

# Rebuilding Ukraine: Lithuania's long-term plan

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Source: <https://www.euractiv.com/section/europe-s-east/news/explosion-destroys-part-of-crimea-bridge-crucial-to-russian-war-effort/>

Project  
manager:

Create  
Lithuania 

Project  
owner:

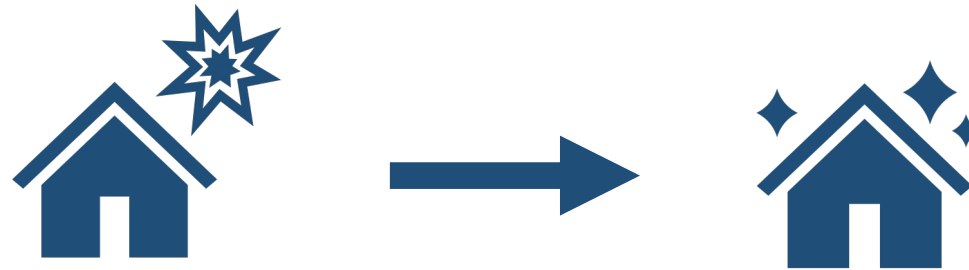
**SSVA**  
STATYBOS SEKTORIAUS  
VYSTYMO AGENTŪRA

# Project goal



Source: <https://kse.ua/about-the-school/news/the-total-amount-of-damage-caused-to-ukraine-s-infrastructure-due-to-the-war-has-increased-to-almost-138-billion/>

## HOW TO HELP REBUILD UKRAINE IN PLANNED AND REGULATED MANNER?



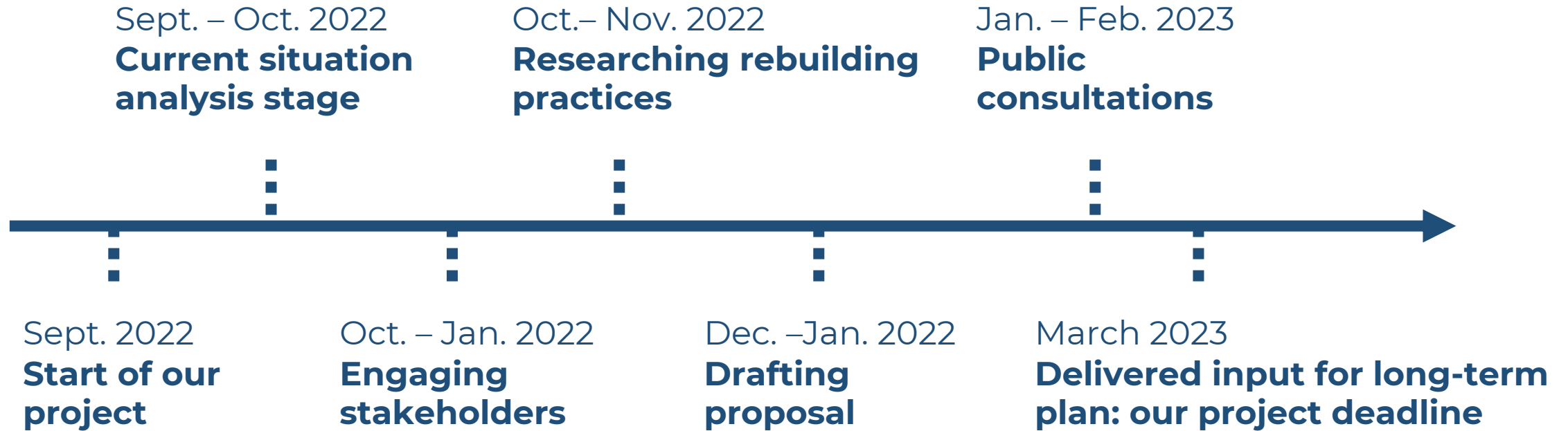
After a year of war destroyed infrastructure adds up to

~ **150 000** units of **residential buildings**,

~ **3 000** units of **education** facilities,

~ **1 150** units of **healthcare** facilities.

