

# URBAN DENSITY LAB 2020

Virtual Workshop „Urban Density Lab Lviv 2020“  
International workshop on Urban Design  
Monday March 30<sup>th</sup> to Friday April 3<sup>rd</sup> 2020 by zoom

## Report

Academic partnership between Vienna University of Technology  
and Lviv Polytechnic National University  
[www.vienna-lviv.info](http://www.vienna-lviv.info)





## Virtual Workshop „Urban Density Lab Lviv 2020“

### International workshop on Urban Design

Mon March 30<sup>th</sup> to Fri April 3<sup>rd</sup> 2020 by zoom

This workshop was part of the Urban Density Lab Lviv 2020, a semester urban design studio within the curriculum of both Schools of Architecture. 32 architecture students and 14 tutors from partner-universities in the Ukraine and Austria worked together with the Lviv municipal administration on this laboratory project. Originally, the workshop was conceived at the same time as a collaboration between students and teachers from both schools of architecture on site in Lviv. Due to the outbreak of the COVID-19 pandemic and the associated restrictions, it was held in digital form.

The necessary data (especially the extended digitisation of working materials) were made available in two phases with the great commitment of the colleagues in Lviv and the diploma student Anasztazia Hujvan:

- Phase 1: General maps and planning material for the analysis and concept phase at the beginning of the virtual workshop at the end of March.
- Phase 2: Geodata and topographic information as well as photo documentation for the two sites „Rema“ and „Persenkivka“ for the design phase starting after the Easter holidays.

### The main goals of this virtual workshop were:

- to conclude the preparatory phase (analysis of Urban Quarters Vienna and Lviv)
- to start the conceptual phase focusing the understanding of the overall conditions of urban development in Lviv
- to analyze both locations for the following urban design process: “Rema-site” and “Persenkivka-site”
- to define the main goals for the future development
- to rise communication in between the 18 participants (TU Wien) and 14 participants (LPNU)

### Didactic concept

The virtual workshop was composed of:

- daily individual groupwork-tools (generally in the morning sessions from 9 am to 1 pm)
- daily common groupwork-tools, presentations- and discussion-forums (afternoon - from 2 pm to 5 pm)
- virtual lectures by tutors and external guests (in-between)

For the virtual workshop some preliminary material about the city of Lviv were to be provided especially for TU Wien students because of lacking the personal experience of the city:

- City Portrait Lviv mp4 file, 33 min
- “My personal Lviv”, artistic and analytic works by students of the 2019 Density Lab
- „Lviv. Architecture and City“ 100 Landmark Buildings, written and edited by Andreas Hofer, Eliabeth Leitner and Bohdan Tscherkes in 2012, LIT Editors, Wien, Berlin.

# Program

Mon March 30<sup>th</sup>

Afternoon session: 2 to 6 pm / by zoom

## Welcome and presentation of the workshop program

Individual messages by all participants of the workshop and get together

(LPNU: Bohdan Tscherkes, Solomya Konyk; TU Wien: Andreas Hofer, Christian Giger; and all students)

Organizational issues: communication data exchange, group dynamics, etc.

## Presentation of preparatory work

- Presentation of the results of preparatory phase (analysis Urban Quarters Vienna)  
5 min / each group // 6 groups
- Presentation of the results of preparatory phase (analysis Urban Quarters Lviv)  
5 min / each group // 7 groups

