



LANDSCAPE ARCHITECTURE AND ART

GE LATVIA UNIVERSITY OF LIFE SCIENCES AND TECHNOLOGIE

VOLUME 20 NUMBER 20

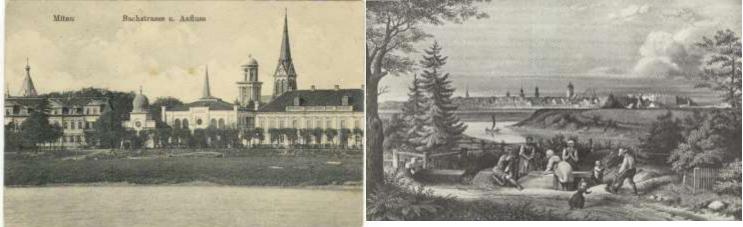












//17th Annual Workshop of Latvian schools of Architecture

Revival of Chernihiv Railway Station

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-CONTEXT-

City: Chernihiv A municipality in northern Ukraine Area: 79 km2 Population: 285,234

Ukraine

Moldova

Belarus





vokzal.org.ua/uk/bus-stations/avtovokzal-chernigov/



and the second shi

-CHERNIHIV RAILWAY STATION: PROBLEMS OR WHAT WE SEE NOW-





Low-quality marketplace/ services



What about human comfort level?







-INFRASTRUCTURE-



For the project, we chose buildings were destroyed. The main idea is to create a comfortable space for residents and guests of the city by using possible. The advantage of this site is its location. Station Square is located 3 km from the city center, to which the main road of the city leads. Analyzing the infrastructure of the city, we came to conclusion that recreation, parks, and cafes in recreation areas located in the central part of the city.

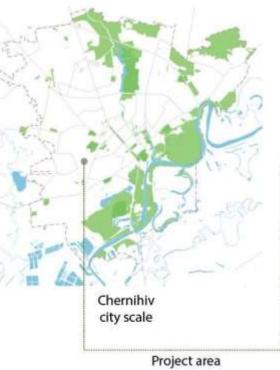
-INFRASTRUCTURE-



 Vokzalnaya Square (1960) is a square in the Novozavodsky district of Chernihiv near the Chernihiv-Ovruch railway, the beginning of Victory Avenue. Privokzalnaya Street joins in the north. Station Square is located 3 km from the city center, to which the main road of the city leads (marked with the red arrow).

-GREEN/BLUE STRUCTURE-

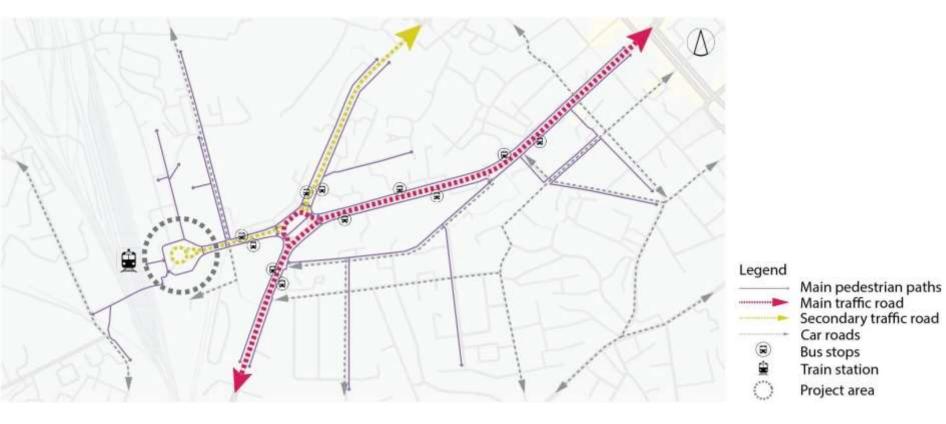
The diagram shows the green/blue structure of Chernihiv on the whole city scale and on the center of the city scale. And as we can see that green structure is denser outside the city center. The goal is to increase the green space and its connectivity in the center and even more in our project area by implementing multifunctional outdoor public space near the train station.





