zürich. 2013

Acknowledgement:

Many thanks to all the people who very kindly answered my interview questions and gave me many inspirations. Without your help this work wouldn't be possible.