## Virtual discussion of downtown Landmark buildings

Common groupwork at the virtual workshop\_room based on the guidebook

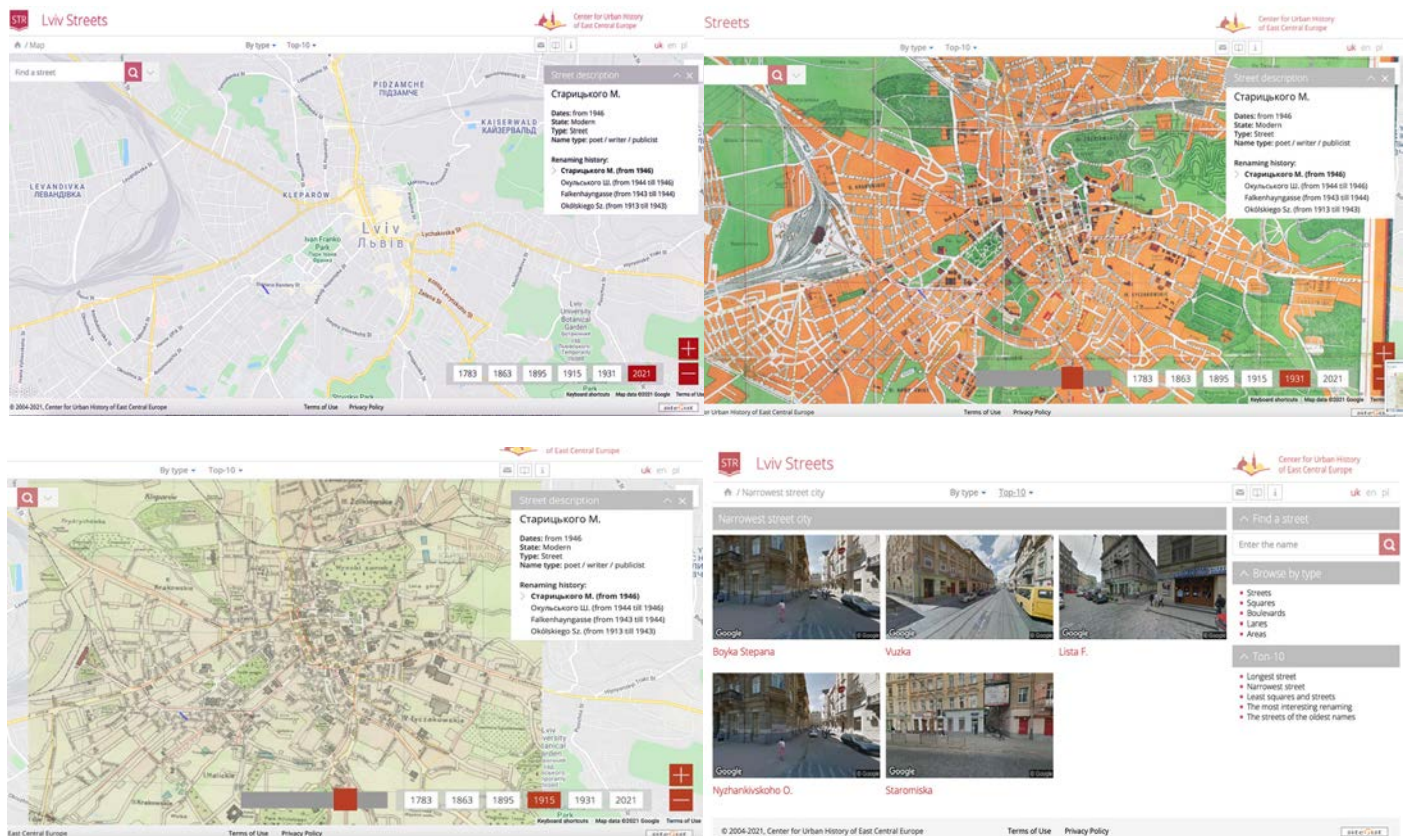
“Lviv. 100 Landmark Buildings, 2012” (done in breakout sessions).

## Presentation of the online tool – “Virtual Lviv” by Christian Giger

<http://www.lvivcenter.org/en/streets/%D0%A1%D1%82%D0%B0%D1%80%D0%B8%D1%86%D1%8C%D0%BA%D0%BE%D0%B3%D0%BE-M/>