# Project timeline



# Key findings during analysis stage



Difficulties on making first steps in planning due to the **escalated and continuing attacks, a lot of uncertainty.**



**No current scheme** from Lithuania or EU **for insurance** of people or equipment sent to Ukraine.



Ukraine's municipality regions are obliged to develop **their own long-term local development plans** according to the new law.

Source: Strategic development plans for cities [https://w1.c1.rada.gov.ua/pls/zweb2/webproc4\\_1?pf3511=71562](https://w1.c1.rada.gov.ua/pls/zweb2/webproc4_1?pf3511=71562)

# Main question



How can we **start sharing knowledge on developing long-term plans** before the loss of russia while **keeping everyone safe?**

# The Recovery Plan

The Draft Ukraine Recovery Plan of the “Construction, urban planning, modernization of cities and regions” emphasizes the principle of **openness and transparency** framed as Ukrainian effort

*“...to provide **free access for all citizens** of Ukraine and international partners **to the plans and actions** of public authorities **at all stages of Ukraine's reconstruction and development.**”*

## Draft Ukraine Recovery Plan

Materials of the “Construction, urban planning, modernization of cities and regions” working group

July 2022

# Transparency and digitalization



The goals, tasks, and stages of the Recovery Plan in the direction of "**Regulation in construction**" are aimed to solve the problem of **Insufficient transparency and publicity of urban planning.**



The goal is linked to other areas of recovery, namely **spatial planning and digitalization.**

# Answering the question: Planning tools

Coming back to the question raised in the first chapter: **“How can we start sharing knowledge on developing long-term plans while keeping everyone safe?”**

The best practice analysis provides an answer allowing us to move forward:



**Technologically advanced planning tools** can help to bridge the pieces together in **building the new, modern Ukraine with long run success.**



# Digital planning tools (DPT)

Digital planning tools (DPTs) have a wide range of uses based on their content. They provide capacities for:



exploration,



analysis,



design visualization,



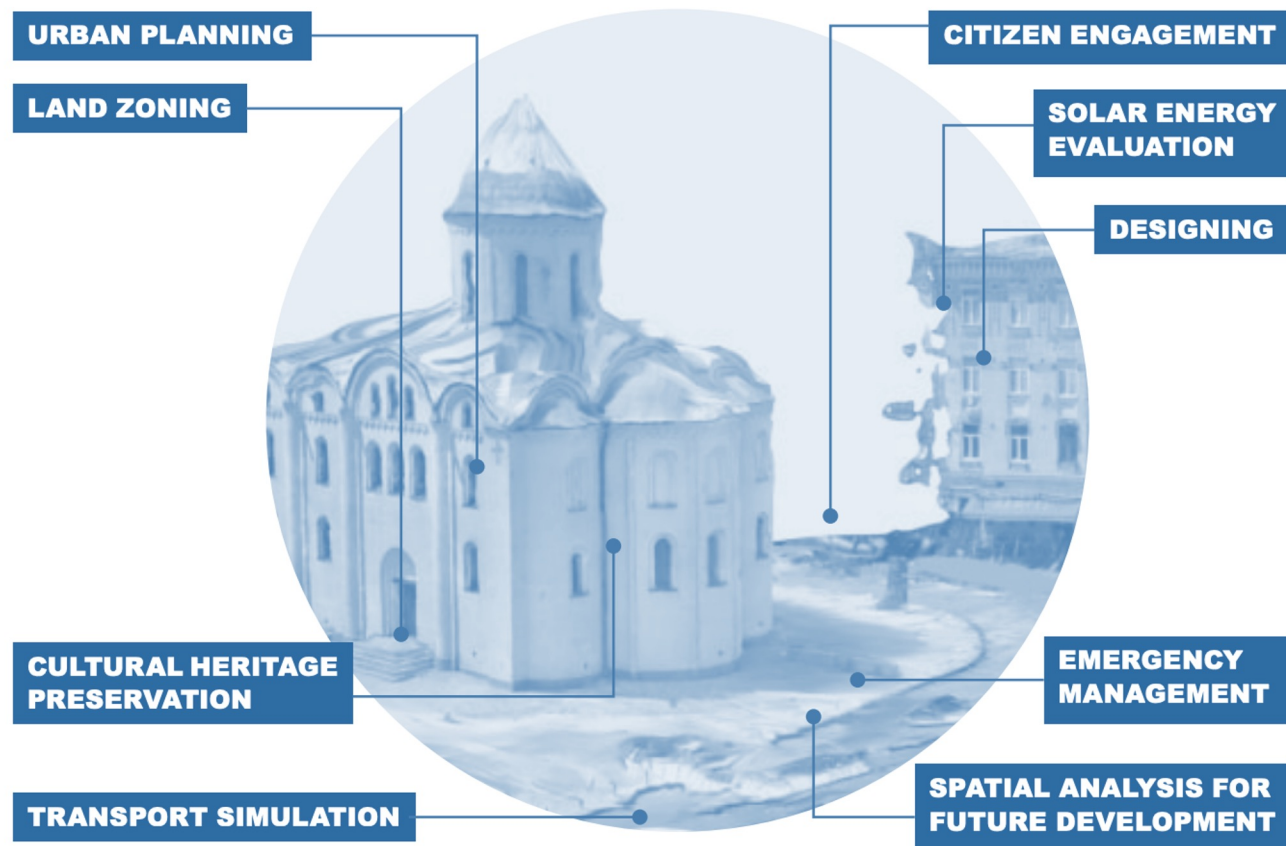
planning,



and making information accessible online.



# How could DPTs be useful in rebuilding Ukraine?



- DPTs provide a platform to create and manage complex urban information.
- Thus, speeding decision making process.

# Territorial criteria for possible pilot project

- Urban territory under **active rebuilding** process.
- City of a ~**50-100K residents**.
- Municipal **interest** in international projects/ digitalization projects.
- Municipality **personnel resources**.
- Optional: proximity to technical universities.

**IDENTIFIED POSSIBLE PARTNER MUNICIPALITIES:** BUCHA, IRPIN, BORODYANKA, CHERNIHIV



# DPT types and alternatives used in Lithuania

DPTs have a **great variety** of possible applications **based on the data** that is used for the model. Thus, in the beginning it is **crucial to define the initial topic** of the developed digital tool.

Lithuania has several examples of different digital tools in use.

Existing  
objects



2D



Planned  
objects



3D

# Identified possible developers

The possible partners have been identified based on their expertise and meetings discussing their interest in the project.

## Ukrainian developers:

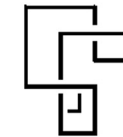


**SKEIRON**

## Lithuanian developers:



**VILNIAUS  
PLANAS**



**Išmaniųjų miestų  
ir infrastruktūros  
centras**



**statybos ir  
architektūros  
fakultetas**

# Results



**Handout material and introduction of the proposal to the representatives of Ukrainian cities** at a conference in Warsaw, Poland.



