

DESIGNING NEW STABILITIES

Results from research and student projects for the industrial site Munichtal







BACKGROUND AND MOTIVATION

When thinking of the Alps, most people associate beautiful mountainous landscapes, Alpine agriculture, tourism or winter sports. The term "industry" is probably not initially connected to the Alps. However, the Alpine region is one of the most important industrial sites in Europe.

Industry in the Alpine region developed mainly in the 19th and 20th century, but its importance is still greatly underestimated. This development of Alpine industries was favored by raw material deposits such as ore or minerals, by a surplus of labor or by the use of hydropower for high energy production. Depending on local and regional conditions and potentials, various industries have emerged, such as the aluminum, chemical, magnesite, steel or textile industries (Bätzing 2003: 136 ff.). Another important influence on the development of the industrial sector in the Alps was the supply and equipment of technical infrastructure, especially with rail-bound infrastructure. From a European perspective, the Alpine region is an important trade link from north to south and vice versa. Many European transport corridors run through the Alps. Valleys with good access to the transport network were then and are now important transit routes for the transport of industrial goods.

Due to the massive exploitation of resources in recent decades, many of these sources have been depleted or even wiped out, leading to a decline in the traditional heavy and manufacturing industries. As a result of the increasing automation in mining and production processes, fewer workers were needed in the industry. Therefore, shrinking population can often be seen as one reason for the retraction of industry.

In many regions the decline of industry left former production landscapes of significant size and complexity, so-called Alpine industrial landscapes. Their potential value in terms of their sustainable transformation is closely linked to the Alpine-wide environmental, economic and social key challenges, such as the renewal and improvement of blue and green infrastructure, the reactivation and improvement of regional economy and the promotion of local identity and culture heritage (trAlLs 2018: online).





trAILs - THE EU-FUNDED PROJECT

The INTERREG Alpine Space project called "trAlLs - Transformation of Alpine Industrial Landscapes" deals with the lack of information on brownfields in the Alpine area. It generates knowledge about Alpine industrial landscapes and shows how such sites can be transformed and how the awareness for the topic, which will gain more and more importance in the future, can be strengthened.

trAILs - THE STUDENT PROJECT

The EU-funded INTERREG project "trAlLs - Transformation of Alpine Industrial Landscapes" provides a framework for the interdisciplinary collaboration of researchers. At the same time it creates an environment for interdisciplinary cooperation of students of the academic project partners.

At TU Wien, architecture and spatial planning students dealt with the industrial landscape of Munichtal in Eisenerz. The aim of the interdisciplinary course was the conception of development paths for the partly obsolete area and the existing buildings. At the same time, the student projects try to respond to regional needs, objectives and expectations and put them in the center of the analysis and the development of ideas. The multi-scale concepts and the interdisciplinary elaboration of the drafts show development paths for the industrial landscape itself and present new ideas for Eisenerz and the region.

The development paths shown in this publication should not constitute concrete project proposals for the industrial landscape and the region. They rather serve as a base for communication and discussion of existing opportunities. The visual presentation of the project ideas strives to highlight local potentials and to transform apparent weaknesses into possibilities by means of reconfigurations. By tangible examples of implementation on site, the projects get enriched as bases for planning and decision-making.



CONCEPT VISION

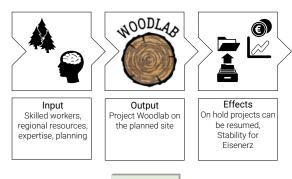
The "Woodlab Eisenerz" project redesigns the industrial site, in the north of Eisenerz, into a modern and friendly working environment. The main task is to solve some of the key problems of the population decline in the area around Eisenerz. The biggest problems are a lack of jobs for young people, low educational opportunities for adults and a shortage of skilled workers in the region. In addition, Eisenerz still has the image of an industrial city. This project will bring stability to Eisenerz and its residents. Through for example municipal tax the city will be able tackle other problems, this project can not solve on its own.

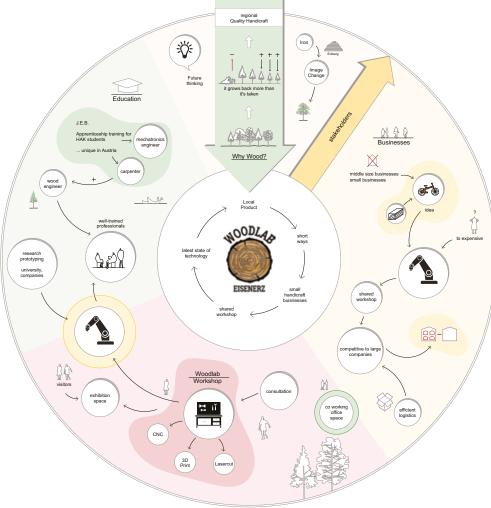
The Woodlab is a network, in which businesses, universities, schools and research institutes that involves wood processing are joint together. In this network professionals can be contacted, advanced courses are offered and the members have modern equipment for wood processing at their disposal. Through this network exchange of knowledge is easier accessible and every party will profit from it.

The redesigned site is used by small to medium-sized businesses from the wood sector. The heart of the project, the Woodlab Workshop is located in the former Alumelt hall. The already existing cooperation between "HAK" and the "Jugend- und Erwachsenenbildungszentrum" will be further expanded, which means that more apprenticeships in the wood sector will be offered. The image change will be created by the fact that the mainly used material is the regional resource wood. In addition, only electric vehicles will be used to distribute the goods on the site, which will drive as autonomously as possible. The supply and delivery will be done collectively, saving costs and time. The logistics and transportation on site are environmentally friendly and the buildings are formed sustainable for the future.

KEY PROBLEMS



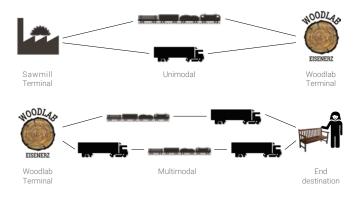




LOGISTICS

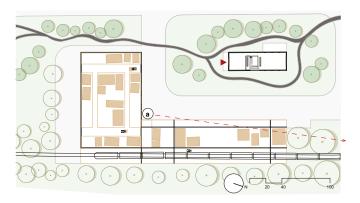
The network will organize an efficient and collective way to transport the raw materials to the site and a combined transport of the finished products so that the goods arrive at their destination in the most environmentally friendly way. "Innofreight" a regional company developed a concept "Woodlogistic" to optimize the transport of wood. They developed wagons that are optimal for the transport of wooden goods. These are constantly being further developed and could be operated autonomously in the future. Furthermore, there is the possibility to receive financial funding for combined transport at national level.

For local transport, environmentally friendly vehicles, such as electric forklift trucks, will be used. Possible transport chains are shown here:



The Woodlab project is to be realized on a site of approximately 110,000 m2. It is located northwest of the city centre. Most of the existing buildings that are on the site can be easily adjusted to the Woodlab concept. But it is in need of a reconstruction and a few new buildings that can offer the necessary space. In the end this project will offer more than just new space, it offers advantages and opportunities for all actors involved.

