

University Campus in a Smart and Sustainable City Vilno



Construction of an innovative University Campus as a part of the creation of a new sustainable city of Vilne, located between Kyiv and the village of Bilogorodka.

The core of the University Campus and the initiator of its creation is Taurida National University named after Volodymyr Vernadsky (TNU). The University Campus will be created on PPP basis on the land plot 26.3 hectares that belong to the Initiator of PPP proposal (the land plot will be transmitted to the state).

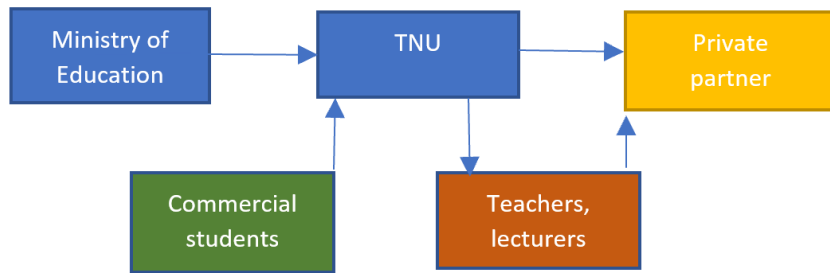
110,000 sq.m of non-residential buildings for the provision of educational services, 95,000 sq.m. of dormitories, and 95,000 sq.m of residential buildings for teachers will be built in the framework of the Project

Financing model

Private investments, USD million **192.9**

Construction of the road to Campus in the framework of government support of PPP for the expense of the State Road Fund, USD million **11.89**

Total investments in the Project, USD million **204.79**



| | Scenario 1 | Scenario 2 | Scenario 3 |
|---|------------|------------|------------|
| Term of the contract, years | 18 | 24 | 35 |
| Annual payment from the state budget for free of charge students, USD million | 18.5 | 15 | 12.3 |



| | In 3 years | In 6 years | In 8 years |
|---|------------|------------|------------|
| Total number of students, including: | 6000 | 12000 | 18000 |
| that will be studied at the expense of the state budget | 1650 | 3300 | 6300 |
| foreign students | 3000 | 6000 | 9000 |

People-first elements

❑ Access and Equality

University Campus will be disability and gender sensitive, it will be located in safe, inclusive and innovative environment. University will use up-to-date approaches to youth education and lifelong learning for people who have lost their jobs enabling them to acquire relevant skills for employment, decent jobs and entrepreneurship in Ukraine. As a result of the Project implementation all citizens of the Campus and the new city will have access to adequate, safe and affordable housing and basic services, accessible and sustainable transport systems, favorable environment, and universal access to green and public spaces.

❑ Economic effectiveness including fiscal sustainability

University Campus will promote sustainable development through education for sustainable development and sustainable lifestyle. Enhancing the scientific innovative researches & upgrading the technological capabilities will be achieved, the number of researchers and development workers will increase. For the first 10 years of the Project implementation a private partner will pay about USD 60 million taxes only to the State Budget

❑ Environmental sustainability and resilience

All buildings in the new town including University Campus will have the energy efficiency class "A +++", the town light system will use LEEDs, Bream & other equipment with classification not lower than Gold. The city will introduce a citywide system for separate collection of household waste. All these measures will provide optimal use of energy and water, minimize greenhouse gas emissions and guarantee of environmental sustainability of the Project. The modular principle of low-floor development with the formation of a green zone and public space for recreational purposes with the possibility of temporary or permanent overlap between buildings (atrium). Public Spaces of the Campus - 65% of its territory.

❑ Replicability

The Project has a great potential to be repeated in the framework of the administrative reform in Ukraine and during the process of establishing an urban agglomeration near Kyiv. Its implementation will increase capacities of local authorities in urban development with wide utilization of new innovative technologies and natural based decisions. This Project could be replicable in other regions of Ukraine also as a model of creating University Campus

❑ Stakeholder engagement

Ministry of Education and Science of Ukraine (the public partner), jointly with the National Academy of Science of Ukraine, Academy of Pedagogical Sciences of Ukraine, Taurida National University named after Volodymyr Vernadsky, Ukrainian Union of Industrialists and Entrepreneurs, Bilgrad Ltd. (Initiator of PPP proposal), Ukrainian PPP Center, PPP Academy



