

**VILNIUS2IN**

Powered by people

# Digital, smart or intelligent – where is Vilnius at?

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**CITY AS A LAB**

**CHANGEMAKER OF OPEN DATA POLICIES**

**VILNIUS METHOD – BOTTOM-UP APPROACH**



## Strategic direction VILNIUS2IN:

- lays down the vision of Vilnius in the area of digitization;
- operates on six principles of implementation;
- follows initiative of intelligent community.

**INTELLIGENT AND INTEGRATED  
COMMUNITY (2IN)**

Signs of an INTELLIGENT and INTEGRATED COMMUNITY (2IN):

- Creates inclusive well-being, solves social problems and enriches people's quality of life;
- Technology is not self-directed;
- Digital - Smart - Intelligent

PURPOSE - 3 KEI PERFORMANCE INDICATORS



HAPPINESS  
INDEX



TRAVEL TIME  
INDEX



LIFE  
EXPECTANCY

## 6 PRINCIPLES



**MANAGEMENT  
EXCELLENCE**



**OVERALL  
KNOWLEDGE**



**INNOVATION**



**DIGITAL  
EQUALITY**



**INTELLIGENCE  
EXCELLENCE**



**ADVOCACY  
FIRST**

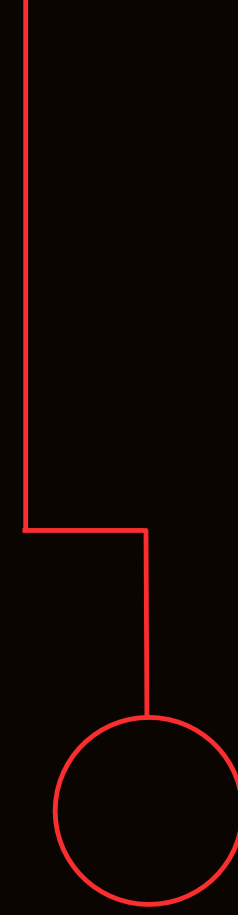
# HACK ME IF YOU CAN

Vilnius  
open data  
initiative  
that saved  
the city from  
experiencing  
major cyber  
security  
breaches.

1. We invite citizens to contribute to cyber security.
2. We ask hackers to find loopholes or errors and report them to the municipality.
3. We received 43 messages about incidents.

