

Rebuilding Ukraine: Lithuania's long-term plan

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

Project
manager:

Create
Lithuania 

Who are we?



MARIANA MAKSYMIV

PhD student at MRU focused on climate law;

Experience in legal research on renewable energy policies in Ukraine and EU.

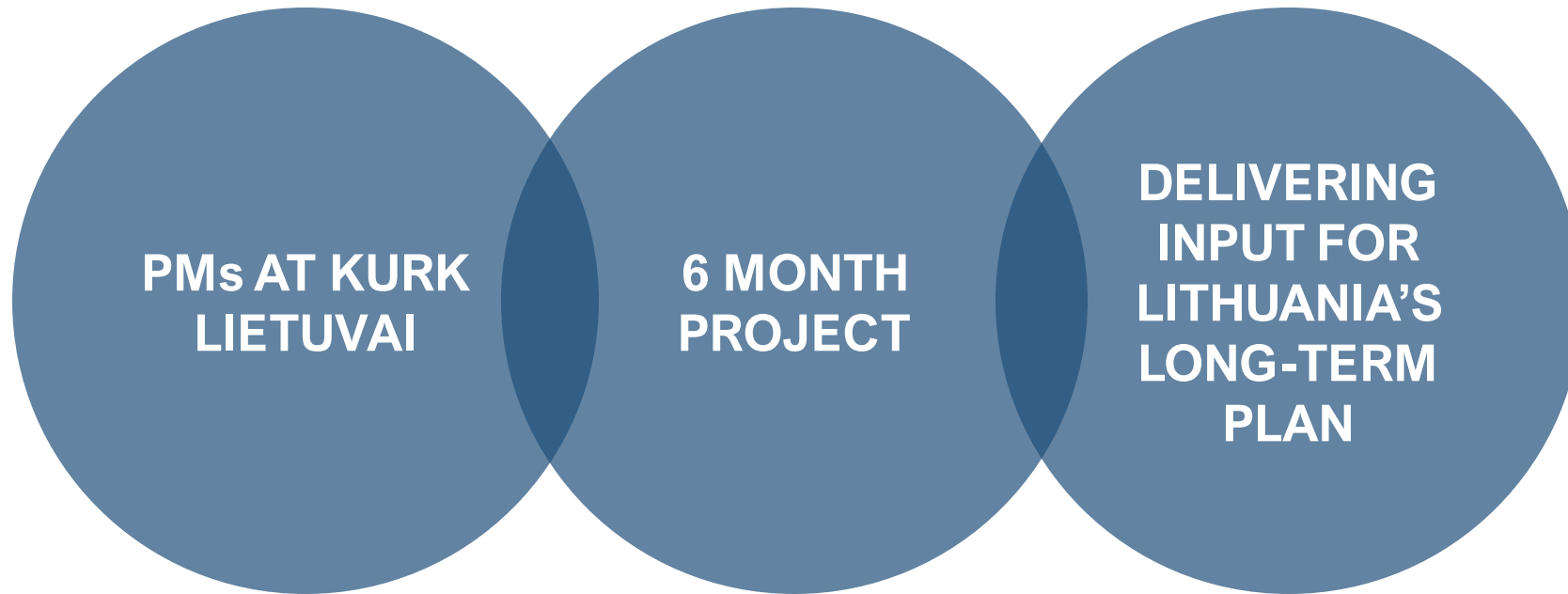


RŪTA SLAVINSKAITĖ

Urban planner focused on participatory planning.

Experience in urban anthropology, sustainable urban development, urban design and architecture.





What are we doing?



Project timeline



Why is UA rebuilding important for Lithuania?

-  Helping UA helps to restore European energy capacities;
-  Gaining expertise and tools for future development of Ukraine and Lithuania;
-  Building capacity for future international partnerships and projects;
-  Strengthening the basis for future economical cooperation.



Lithuania's planned actions

 **36 Mobile houses** for Borodyanka:

Priority – high, to be delivered **before winter**, approx. value of **1 mln EUR**.

 **Kindergarten** in Irpin:

Priority – medium, to be **opened by September 2023**, approx. value of **3,3 mln EUR**.

 **School No1** in Borodyanka:

Priority – medium, to be **opened by September 2023**, approx. value **4,5 mln EUR**



Analysis summary



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.