WAREHOUSE







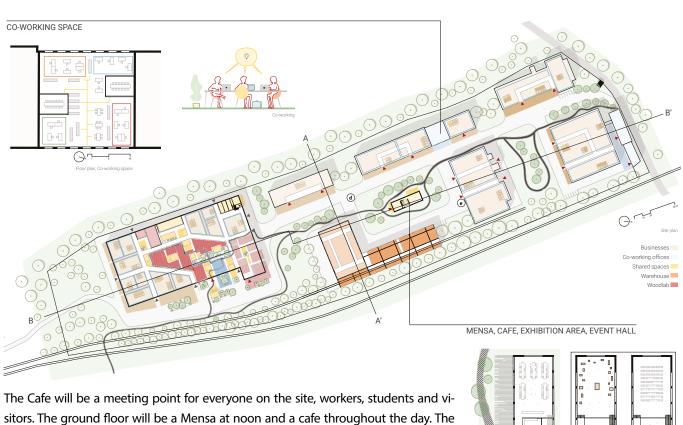
VISITOR TRAIL





EXHIBITION AREA





The Cafe will be a meeting point for everyone on the site, workers, students and visitors. The ground floor will be a Mensa at noon and a cafe throughout the day. The gallery will offer more seating. The upper floor is multi-functional. The members of the network will have the opportunity to exhibit their masterpieces. Furthermore, it can be turned into an event hall for events concerning wood or a Network meeting. The building is equipped with an elevator, so it will be accessible for all people. The Cafe and exhibition area are also a part of visitors trail. The project Woodlab focuses on exchange and knowledge transfer between everyone involved. In order to make this possible, certain premises must be offered. As well, cost- effective variants are an important factor of this project. Thus, the offices will be designed as co-working spaces.



GF. Cafe and Mensa

Event Hall

THE HALL

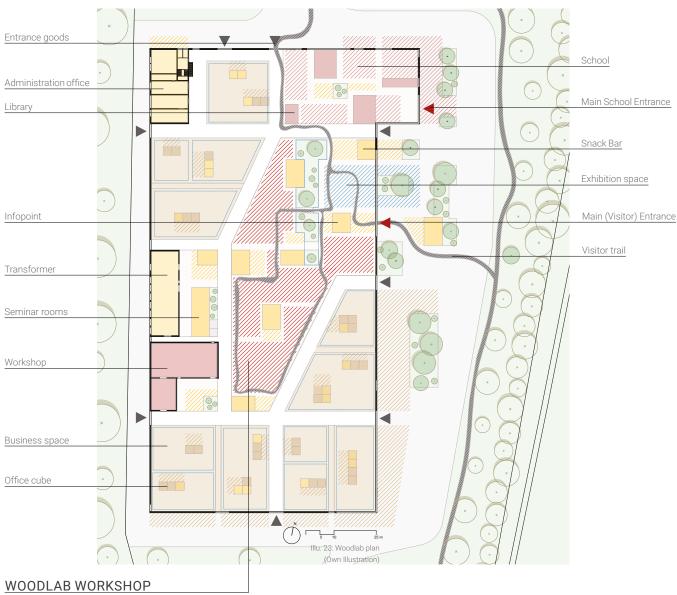
The hall forms the main element on the site, because the Woodlab Workshop with its equipment is located here. The administration and logistics department of the Woodlab will find their space in the already existing offices in the hall. In contrast to the site, small businesses with a maximum of five employees can rent space in the hall and use the common rooms such as seminar rooms or workshops. Additionally the school is located in the hall. The students will have the opportunity to gain practical experience at the local businesses. The businesses will benefit by being able to hire young employees, who are already acquainted with the equipment that will be used in their daily work. The hall itself is built like a city. There are main streets and side streets, private and public spaces, as well as built-up and open spaces.

The businesses may design their area as they wish, but the hall should always show a certain openness and transparency. For this reason, only a limited amount of solid materials are used as space-forming elements.

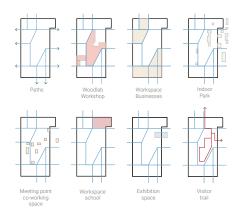
WOODLAB WORKSHOP



USE



CONCEPT HALL

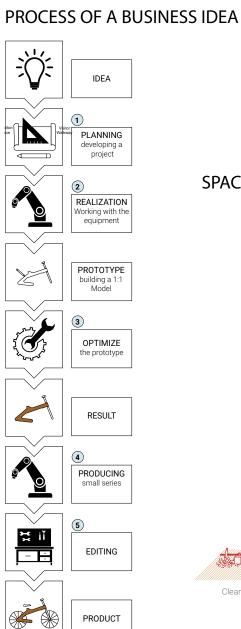


WOODLAB WORKING-SPACES



WOODLAB INDOOR PARK





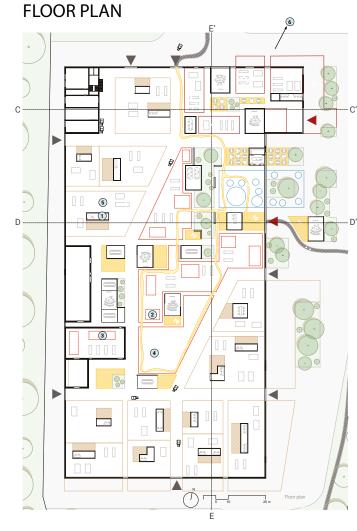
DELIVERY

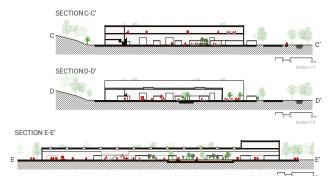
SPACE-FORMING ELEMENTS



ZONES



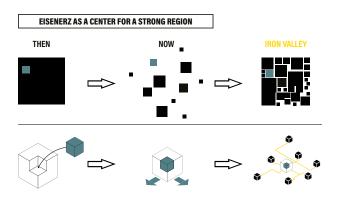




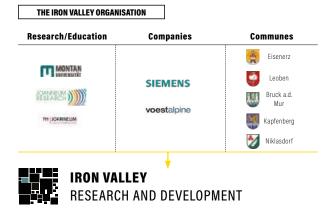
IRON VALLEY

Josefine Mochar Niklas Kirstein Magdalena Oppel





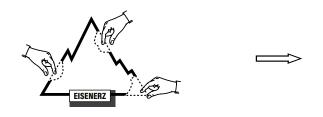
Eisenerz could once be seen as an important piece in a very prosperous and dynamic region that included other communes deeply involved in the montane sector. As of now, this connection seems lost and each town finds itself in a battle for survival. Therefore the overall goal must be reconnecting the region and thereby reducing individual dependencies on single resources. A strengthened Eisenerz can act as a central location and anchorpoint for a strong network, branded as IRON VALLEY.



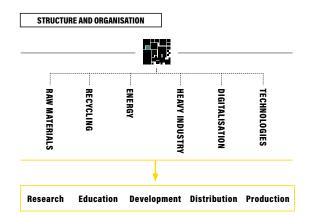
To further emphasize the regional and sectoral connection, key players of the sorrounding area will make up the main core of a newly founded research and development organisation, based in Eisenerz. This organisation will work on the elements of resource production and processing, with the main goal to help transition the sector into a bright and sustainable future.