Chernihiv center scale

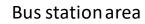
-CIRCULATION-



-FUNCTIONAL ZONING-

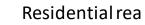


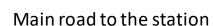
Railway station area



Market

Transport ring and square







Railway



-TARGET USERS-





People from train & bus



Travel Visitors

People come from outside as the station is the door of city



Short Rest People

People who want to take a rest



Merchants

People who run the store & hawkers



Residents

People who live nearby

-PROGRAM DIAGRAM-



Resting Area



Playground



Gathering Zone



Café / Restaurant





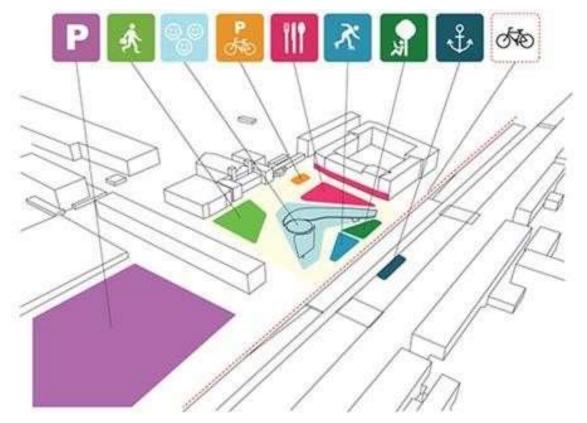
Market

Seating Area



Amphitheatre

-CONCEPT DIAGRAM-



leclercqassocies.fr/fr/projets-d-architecture/gare-des-mines

-OUR VISION: MULTIFUNCTIONAL PUBLIC OUTDOOR SPACE-





Thoughtful infrastructure



-CONCEPTIDEA-



VIS KHR Arkitekter International Design Bispebjerg





Zaha Hadid Architects per la metro di Oslo





sohu.com/a/495754158_100274418



-CENTRAL PLAZA CONCEPT IDEA-



mer's market, flea market, christ-

is market, community evenings...



concerts. performance arts, festival



voleyball, tennis, football, basketball tournaments; group yoga, pilates, dancing workshops...









open air exhibitions, workshops, art festivals...



THE RING

the circle of the roundabout. It is the heart of the district which it a place suitable for the commu

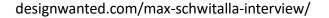
tivities from theme markets to a ticals, safe from the surrounding flow visual and autal, creating a pl its own that shape livable comm with a unifying flexibility and freed

The eight path leading to the cir comodate various functions of da activities, like sitting, walking, ru sunbathing, coffee breaks, player basketball trainings, sports equips roller skating..etc or just an ext nary shortcut from work back to or a place to get lost in space and