## Lviv Emblematic Locations

Introduction: Individual groupwork to be done until tuesday 31<sup>st</sup>





Tue March 31<sup>st</sup> 2020

Morning session: Individual groupwork by zoom

Afternoon session: 2 to 6 pm / by zoom

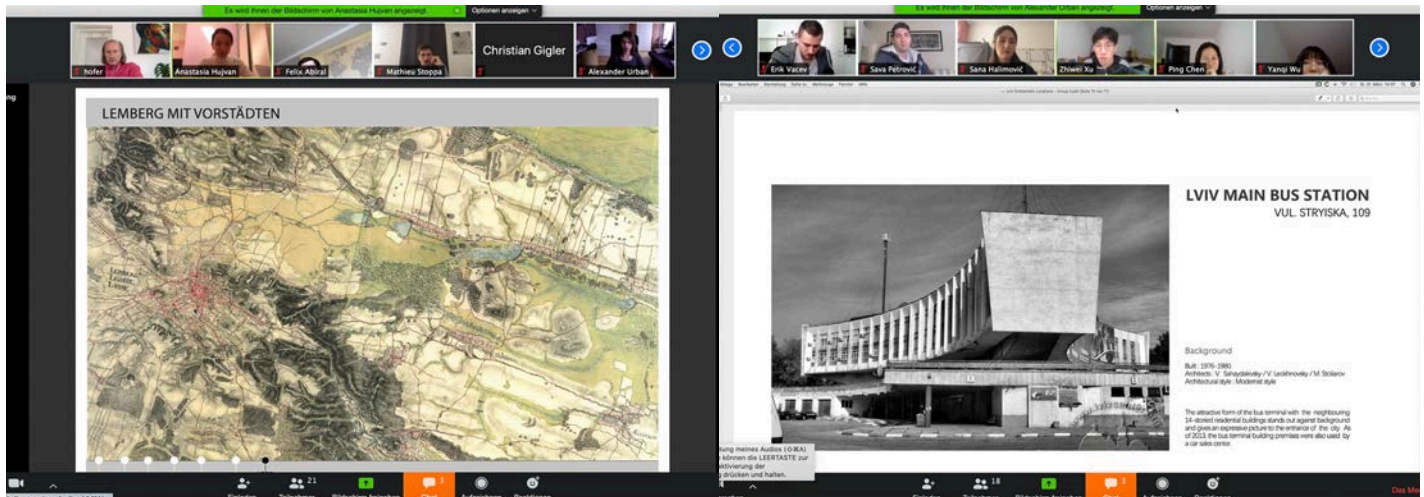
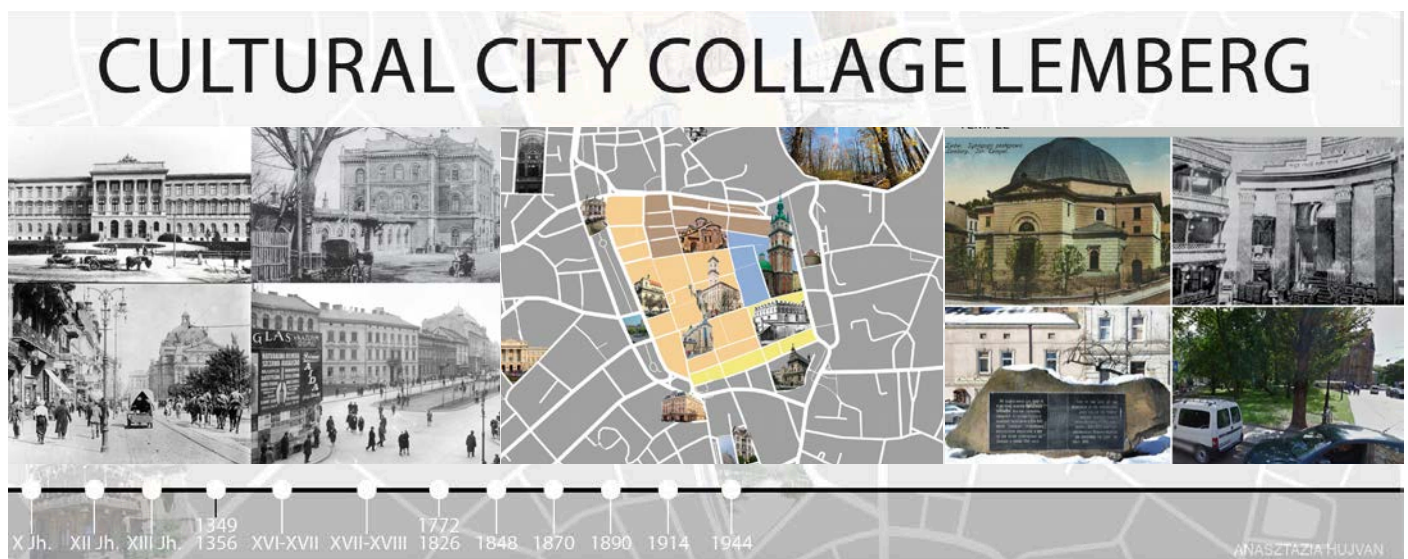
Presentation of the results of individual Groupwork "Lviv Emblematic Locations"