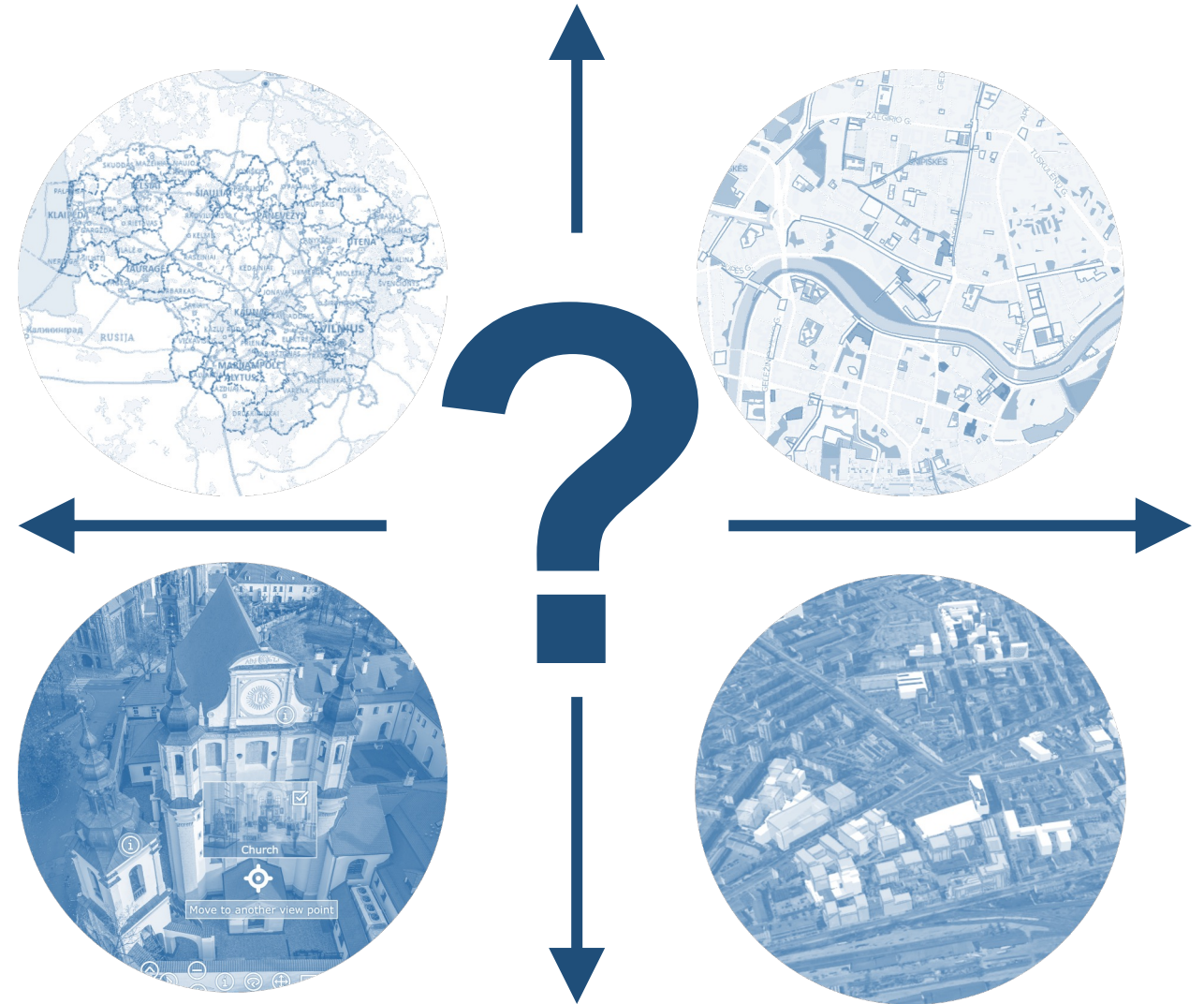
**A draft implementation plan** containing stages of developing DPT for a selected Ukrainian city.



**An overview of digitalization initiatives in Ukraine**, implemented on different financial arrangements.

# Way forward

- Arrange a **working group** with Ukrainian municipalities.
- Identify **local needs** on digital tools.
- Analyze the **accessible planning information** to be used in the model.



# Trumpas apibendrinimas



Mūsų projekto **tikslas** – išsiaiškinti, kaip galime **efektyvinti Ukrainos atstatymą ir dalintis Lietuvos žiniomis** statybų ir miestų vystymo sektoriuose.



Projeko eigoje identifikavome poreikį Ukrainos **urbanistinių procesų skaitmenizavimui bei viešinimui**, kuris padėtų spręsti **skaidrumo problemas** statybų sektoriuje.



Parengėme planą tolesniam skaitmeninių planavimo įrankių įgyvendinimui Ukrainoje.



# Thank you



LIETUVOS  
RESPUBLIKOS  
VYRIAUSYBĖ



ESTDEV

Урбанина



ЛУН Місто



Угода мерів  
щодо Клімату і Енергії

REBUILD

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Центр  
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UNECE



ВСЕУКРАЇНСЬКА  
АСОЦІАЦІЯ



VILNIUS



ReStart  
Ukraine

# Question or suggestions? Please contact us



Project page:

**[Rebuilding Ukraine:](#)**

**[Lithuania's long-term plan](#)**

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