Learnings

The main problems in implementing People First PPPs in developing economies with limited PPP experience :

- the public authorities have a negative attitude towards supporting PPP projects at the expense of the state budget, especially now, when budget reduces as result of pandemic
- the public authorities are not ready for institutional & financial innovations and prefer to use traditional approaches - it is easier for them to explain why something cannot be done than to change the existing regulation/approaches to implement a project that is important for society



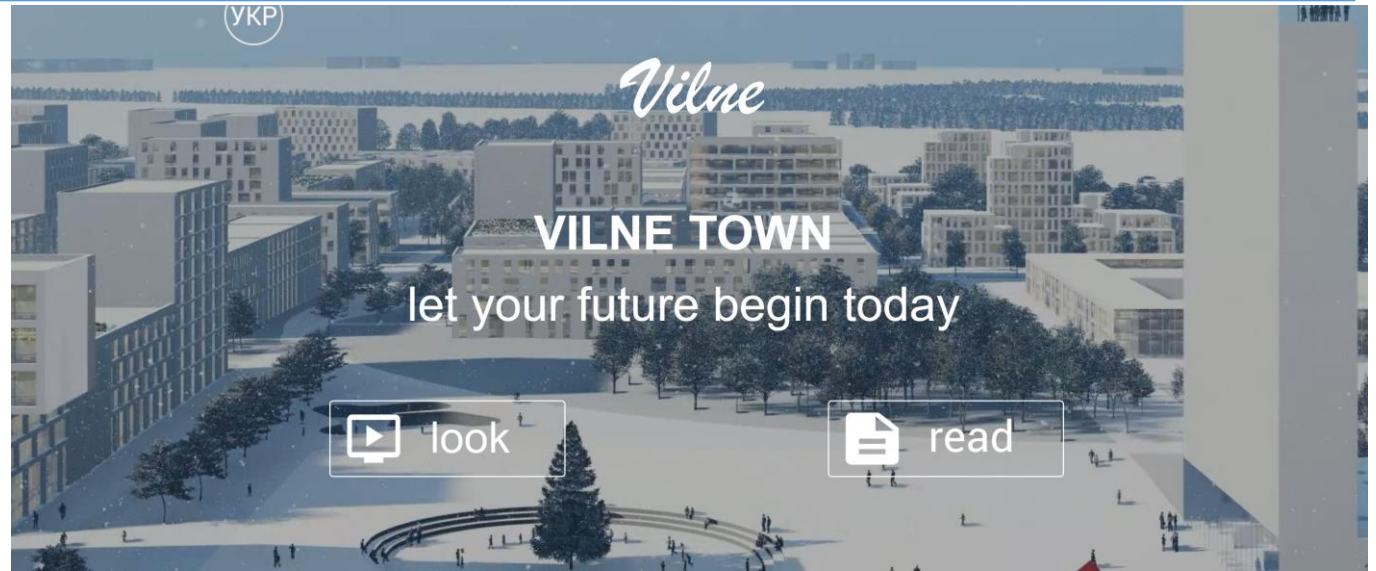
How such problems could be resolved?

- Sharing experience of implementing institutional & financial innovation
- Trainings
- Working discussions between private business and public authorities

More details and contacts

Video and description of the Project are available on

<http://vilne.madein.ua/index2.html>



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Project "University campus in a smart and sustainable city "Vilne" (2019 – 2020)



The project envisages the construction of a modern university campus within the village of Belogorodka, Kyiv region, to locate there Tavriya National University named after Vernadsky (hereinafter - TNU), moved to Ukraine from the occupied Crimea, which will allow to restore the activities of this university to the extent that existed before the annexation of Crimea, but at a new quality level. The university campus will be the basis for the creation of a new smart and sustainable city Vilne, within the construction and operation of which will be developed new modern approaches to creating comfortable cities for people to live.

The project is proposed for implementation on PPP terms as an unsolicited proposal. The initiator of the Project is - LLC Bilgrad. The Academy together with LLC PPP Consulting has prepared a Proposal on implementation of a public-private partnership (feasibility study) for the Project.

The current status: the project is included in the compendium of the 500 best UNECE People First PPP projects. It is under consideration by the Ministry of Education and Science of Ukraine

News about the Project implementation will be available on

<https://app.com.ua/en/ppp-projects/>