Lecture by Anasztasia Hujvan  
„Cultural City Collage Lemberg“

Lecture by Solomiya Konyk  
„Intensification of the historically formed environment of Lviv“  
based on the projects of Urban Density Lab Lviv 2017 and 2019

Critical analysis of projects of Density Lab Lviv 2018 and 2017

Introduction: individual Groupwork to be done until wednesday april 1<sup>st</sup> // upload on the owncloud  
Projects of urban regeneration will be evaluated like a jury –  
result: one selected winner award each!



Wed April 1<sup>st</sup>

Morning session: Individual groupwork by zoom

Afternoon session: 2 to 6 pm / by zoom

Lecture by the Chief Architect of Lviv: Anton Kolomyeitsev

„Current development goals of Lviv related to the two locations“

Comments and questionnaire

Start of the analysis phase of the locations: “Rema-site” and “Persenkivska-site”

- organizing and discussing the material provided by the staff of Lviv Polytechnic University
- application of already gathered knowledge about the city of Lviv;
- introduction to the methodology and working tools

Lecture by Andreas Hofer:

„Graphic examples of Urban Mapping“

Urban Mapping of “Rema-site” and “Persenkivska-site”

Introduction: individual Groupwork to be done until Thursday 2<sup>nd</sup> april // upload on the owncloud

*Urban Mapping is a tool to create graphic expressions of a subjective interpretation of some unique characteristics of a location and to communicate this subjective information clearly and effectively through graphical means.*

The screenshot shows a Zoom meeting with participants from various institutions. The main content is a presentation slide for 'URBAN DENSITY LAB 2020'. The slide is divided into several sections:

- Top Left:** A colorful urban map of Lviv with various zones highlighted in green, yellow, and red.
- Top Right:** Two diagrams titled 'POSSIBLE SCENARIOS FOR DEVELOPMENT', showing different urban layouts with blue and grey blocks.
- Bottom Left:** Textual information about the lab, including its mission, location, and contact details. It mentions 'URBAN DENSITY LAB 2020' and 'Urban Mapping'.
- Bottom Right:** An aerial photograph of a dense urban area with a grid-like street pattern.

At the bottom of the slide, there is a logo for 'URBAN DENSITY LAB 2020' and the text 'Urban Mapping' in large letters. Below that, the names and contact information of the organizers are listed: Andreas Hofer and Christian Gigler.



Thu April 2<sup>nd</sup> 2020

Morning session: Individual groupwork by zoom

Afternoon session: 2 to 6 pm / by zoom

### Presentation of Urban Mapping: “Rema-site” and “Persenkivska-site”

The results of yesterday tasks had to be presented and discussed. The reflection on the mapping results represents the closing of the analysis and had to support the following decision (breakout sessions).

### Decision making process:

One of the two sites: “Rema-site” or “Persenkivska-site” to be chosen by each group.

(breakout sessions)