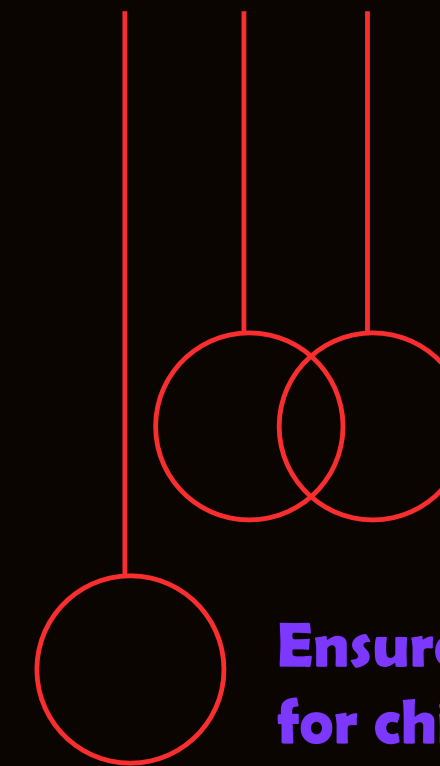
# IT MUST

## Vilnius placed IT among compulsory A-level subjects in schools



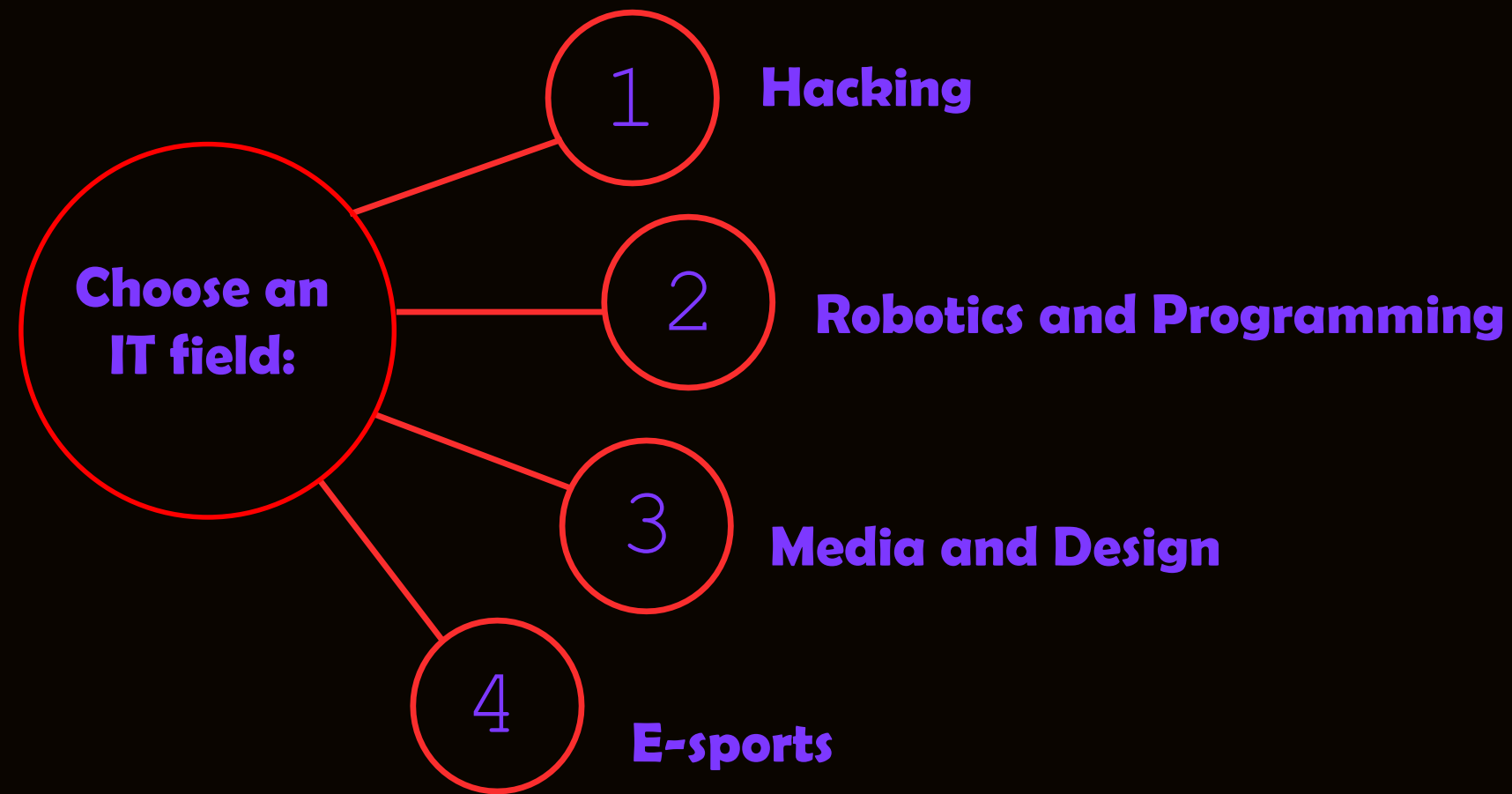
**Gain project management skills by running joint IT projects over a three to six-month period.**