THE MONTANE FUTURE

THEN & NOW

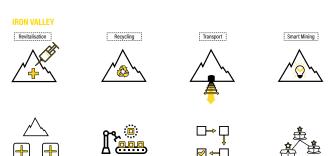


Upon further reflection the montane sector is deeply embedded in the regions identity and self-conception. But up to this point in Eisenerz' history the main focus in this field seems to lay on the mining and dismantling of the iron sources - a state that is neither sustainable for the environment, nor does it provide a reliable perspective for the town itself. The end of iron mining in this region is foreseeable. Nevertheless, the montane know-how and location of



The Iron Valley Organisation is structured in six **main fields** that derive from the expertises of the included players.

Five divisions further structure the organisation to cover a broader and more sustainable business approach.

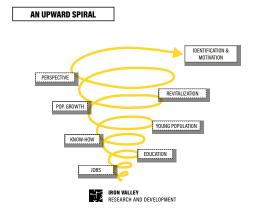


Processing

Eisenerz and the "Iron Valley" allows for a much brighter future, a future that provides **smart solutions**, **sustainability**, **efficiency**, **longevity** for the montane sector and connected production and processing chains. A future that needs to be discovered and spread into the world.

Production

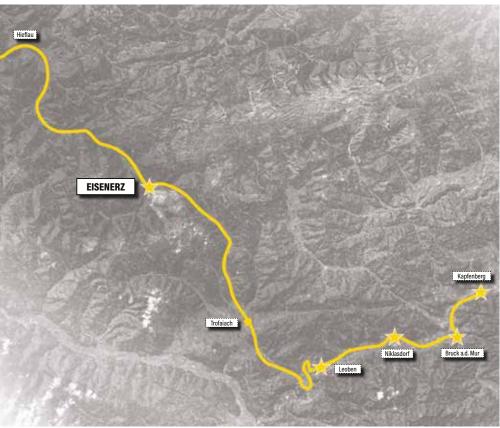
Alternatives



By implementing the IRON VALLEY ORGANISATION local and regional synergies and effects will occur and strengthen Eisenerz both in the short and in the long run. This will not only affect the infrastructure and economy but also the demographical and social stability.



THE CONNECTED REGION

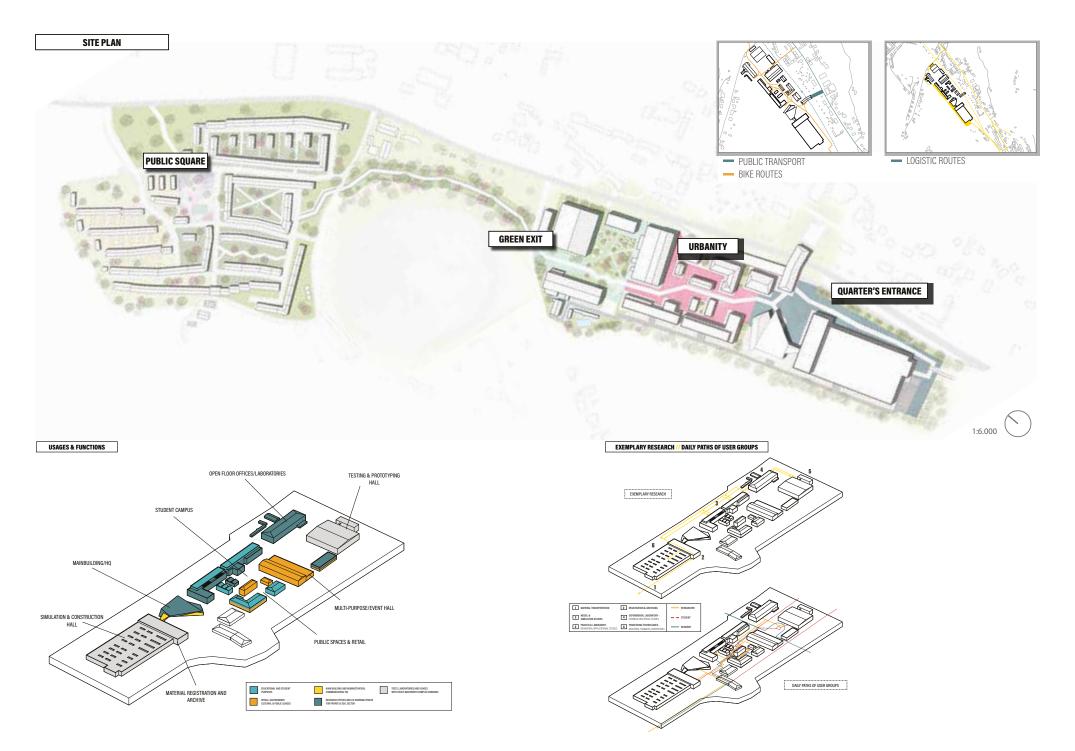


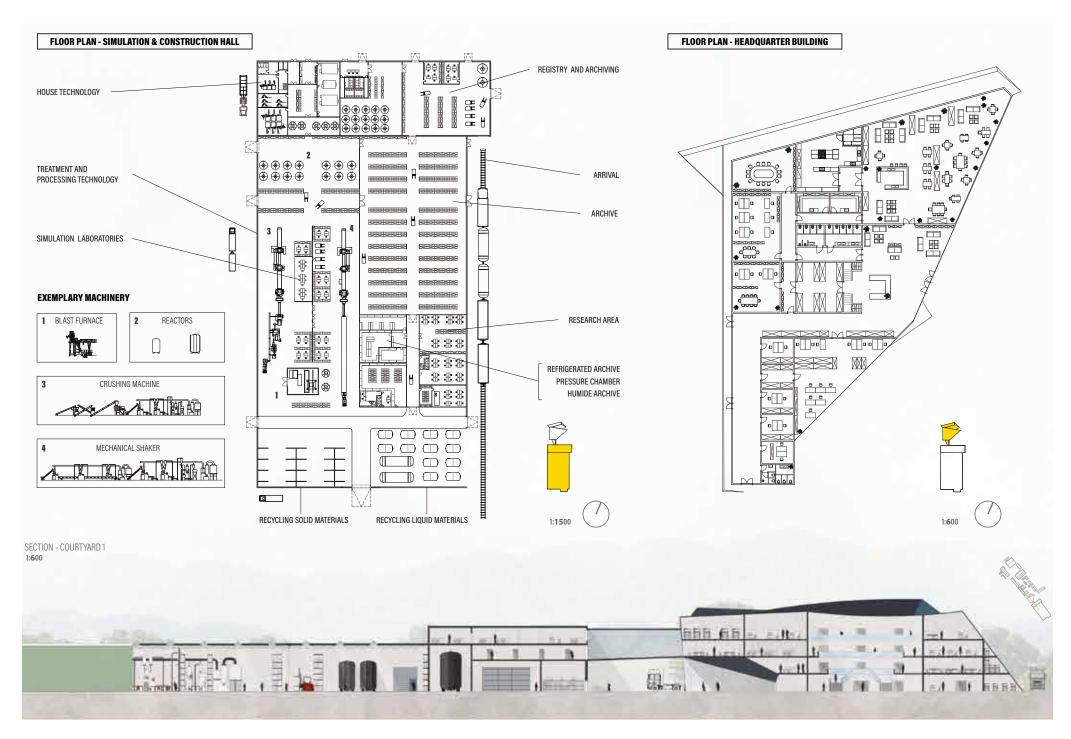
As proposed, the infrastructural connection between the mentioned communes is of utmost importance. Eisenerz, as the projected center of the IRON VALLEY, should therefore be a role-model in regional and local transport. On a regional scale, the newly integrated and technologically advanced automated busservice VALLEYWAY grants simple and pleasant commute for inhabitants and visitors alike.