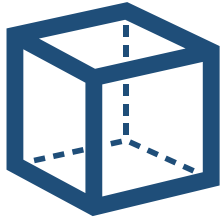
Main question



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

Suggested action:

Digital city model



Digital city model is a tool for:

- **visualizing** the urban environment
- **making information accessible** online
- **exploring possibilities** of urban areas
- **planning** for the future

Digital city model could:

- provide integration of **contemporary planning solutions**
- Help to apply **build back better practices**

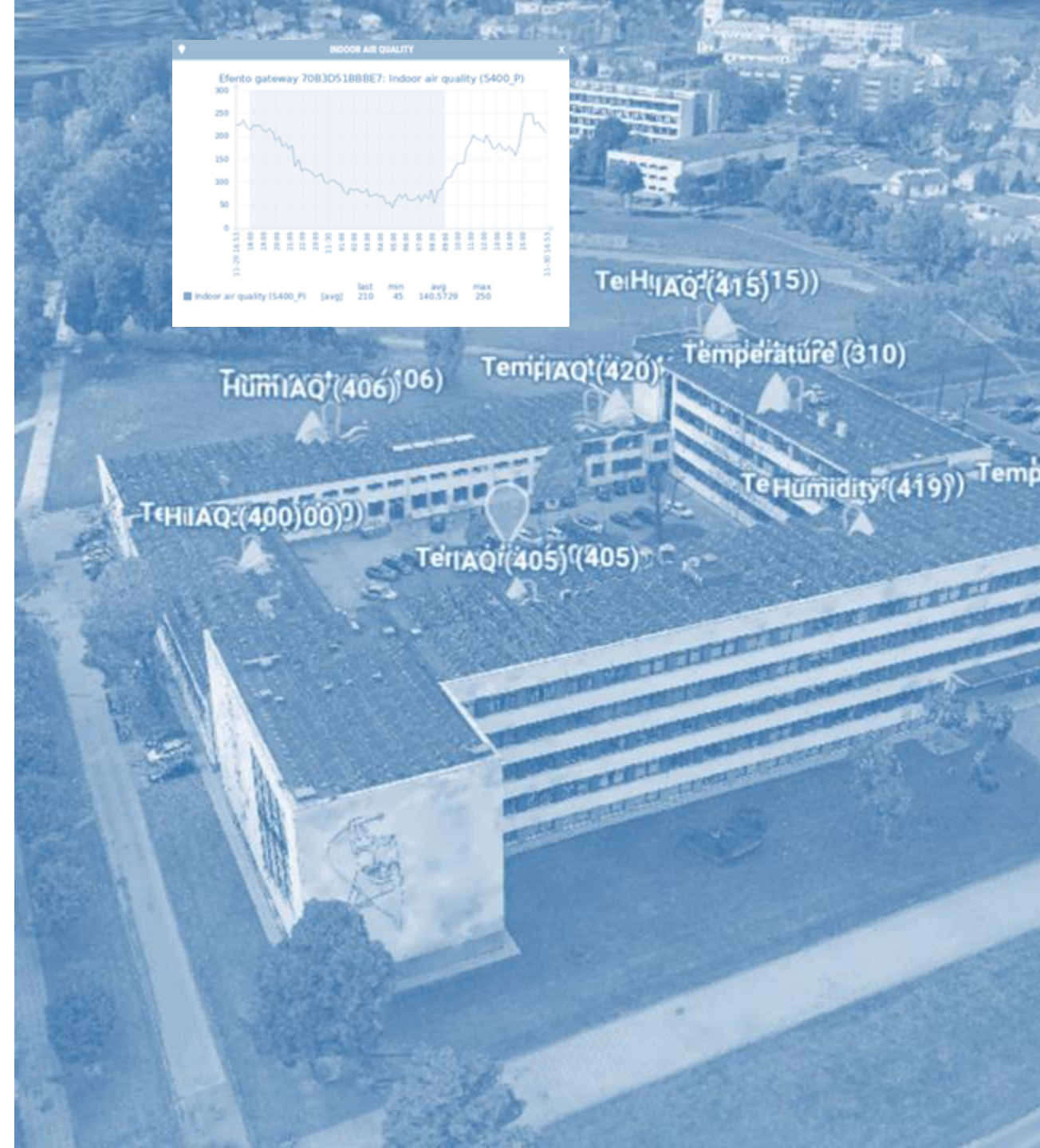


Lithuanian examples:

Kaunas digital twin

- Includes city's heritage objects;
- Provides a platform for visualizing proposed projects
- Includes several BIM models that provide information about building engineering.