a space for life stimulation



archdaily.comsuperspace-re-imagines-pragues-victory-square-as-a-socialcenter

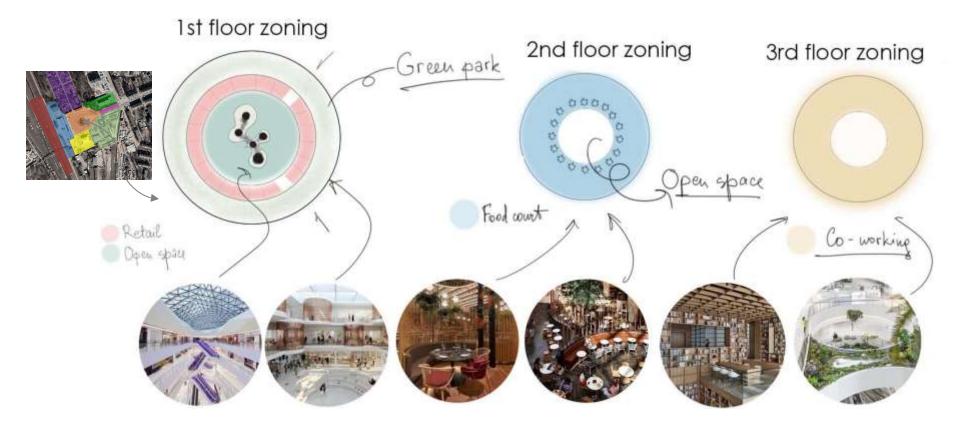


-CENTRAL PLAZA CONCEPT IDEA-

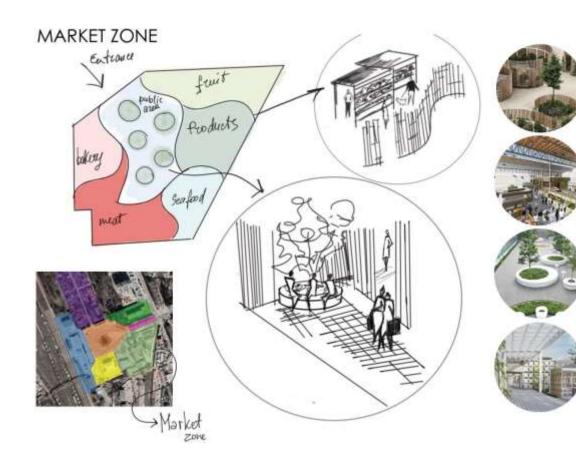
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Reference: SWA/Balsley and 5+design, https://www.e-architect.com

-ZONING PLAN-CENTRAL PLAZA-



-PERSPECTIVE-MARKET ZONE-



Roof`s structure





-PERSPECTIVE-RAILWAY ZONE-



Providing connections between:

- neighborhoods
- cities



Reference: ©Zaha Hadid Architects, amazingarchitecture.com



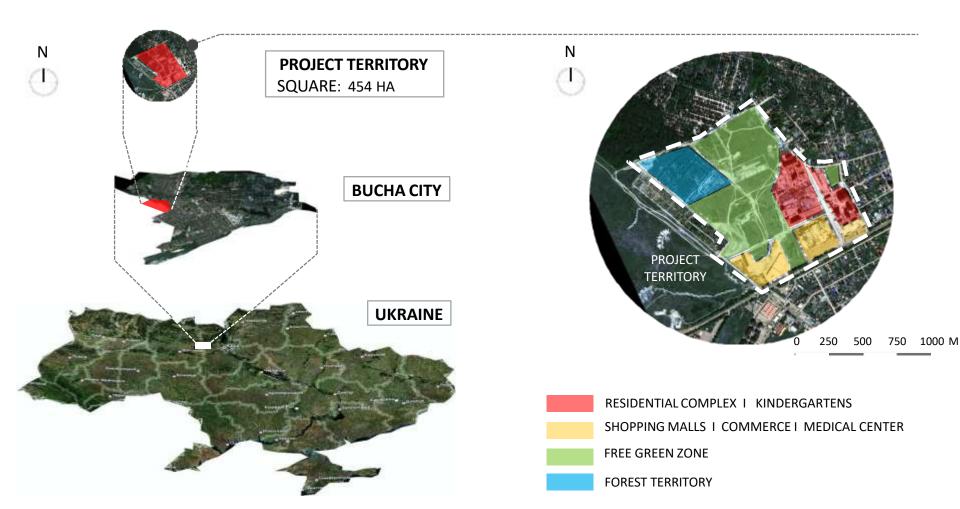
LATVIA UNIVERSITY OF LIFE SCIENCES AND TECHNOLOGIES RIGA BUILDING COLLEGE RIGA TEHNICAL UNIVERSITY SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

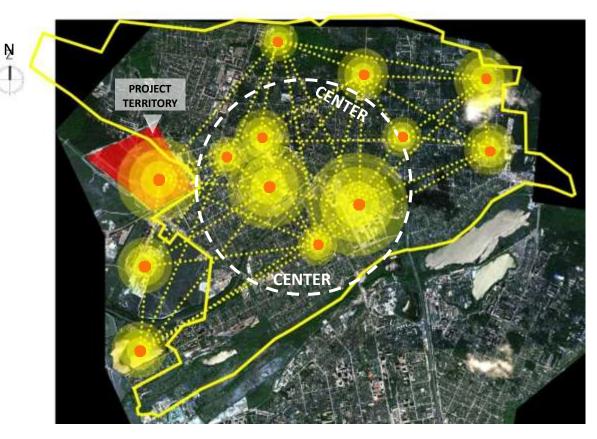
BUCHA REVITALIZATION AND DEVASTATED AREA RESTORATION

ANALYSIS I CONCEPT

DEVELOPED: ALESSIA MOTTA, GUNTARS GAILĪTIS, EMĪLIJA VANAGA, MAIJA DUBRO, SANDRIS LUSTE, PRITHIVIRAJ M, KAVYA PALANIAPPAN

2022





EDUCATION FACILITIES

S

HEALTH FACILITIES

RESIDENTIAL COMPLEXES

SPORTS GROUNDS, STADIUMS

KINDERGARTENS

SHOPPING CENTERS, COMMERCE

0 1000 2000 3000 4000 M



4000 M

2000

3000

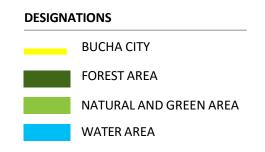
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with a green structure with buffer plantings and green corridors to form a single green network.