The local **ERZBERGTRAM**, a modern homage to the abandoned Erzbergbahn, reuses the existing railway system for a quick, easy and accessible linkage between relevant town structures. Additionally an extensive bike-sharing system completes the local mobility system.

On closer examination of the city of Eisenerz three built structures are eye-catching. These dominating and prominent structures are directly connected to the rich history of Eisenerz itself, as they are rooted in the industrial production and the historical uprising of the town. Each of these structures enables a unique interaction with spatial situations. As the incorporation of the mentioned key players is very important for the further development of Eisenerz, the industrial structures serve as a starting point for business and research activities.

ANALYSIS AND APPROACH: THREE TOWN STRUCTURES - THREE PHASES OF DEVELOPMENT EXISTING STRUCTURES OF INDUSTRY EXISTING STRUCTURES OF WORKERS' EXISTING STRUCTURES OF THE CITY REACTIVATING EXTINCT RENOVATING AND REACTIVATING SYNERGIES REVITALIZE OLD TOWN STRUC-HOUSING CENTRE AND OLD TOWN INDUSTRIAL STRUCTURES EXISTING HOUSING STRUCTURES TURES TIMELINE **PHASE 1** Renovating the industrial structures | Additional Buildings; Headquarter and officebuildings | courtyard design | Regional and local infra-Renovating and refurbishing old town structures and objects | Integration of small businesses and young start-ups | structural connection Integration of retail and gastronomy YEARS_ Reuse of touristic apartments | Renovating the old worker's housing structures | Landscape design | Shuttleservice PHASE 2 PHASE 1 - A NEW QUARTER FOR THE IRON VALLEY ORGANIZATION | WORK AND RESEARCH STEP 1 - MAKING USE OF/ACTIVATING AL-STEP 2 - CONSTRUCTIONAL ADDITIONS STEP 3 - DISTINGUISHING SPACES COURTYARD I - THE QUARTERS COURTYARD II - URBAN DENSITY AND **COURTYARD III - GREEN EXIT** READY EXISTING COURTYARDS STRENGTHEN THE 3 COURTYARDS THROUGH UNIQUE QUALITIES ENTRANCE AND INFRASTRUCTURAL HUB URBAN QUALITIES CONNECTING PHASE I AND PHASE II PHASE 2 - RECYCLING OLD STRUCTURES WITH EMPHASIS ON LIVING AND LEISURE PHASE 3 - REVIVING THE OLD TOWN WITH YOUNG BUSINESSES AND PUBLIC USAGE STEP 1 - CONNECTION TO PHASE I ALONG STEP 2 - CENTRAL SQUARE SUPPORTED BY NEW STEP 3 - DESIGNING NEW PRIVATE STEP 1 - IDENTIFYING VACANCY AND STEP 2 - RENOVATING UNITS AND ALLOWING STEP 3 - VARIETY OF BUSINESS AND SHOPS SLAG MOUNTAIN BUILDINGS AND PUBLIC GREEN SPACES SPACES FOR LEISURE AND RELAXATION POTENTIAL UNITS YOUNG START-UPS/RETAIL TO MOVE IN CREATES A VIVID TOWN NETWORK





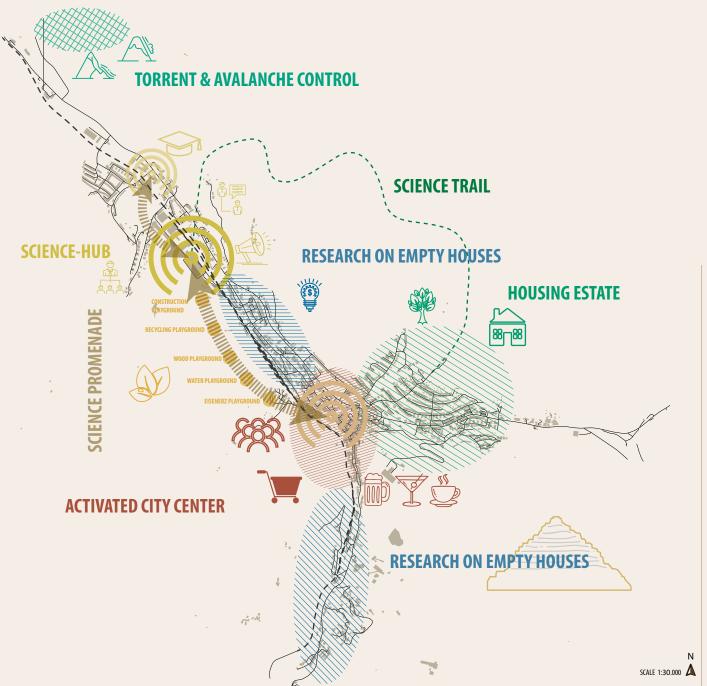
RE&UP CYCLING THE CITY Philippe Kayser Anita Kafka Guillaume Fenard



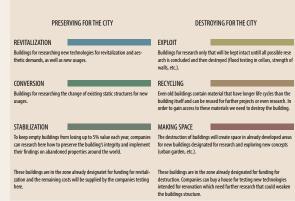
WHERE? THE SITUATION THE PROBLEM DEMOGRAPHIC DEVELOPMENT POPULATION 12000 10000 FMPTY HOUSE OCCUPIED HOUSE THE SOLUTION FUNDING FOR DESTRUCTION OF HOUSES FUNDING FOR RENEWING PROPERTY OF THE HOUSE TURNED OCCUPIED HOUSE INTO PUBLIC SPACE HOUSE USED FOR RESEARCH RESEARCH THE SITE AS INITIATOR

With the drastic demographic changes Eisenerz has encountered during the last years, abandoned houses and shops determine the atmosphere of the city. As the iron production is not as flourishing as it used to be, Eisenerz lost a large amount of workplaces since a big part of the production has been replaced by machinery. As a consequence, a lot of people are leaving Eisenerz for Leoben, Graz or even Vienna because the work market is much more attractive and the cities have more to offer than empty stores and a city centre that is far away from its prime days. Our concept sees the implementation of research as the first part of the solution. As the development plan of the city defined two different zones, where on one hand one gets funding for the destruc-

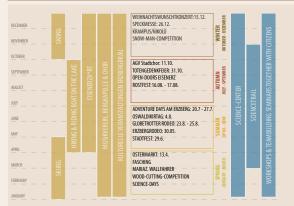
tion of houses and on the other hand one receives money for the renovation of houses. We see the bundle of vacant buildings as a huge opportunity. Lots of people are already researching in a field called, recycling architecture" and have the goal to discover new ways of how to renovate houses, improve the methods of destroying houses and recycle the material. Further we want to combine that knowledge with the experience from people of Eisenerz as well as tourists. Therefore we want to transform the AIL into a new Knowledge-HUB, where people can meet, discuss, experiment and have a good time. As we are creating new perceptions from old buildings and are bringing experts and inhabitants together, we name our project RE&UP CYCLINGTHE CITY.