Source:https://eu.opencitiesplanner.bentley.com/www_ktu_edu/kaunasdigitalcity-stage1

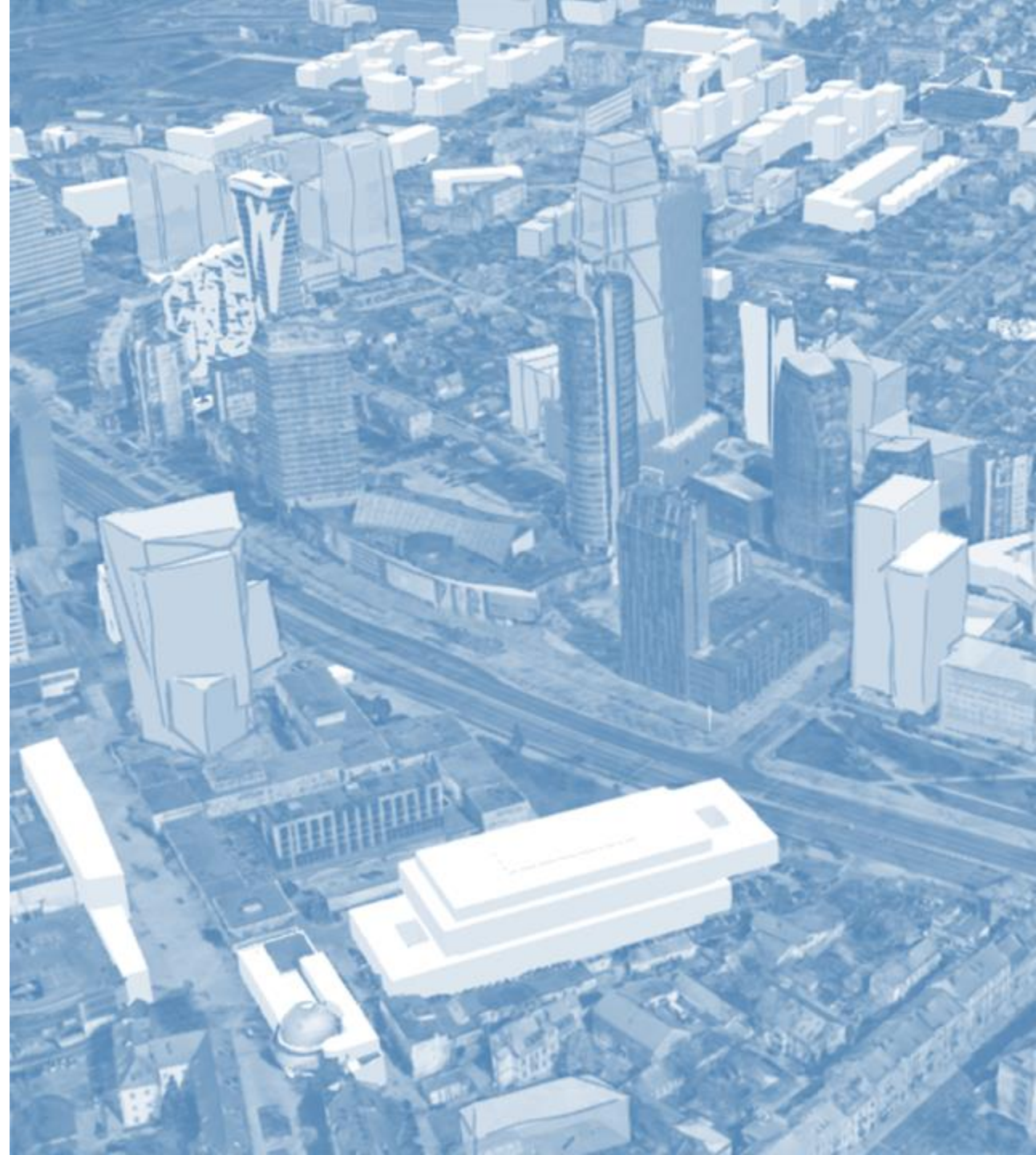


Lithuanian examples:

maps.Vilnius

- Includes a whole database of maps such as:
 - City's master plan
 - Street network and its development
 - Topography and other
- Provides a detailed model of the city including architecture proposals and possible visions for the city development.