**This initiative is expected to:**



**Serve as a model to replicate on the national education level**

**Ensure equal opportunities for children and youth**





# ACTIVE VILNIU

**A digital rental system of various leisure facilities in the city.**

**500+** public sports grounds mapped in one place

**Better distribution** of people between locations

**Sustainable solution:** saves travel costs and informs of nearby facilities

# VILNIUS THREE- FLOOR MAP

1<sup>st</sup> floor



Ground floor



Underground



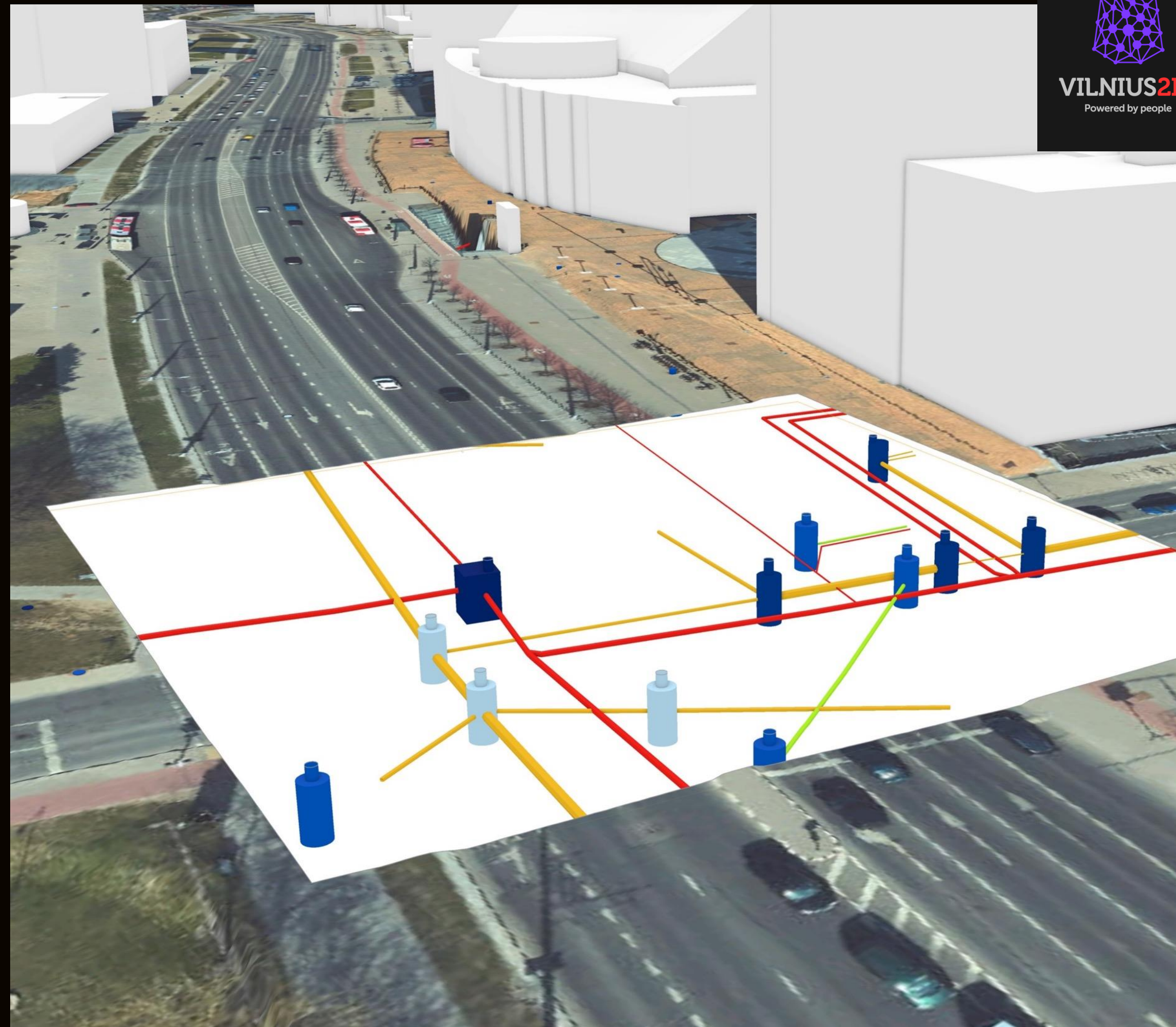
# VILNIUS THREE-FLOOR MAP

Underground

In 2020, Vilnius digitalised its underground.

More proactive exploitation

Map usage rights were granted to the World of Tanks



# VILNIUS THREE-FLOOR MAP

## Ground floor

Initiatives run by applying technological tools to gather up-to-date data.