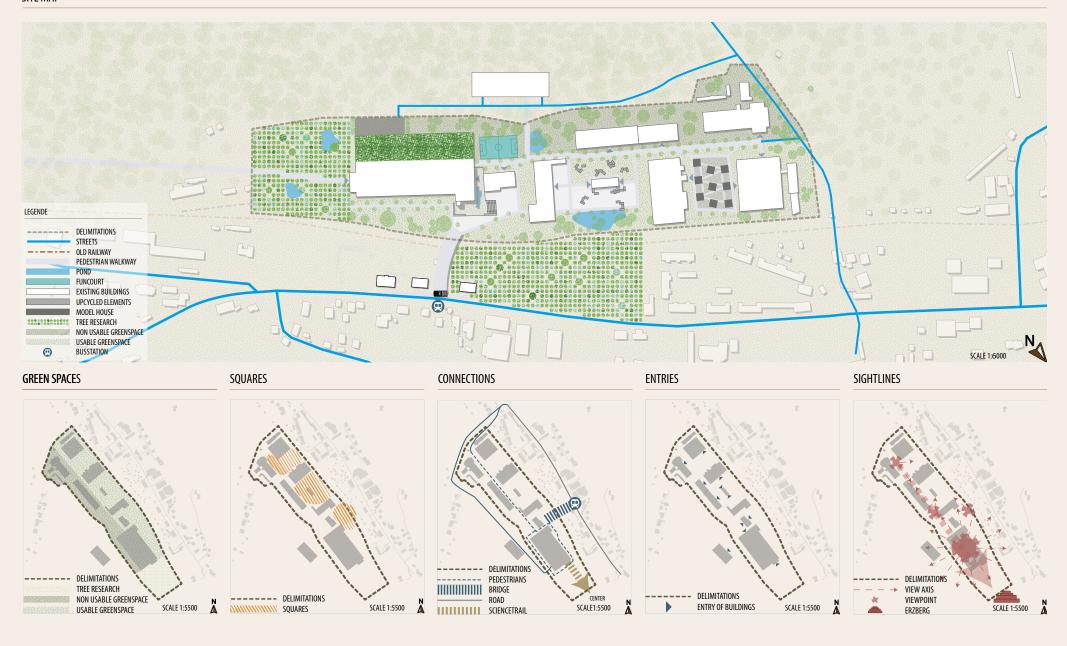


THE CATEGORIES



THE EVENTS





THE SCIENCE CENTER

BUILD YOUR KNOWLEDGE FROM THE **FOUNDATION UP** AT THE SCIENCE HUB!

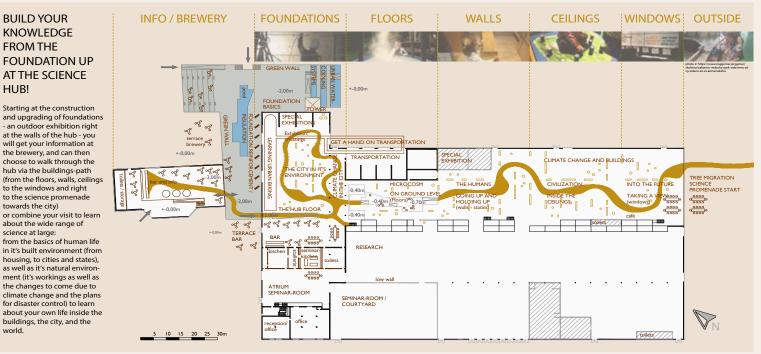
Starting at the construction and upgrading of foundations - an outdoor exhibition right at the walls of the hub - you will get your information at the brewery, and can then choose to walk through the hub via the buildings-path (from the floors, walls, ceilings to the windows and right to the science promenade towards the city) or combine your visit to learn about the wide range of science at large: from the basics of human life in it's built environment (from housing, to cities and states), as well as it's natural environment (it's workings as well as

the changes to come due to

for disaster control) to learn

buildings, the city, and the

world.



THE RECYCLED ROOFTOP AND INTERIOR





THE INFOPOINT WITH BREWERY



THE MATERIAL CONCEPT



ALL THE WOODEN DOORS



Residents and visitors are coming together to give the new ceiling their individual touch in an at first very simple structure, and learn from old and new techniques of woodwork.





The workshops explore statical systems for conventional housing and renovation as well as going to the limits of statical constructions when creating life-size art installations.





Professionals find new ways as residents try to merge memories forged by looking through the windows of the town into a large structure bringing in the light to the new science hall.





At the science center old materials and furnishings are being explored for their possibilities. Be it restoration or going to the limits of their qualities.

The brewery revels in it's unique style made i





I heard so much about the new Science HUB in Eisenerz. Let's go and see what they have to offer!

THOMAS`STORY AT THE HUB



The science hub is slowly coming into shape as Thomas visits the site for the first time. The first exhibition to see is the still working aluminium-recycling-center next to the old hall, but the hub is already collecting and evaluating old materials and furnishings found there as well as in the abandonend apartments of the city. From the newly erected tower, made out of the old windows of part of the roof of the hall, he is able to watch the revitalization of the building and the construction of the new roof, made out of recycled material.

While the first seminars are being held in the research-part of the hub, citizens and researchers are sorting the old materials to establish the focus of the historical exhibition.

There is a lot to be found and older residents start to share knowledge they formerly deemed uninteresting, as kids and visitors alike start to ask them about craftmanships and remnants of living conditions found at the research-houses. Only a few months later, the kids have first hand possibilities to learn about

the construction and renovation of houses, while the hub around them is morphed into an exhibition area. With knowledge, every detail of the old hall becomes an expedition of it's own, and while improvised structures – like the brewery – turn into lasting, revitalized focal points where visitors and residents meet over the course of the day, new challenges make for new exhibitions.

More and more Thomas's knowledge widens, with his family's spreading interests and exploration of the science hub, forming new friendships and conversations.

After all these years coming here, the hub has become for Thomas a well known old friend, with every detail familiar, and yet still up to surprise one with new facets being highlighted with every exhibition and the evolving seminar's held, attracting speakers from around the world.

SECTION OF THE HUB



PLAYGROUND REFERENCES











CONSTRUCTION PLAYGROUND

EISENERZ PLAYGROUND

WATER PLAYGROUND

THE STORY OF THE PLAYGROUNDS

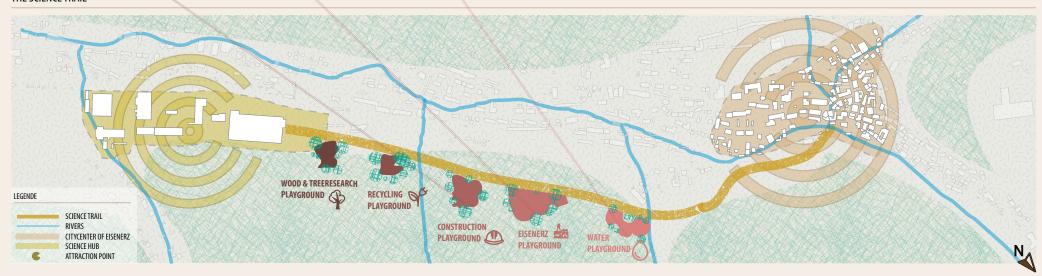


The science promenade makes a link between the science center and the city, Playgrounds and experiments conduct the visitor from one point to the other with fun and knowledge. These different areas are the result of much research and are teasing what we can find in the science hub.