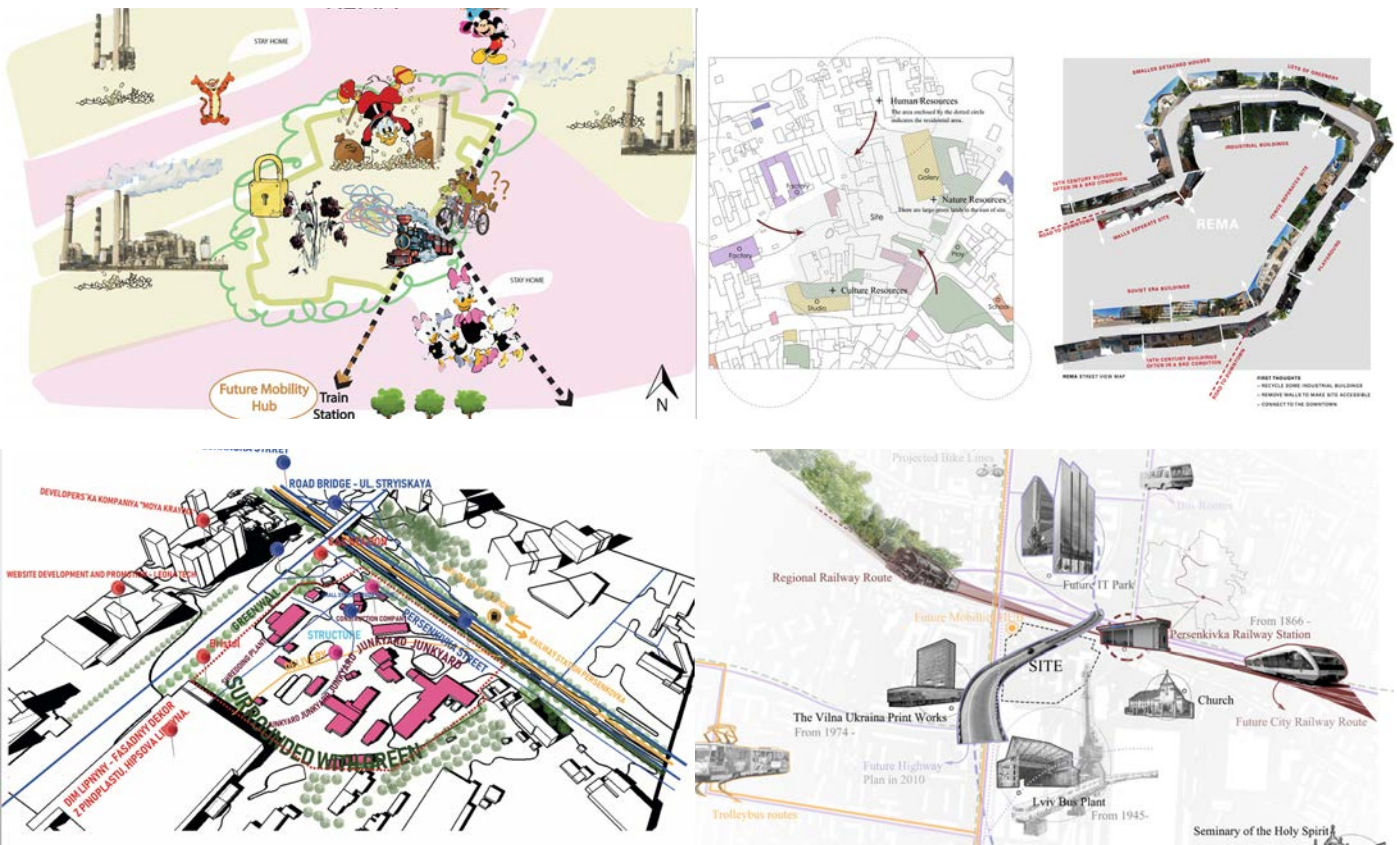
### By now onwards: Conceptual work on the location!

### Goals for future development of the chosen location

Introduction: Individual groupwork to be done until Friday april 3<sup>rd</sup> // upload on the owncloud

Tasks: Creating scenarios for the future urban perspectives of the chosen site;

to be represented by a catchy working title, a logo, and at least one visionary image, ...)