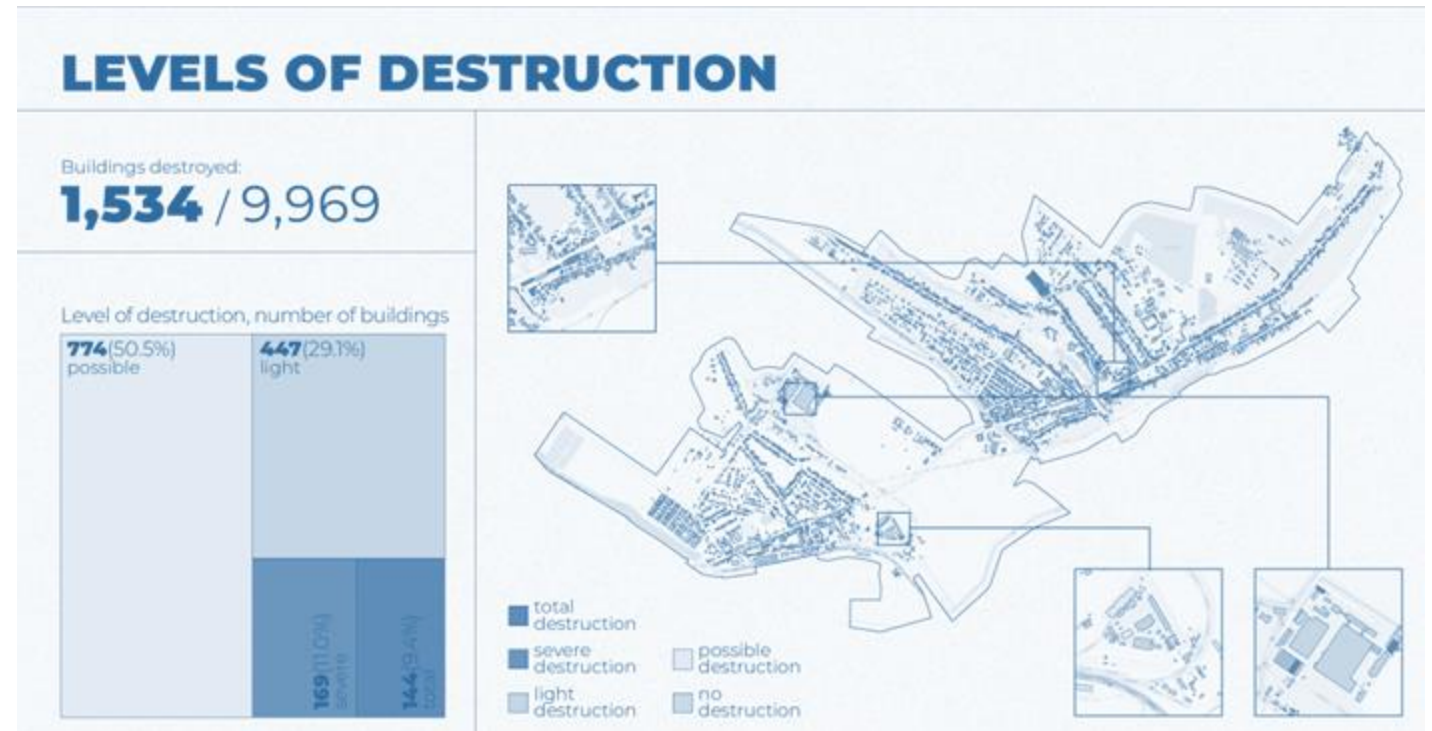
Source: <https://3d.vilnius.lt/scenos/realaus-vaizdo-3d-modelis>



Related examples:

RebuildUA – digitization of destroyed infrastructure

An example of **local Ukrainian digitalization** practice that help and provide basis for the localized information on **destroyed cities**.



Related examples:

Taichi Furuhashi Lab. & Hidenori Watanave Lab.

Story telling and mapping active war zones and demolished infrastructure to provide updated information for off-site planners and researchers.



Related examples:

Ukraine Housing

Created a digital platform of destroyed/damaged housing at the community level in order **to prepare analysis for housing rebuilding.**



Possible alternative funding

RED ROSE

Partner with the iNGOs, UN organizations, and donors to empower their programs with a digital approach.

EBRD Green Cities

EBRD Green Cities strives to build a better and more sustainable future for cities and their residents.

The Nordic Environment Finance Corporation

NEFCO already has Green Recovery Programme for Ukraine. Plans to work directly with municipalities and help them to plan and finance sustainable recovery as well as assist in designing **Local Green Recovery Plans**.

What happens next?



Continue **working with Statybos sektoriaus vystymo agentūra (SSVA)** and sharing **input on proposed actions (digital city model)**.



Reaching out to specific international partners.



Delivering research-based input for the long-term plan.

Question or suggestions? Please contact us

Project page:

[Rebuilding Ukraine: Lithuania's
long-term plan](#)

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