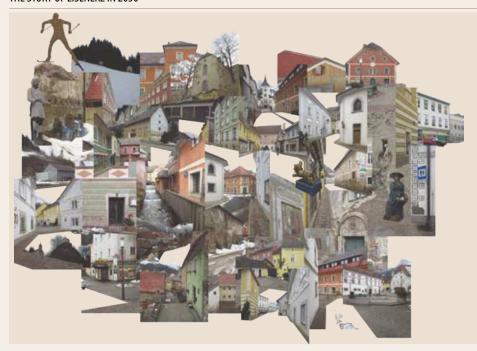
With all of their senses activated, my children are learning more easily about the world. This time the challenge is to combine the knowledge to recycle material into playgrounds with the wisdom of how to keep kids entertained and educated, as well as the knowledge of science in the fields of history, water-economics, construction sites, biology, and recycling itself. It is important that the sites still stay playgrounds that the kids can also enjoy without having the stress to learn something or pass a test, but rather having the opportunity to choose between fun and learning or finding combinations of both for themselves.

As with most education for kids, it is very often the parents and grandparents that also get engaged in the playgrounds designed for learning, and these sites provide them with a relaxed way to refresh their knowledge or engage once again with the wonders of science.

THE SCIENCE TRAIL



THE STORY OF EISENERZ IN 2050



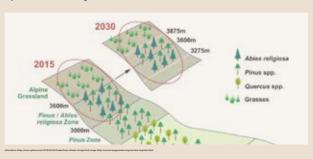
EISENERZ; MOVING ON TO 2050

With every new generation the focus on the qualities of Eisenerz shifts, and the knowledge brought into and born others about the solutions and problems they found, so that not just solitude out of the city let's it's citizens rediscover their home.

In 2049 formerly unnoticed houses have been renovated and have become a new attraction to the city, while faster morphing natural environment. In this way established communication others constant exploration has become a visiting point in their own right, like the excavations in Pompeji. Only between neighbouring cities gain new depht, as one faces a lot of similar probthis time people do not only come here to learn about the past, but both, the past's craftmanship in this region lems, and through connecting with foreign cities the region becomes aware of as well as the state of the art research developing at the moment. In this moment in history, the old generations the possible challenges of entering a new climate zone, already well known in have to team up with the younger ones to learn about their mounatins and forests from the start again, as tree other regions of the world. population is being adapted to the fast changing climate. This can also form a stronger bond between them again. It takes the combination of established knowledge from different viewpoints as It can be a first step to prepare yourself for the challenges coming due to climate change, so that your house (or well as the quality to adapt to a world which will be different from anything we city) remains the one standing after a hurricane like the one on mexico beach in Florida.

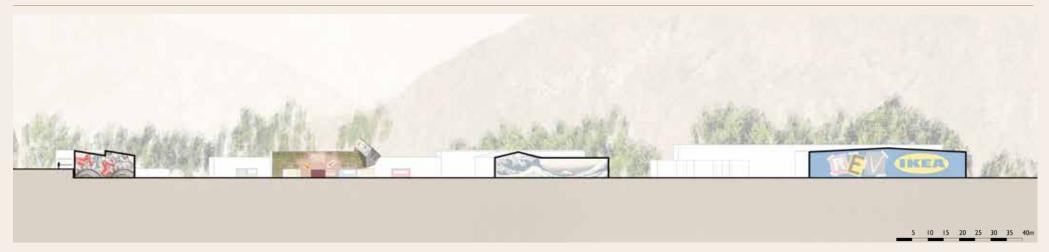
But like the owners of the mexico beach house, Eisenerz opens up on it's research, and collaborates with other cities and homeowners to learn itself and teach families remain, but whole changing and evolving societies in an increasingly

have yet met as humans, to shape a resilient city one enjoys to live in.





SECTION OF THE HUB



DESIGN THE DECLINE



AND THE REAL PROPERTY.	MIGRATION OF THE YOUNG						
	19%	15-34 years of age 2001					
10.0	14%	15-34 years of age 2016					
a contra							
0	29%	Seniors 2001					
	38%	Seniors 2016					



The **Erzberg** is a **memorial** of industrialization and the ruthless use of resources. Today's side effects are **job losses** through automation and therefore **huge emigrations**. It shows a way of life that is no longer compatible with today's conceptions of sustainability.

This emigration leads to a desolidarized aging society. Vacancies, unused infrastructure, deserted streets and lanes and public spaces left to cars draw a picture of hopelessness and dreariness that has extensive media coverage.











AGING SOCIETY

MIGRATION

LOSS OF RENT

REVENUE DECLINE

VACANCY



The ones who can afford it are leaving and old and socially weak people are left back. This reduces the tax revenues of the municipalities and social spending increases.

Due to the lower population numbers the proportionate costs for the infrastructure increase.





RESTART

Involvement of the entire community in the reconstruction is the only way to strengthen the image to the outside.

And more importantly:

Only by actively involving residents in the transformation, their identification with the community can be strengthened.



PERFORMATIVE PARTICIPATION

This particular participatory approach is characterized, firstly, by its action-oriented approach. Secondly, by its very location on the sites within urban public spaces. Participation, hence, is no longer limited to a communicative exchange on urban spaces, carried out amongst different stakeholders at local community centers. Rather, participation is executed as an immediate physical influence and shaping of public spaces through tangible on-site interventions led by local citizens or planning experts.

THE ROSTFEST AS AN IMPULSE FOR CHANGE

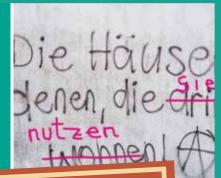
The main issue of the demographic development of Eisenerz is the exodus of the youth. The Rostfest, however, is a weekend where thousands of art lovers, emigrated "Eisenerzer" or people from outside come to the town. Now a contemporary infrastructure that motivates young Eisenerzer to stay is to be created and creative people, whether with connection to the Rostfestival or external, is to be created.



The creative work of the Rostfest is used and a program designed around the main themes of job loss, shortage of money and waste of resources.

This presentation of the problem fields will be the starting point and trend reversal at the same time.

Towards active performative participation and activation of youth, as well as the resulting increased identity of residents with their community.



This infrastructure serves everybody in town and provides a framework that enables creative people throughout the year to produce, exhibit and consume art and culture.

This means that the revival of the city will be extended from a few days to the whole year.





TIMETABLE

DAY 2 DAY 1 no jobs for no one Destroy what destroys you -Robots - how technology rebuild eisenerz makes us redundant

Who is losing his jo next? It might be you!

Work like in the old days an insight into mining

New ways of working -

You are needed - alternative ways of work

no money for no one

The beauty at the decay

Occupy vacancy - a guide

Movies 2022 - Let's build a cinema

We reuse the ruins and bring them to life

DAY 3 no nature for no one

> World record - We build the highest garbage dump

The yellow lake - we color the Leopoldsteinersee

Mining. How we destroyed our planet

Upcycling lost buildings. What to do with old roofs

DESIGN THE DECLINE



In 2005, the "redesign Eisenerz" development concept identified three zones that are no longer to be developed further.

It is precisely these areas that make it possible to develop contemporary art and youth infrastructure.