The city needs to be supplemented

Consequently, the ecological quality and ecological attractiveness of the city will increase.





SAME FUNCTION, BUT ADDED MODERN LOCAL MARKET HALL

SOCIAL AREA

ENCOURAGES COVERSATION

LOCAL PRODUCE

SENSE OF RELATABILITY AND COMMUNITY

EXTRA EMPLOYMENT

SPACE FOR EVENTS



COMMUNITY GARDENS

SOCIALIZATION

COMMON HOBBY FOR INHABITANTS

SELF SUSTAINABILITY

THERAPHEUTIC

ENCOURAGES FAMILY TIME

CAN BE TEMPORARY









Building in timber is the future of sustainable architecture and construction. Devastated areas of Ukraine could be the future city examples how we see timber and zero emission architecture.





Regarding the war terror emotional stress and mental problems could be a great problem of tomorrow's society in Ukraine.

Green garden areas between office blocks could be good relaxation options for people working in the area.















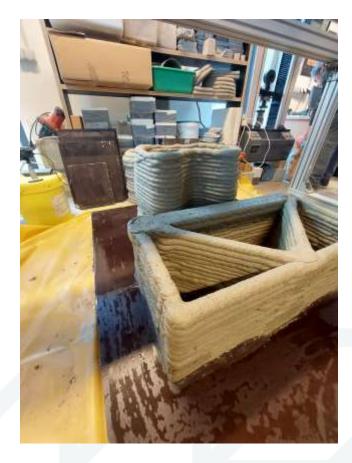




3D drukāts betons - aktualitāte pasaulē un sasniegtais Latvijā

Būvniecības inženierzinātņu fakultātes Materiālu un konstrukciju institūta Vadošais pētnieks 3D betona drukāšanas zinātniskās laboratorijas vadītājs Dr. Sc. Ing. Māris Šinka

07.01.2023.









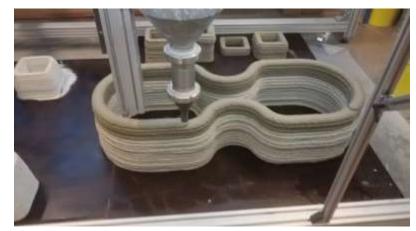
Laboratorijas pētījumu virzieni 1

- Industriālās doktorantūras projekts sadarbībā ar SAKRET;
- Mērķis printera mainīgo parametru un maisījuma mijiedarbības izpēte;
- SAKRET 1K maisījums.









Industrija Latvijā

- SAKRET
- CONSTROS;
- PROFABB;
- FabControl;
- 3Dtech;





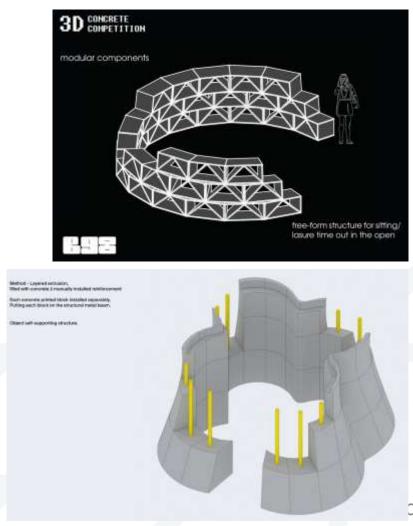


Riga Technical

Studentu sacensības

Pirmās starptautiskās 3D betona sacensības Baltijā. 2021. gada oktobris - 2022. gada aprīlis sadarbībā ar RTU Dizaina fabriku un Latvijas Universitāti:

- 1-3 brīvi stāvoši objekti LU pilsētiņā Torņakalnā.
- 27 komandas (Latvija, Lietuva, Igaunija, Grieķija, Austrija, Spānija, Ķīna, ASV)
- Lekcijas un apmācības tika organizētas vairākus mēnešus;
- <u>https://print-concrete.com/#/</u>





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