**The Wolf of Real Estate**

**Intelligent City Lungs**

**Intelligent City Brain**



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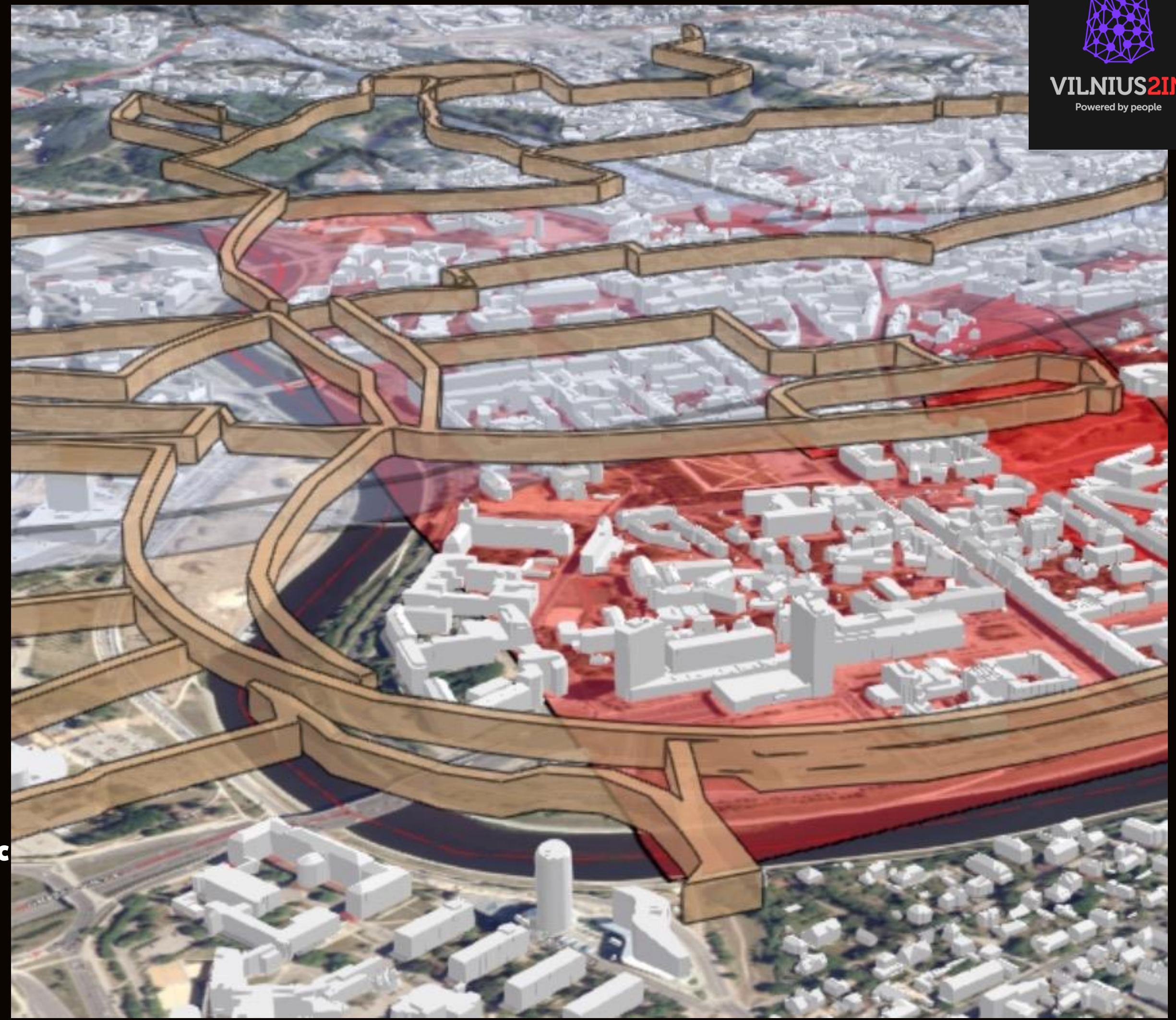
# VILNIUS THREE-FLOOR MAP

## 1st floor

Vilnius is a drone-friendly city, now managing its own air space.



- Initiated a change in national legislation
- Installed drone stations
- Used drones to manage COVID-19 pandemic
- Established an operation centre
- Built infrastructure
- Created a map



# INTELLIGENT ENERGY LAB

**A platform created to unite various stakeholders that care about efficient energy use, sustainability and the city's modern energy sector.**

- **The platform unites 52 entities, 19 ideas and 7 projects.**
- **Within a year, the IEL expanded to the national level in the field of green transport.**

## **Notable projects:**

- 1. Digital twin**
- 2. 5G to measure water use**
- 3. Renewable electricity for heating**



# WE ARE

# CITY

The internal ecosystem building initiative encouraging best practice sharing.



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- The mayor and 17 directors of the biggest city-owned companies meet every two months
- 30,000 employees and 300 entities covered
- We are City CEO has been replicated in other areas

CITY INNOVATIVE VISION

EXPERIMENTING

ESCALATING

ECOSYSTEM BUILDING

EXPANDING

# CITY'S TECH

# ECOSYSTEM (2+2=5)

## FINTECH

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**Largest Fintech Hub in the EU in terms of licensed companies (EUCLID Register, 2020)**

## LIFE

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## SCIENCES

**In Vilnius, ThermoFisher factory has been built in only 4 months**

## ICT

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**#3 globally for digital/technological skills availability (IMD World Competitiveness Yearbook, 2020)**

## LASERS

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**90 of the world's top 100 universities (QS Ranking) are using Lithuanian lasers and laser systems (Invest Lithuania, 2019)**

**We develop clusters**

**We run 4 high-tech industrial parks**

**We invest in physical infrastructure**



# GEDIMINAS LEGION

**The volunteer project proved to be a life-saving practice once the COVID-19 pandemic hit.**

- **Started as a city-resilience test**
- **From 70 to 2,000 volunteers in just two weeks**
- **Recognised by the national parliament as an exceptional example of leadership**
- **Helped manage cyber threats at the Ukraine-Russia border**



# VILNIUS METHOD

To sustain the local economy and keep residents happy during the COVID-19 pandemic, Vilnius opened:

- Outdoor public spaces to cafes and bars while ensuring physical distance
- A public beach in the middle of the city



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VILNIUS IS THE

BEST PLACE FOR

TRYING

CITY INNOVATIVE VISION

EXPERIMENTING

ESCALATING

ECOSYSTEM BUILDING

EXPANDING