Why? the financial affordability, the large space, the given proximity to the center and the possibility of accurate noise intensity.







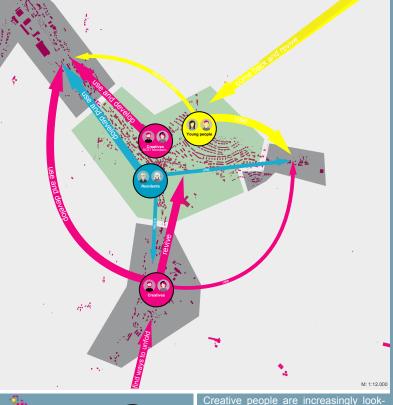
Without great investments these vacant buildings in these heavily affected areas are to be opened up for temporary use in the field of culture.

The revival of these areas also leads to a revitalization of the city center. Here, planning changes and smaller investments should lead to new impulses.

THE THREE ZONES AND THE PLANNED FOCAL POINTS

FOCUS ENTERTAINMENT, RELAXATION & CULTURI

- CAFÉ
- ROSTFESTIVAL, EVENTS
- EXHIBITIONS, ATELIERS
- WORK



FOCUS YOUTH CULTURE

- ARTHOUSE CINEMA
- BAR
- YOUTH CLUB

FOCUS APTISTS IN RESIDENCE

- SUMMERCOLLEGE
- ATELIERS
- WORKSHOPS
- LIVING SPACE
- COMMUNITY GARDENS

FOCUS REVIVAL OF THE CENTER

- RENOVATION OF TOWN SQUARES

- TRAFFIC CALMING

MEASURES

- MARKETS
- ATELIERS



Creative people are increasingly looking for experimental space and creative scope in the countryside. There, they push for domino effects, free up the power of innovation, bring resources to light that hardly anyone has perceived in the face of gloomy prognoses for the future

This brings together people who rouse rural regions from the shock of demographic change. This also brings us closer to what seemed barely compatible in the past, rural knowledge of the origin and the potential of new technologies.

THE EMBEDDING OF THE HALL

cept is the integration of the northeast of the center located, today vacant industrial

city structure. The current connection to the holiday area in the north is attracted led away from the main road. The given visual axis to the Erzberg brings Eisenerz to the center of the viewer.

From the west, the hall is accessed by a

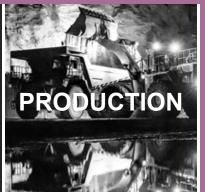
DISTANCES







DESIGN THE DECLINE

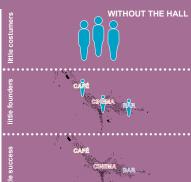


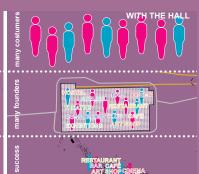
WHY IT NEEDS THE HALL

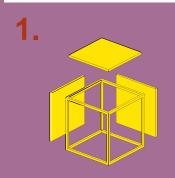
The barely existing pedestrian frequency and the associated **missing customers** make it almost impossible for artists, service providers and tradesmen to realize projects in the long term.

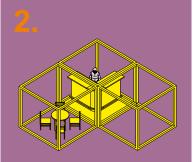
This dilemma is counteracted by creating a production facility for ideas and infrastructure facilities. The bundled collection of different concepts creates an attraction that brings new audiences to the city

city.
If the concepts work, the next step must be to establish them in the city.

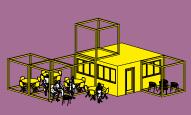


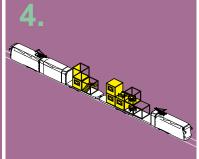






3.







DO YOU HAVE AN IDEA FOR A PROJECT?

JOIN US AND START YOUR PROJECT. WE OFFER SPACE, KNOW-HOW, AND VISITORS. LET IT GROW!

IT WORKS?
WE BRING IT
TO YOUR
LOCATION.

DONE!
YOU ARE
READY TO
MAKE IT
EVERYWHERE

ESTABLISHMENT OF CONCEPTS

The concept is to test ideas in the hall, develop them further and continue the finished, functioning projects outside the hall. This means that ideas can be introduced and implemented. Synergy effects and know-how of other project initiators and an art-affine audience provide a safe space for experimenting with the concepts. In this context, the last step can be taken from a good idea to an established brand.

FROM THE HALL TO THE CITY

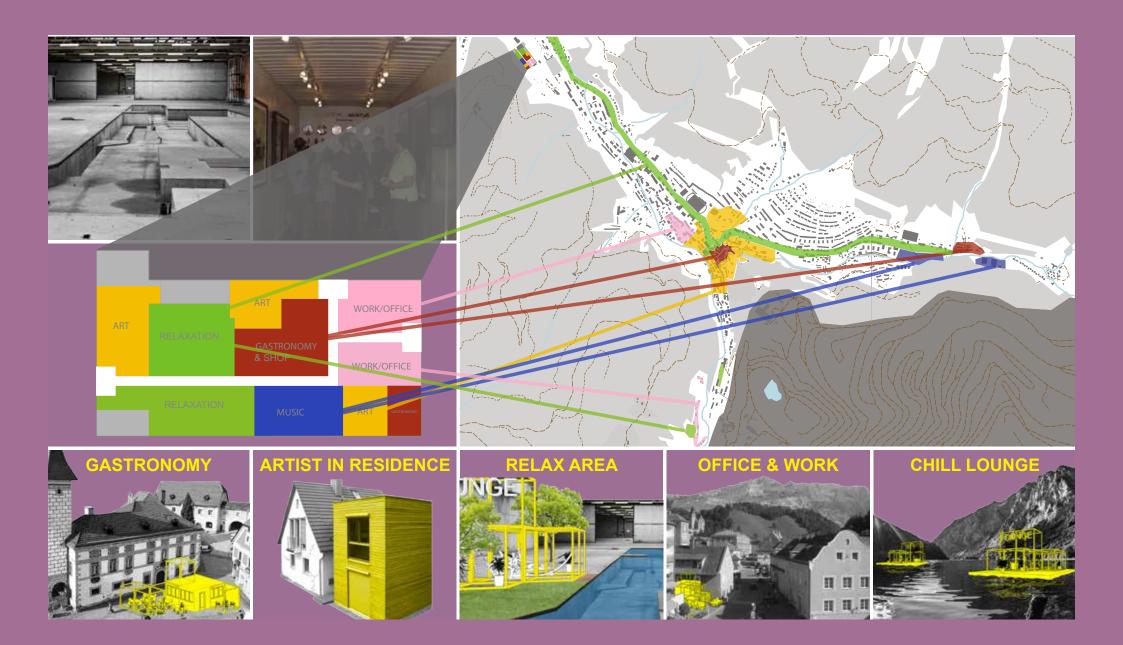
The necessary structures for the projects consist of 2.5 x 2.5m cubes. These can be arbitrarily combined, moved and reassembled.

The existing railway line enables these modular volumes to be transported to Eisenerz but also to any other desired destination.