**Fri April 3<sup>rd</sup> 2020**

**Morning session:** Individual groupwork by zoom

**Afternoon session:** 2 to 6 pm / by zoom

**Presentation of Goals of future development**

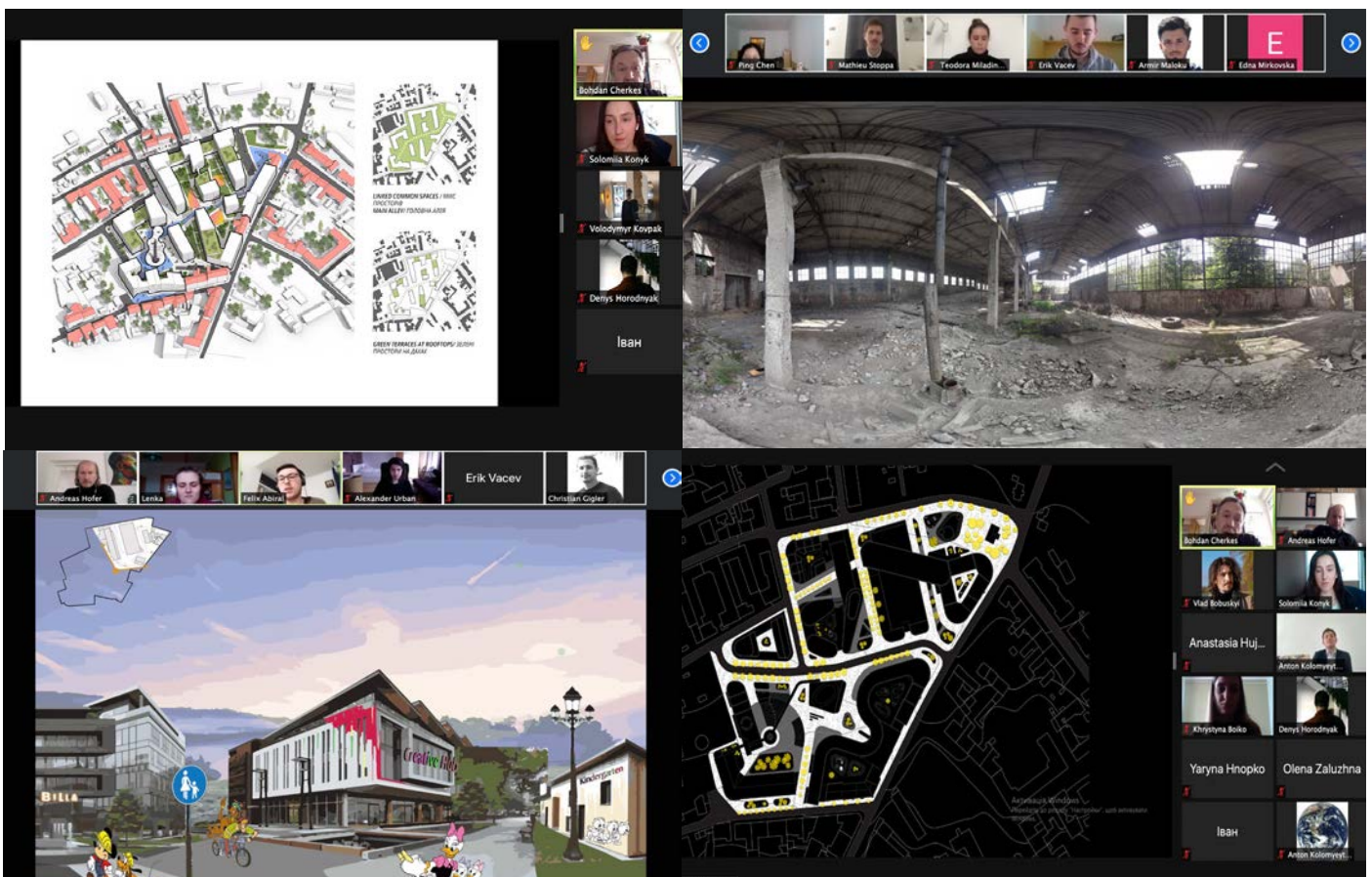
This final presentation of the virtual workshop includes also a catchy working title, a logo, and at least one visionary image, ...)

**Closing session of the virtual workshop Urban Density Lab Lviv 2020**

Didactic introduction to the conceptual phase of urban design with the formulation of the immediate task until 1<sup>st</sup> meeting after Easter Holiday (next zoom meeting for presentation April 21<sup>st</sup>)

**Preliminary concept phase of urban Design**

- Transmission of the goals into functional, spatial and atmospheric sketches and elaboration in 3 variations of density and at least one reference project.
- Inclusion of the feedback on the final presentation of the workshop and improvement of the goals, working title and the logo.



## Participants

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### Lviv City Council

**Anton Kolomietsev** Chief Architect of Lviv





## Imprint

Report: Virtual Workshop „Urban Density Lab Lviv 2020“- International workshop on Urban Design

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Graphics & layout Andreas Hofer

Photo credits Archive of TU Vienna and Lviv Polytechnic National University

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