Daily Coffee





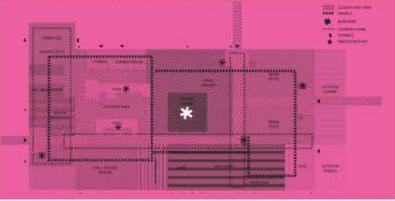


DESIGN THE DECLINE



The former production hall presents itself as a playful structure without a programme. There is only a frame with the internal "infrastructure" in it, but everything else can be moved, adapted, destroyed, dismantled and reassembled in order to fit the specific and momentarly needs of the user at any given moment. Everything is modular, except important structuring elements and zoning that pinpoint specific uses. This represents a contrast to the current situation where the old rigid buildings cannot adapt to the shrinkage of the city.

In order to make it easier to build the smaller structures that accommodate the needed functions, a modular system was adopted. The frame of the wooden cubes - 2,5m in edge length - are the building blocks. For the successful implementation of the project, it is important that people participate. It needs to be made by them in order to feel as it belongs to them.



SKYWALK & CRANES

The main mad melved is genpain model by advisors. The view four alcown on the different attractures of the field shows represpectives on tark shoes at maintained, attacks att. A comcan crown for modelins and timing ment to the featuring point.

MODULAR STRUCTURE

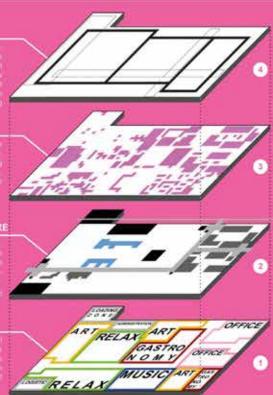
in these structures, the modularcobin can be arranged actionary commed and stacked, resulting in a veriety of uses. To addition these can also be taken out of the fall, to very place.

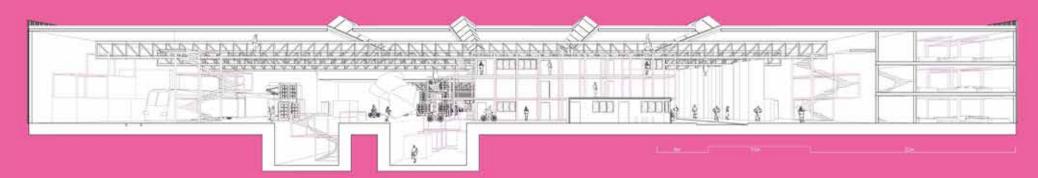
PERMANENT STRUCTURE

The introduct of puttin, two poems as central meeting specific the form of the forestful Extrang and some office investigated Extrang and some office) and opening considerations. The office area in pre-built, par-

BINDING ZONES

A usage part that zones the full lists different areas. Small essent and highly frequented uses are scaled around the common man full manage of the full file indigo of the full.





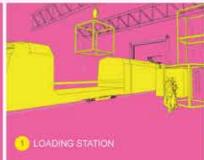
CATALOG

A catalogue has been put together with variations of structure possibilities. It serves as a guideline for the lirst assembles that populate the hall.



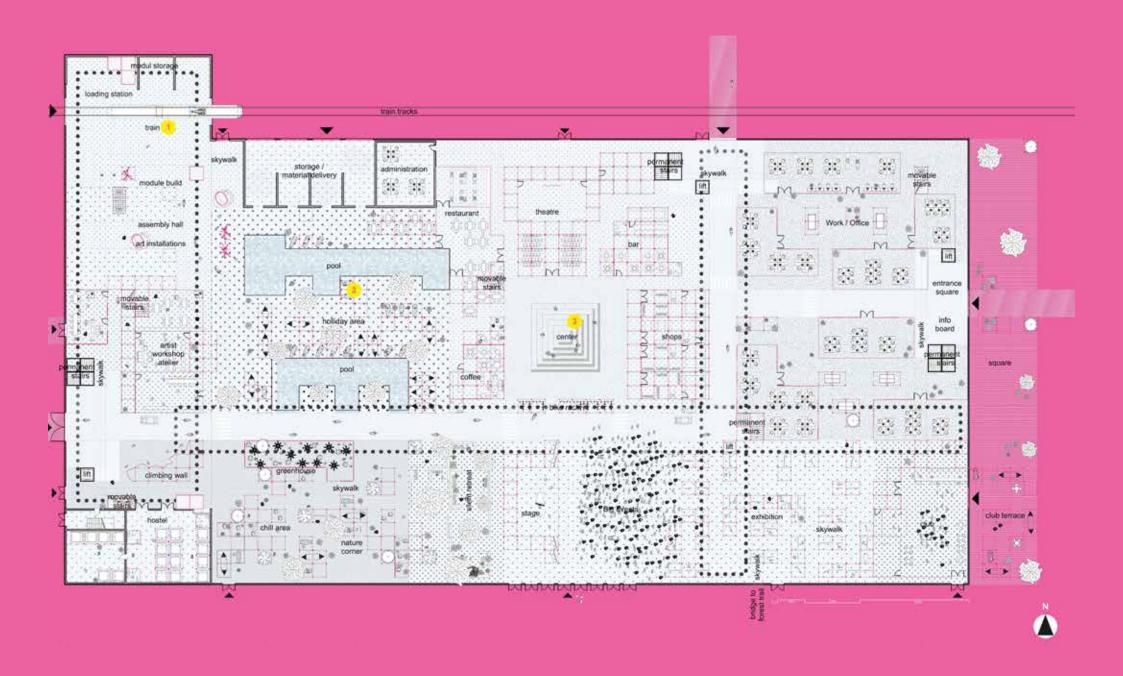












INSIGHTS AND RECOMMENDATIONS FOR THE FUTURE

The highlighted development paths and the discussions with local and regional representatives in the context of a workshop in May 2019 allowed the planning consortium to summarize recommendations for action and necessary steps for the obsolete area and region, which can initiate a comprehensive use of the area:

- The environmental and tourism compatibility as well as the ecological and economic sustainability in the transformation process have highest priority.
- The use of local resources (raw materials, space, knowledge, networks) should be strengthened.
- The diversification of the economy is necessary. Not only the search for big companies
 as in the past, but also the attempt to attract small and medium-sized businesses can
 be useful.
- The transformation process has to be seen as a long-term development, profits will
 take place at different times (maybe not in the first few years, but after some time the
 transformation projects can be profitable).
- The unique feature of the fallow is the size of the area the large halls can be attractive for uses with high space requirement.
- A combination of different paths has been seen as a good way for future development e.g. deconstruction and restoration of parts of the site, new use of the remaining
 buildings; combination of small cultural uses with a focus on industrial culture and
 industrial use mixture of different sectors.
- Research and educational institutions should be seen as important resources and stakeholders - all kinds of future uses can be linked to education.

- The creation of an investor brochure was an essential step; the site and the empty warehouses need a good marketing strategy and advertisement to attract the attention of investors.
- A participation process for the local population must accompany the transformation process. Only then the acceptance of the inhabitants can be guaranteed.
- Thinking about the deconstruction of parts of the site should be allowed (dismantling is often seen as a worst-case scenario) because not everything can be preserved for the future. Characteristic and unique structures should however be preserved as they have great potential representing the community/region and give the place its identity.
- Due to the large number of owners, it needs a "provider" or an "operator" for the industrial area someone who coordinates the various actions and uses on the site (umbrella organization).

The municipality is currently working on a new mission statement and is therefore defining fixed development goals. The resulting strategic directions can also be helpful for transformation processes in the industrial sector.



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