



University's impact on regional and local development through entrepreneurship and valorisation

Vision and Aims	<ul style="list-style-type: none"> ○ To improve the regional/national partnership between university and regional/national industry to increase the impact on the implementation of the National/Regional Research and Innovation Strategies for Smart Specialisation (RIS3); ○ To boost the engagement of universities in RIS3, through a more coordinated response in line with their third mission – to look at them from the inside, with the innovation ecosystem driven perspective involving university/industry/society cooperation to improve and optimise their internal working dynamics; ○ To take the role of a key enabler of innovation enhancing entrepreneurship in the regional ecosystem.
Target Audience	Region and the city, in this case capital Vilnius
Key Features	<p>The city of Vilnius is a unique location for testing and applying the University's piloting activities and the latest technologies of the smart city and smart society - the "sandbox" of VILNIUS TECH technological expertise.</p> <p>The University works proactively and directly with the city of Vilnius, helping Vilnius, as the largest city in the country, to be smart in all possible ways: senses, growth, digitization, innovation, contribution to the creation of technological businesses (e.g. financial technology, energy, digitization, IT, urban planning, communication, etc.). The aim is to create conditions for communication with the community in order to achieve effective communication in the creation and planning of urban spaces.</p> <p>The University is one of the main partners in positioning Vilnius as a center of attraction for international talent and for foreign investors. For example, more than 20 meetings with potential foreign investors are coordinated by Invest Lithuania per year. The University has directly contributed to contacts with investors such as Moody's, Booking, com, Epam Systems, Assenture baltics, Bazaarvoice and others in Vilnius.</p> <p>Targeted partnerships have been set up to implement individual initiatives: Intelligent Energy lab to create renewable and energy-efficient energy management solutions; with advertising company (owned by the city) Go Vilnius to promote Vilnius as a center of attraction; hackathon to solving societal and</p>

	<p>economical city challenges called Hack4Vilnius; use of city open data to create city innovations, etc.</p> <p>Vilnius city (region) and VILNIUS TECH are connected by a unique and sustainable partnership. Its spectrum is extremely wide, and the impact is important for all city residents. VILNIUS TECH was the initiator and developer of the Horizon 2020 (H2020) European Smart City Lighthouse project for the regeneration of residential areas in the capital and the initiator of the H2020 project for Vilnius city emergency research, Partner of the Digital Innovation Center in Vilnius (EDIH). A smart city - data mining, processing, development and modeling of new solutions for digital city infrastructure and buildings, transport systems - is an extremely wide field of competence and activity of the university.</p> <p>University researchers contribute to the management and preservation of Vilnius city heritage and the creation of new cultural spaces, including Gediminas Hill geodetic surveys and the creation of its 3D digital twin to carry out its management and underground research, and the presentation of Bernardine Garden improvement solutions. Researchers of the Faculty of Civil Engineering - participants of the H2020 program project ROCK (“Regeneration and Optimization of Cultural Heritage in Creative and Knowledge Cities”) - jointly organised more than 30 different events for the city of Vilnius, where innovative technologies for measuring the city's emotions were applied. Demonstration of these solutions has attracted a great deal of interest in presenting solutions for cities in international exhibitions and international seminars on the quality of life in the city. Students contributed to the development of the vision of the city of Vilnius: worked on TOPD systems for the inspection of topographic-engineering photographs, supervised the inclusion of project proposals in www.geoportal.lt "3D Vilnius", and performed work in the analysis, modeling and GIS departments.</p> <p>Since 2018, the LinkMenu Factory of the University, together with the city of Vilnius, has been implementing the project “Establishment of an Open Technical Creative Workshop FabLab in Vilnius Schools and Training in the Development of Equipment”. During the project implementation period from 2018 to 2020, FabLab workshops were established in 35 Vilnius schools. More than 100 teachers and 720 students of Vilnius city schools participated in FabLab trainings.</p> <p>The University is expanding the promotion of STEAM activities by setting up FabLab workshops and organising FabLab trainings in other regions of Lithuania. Since 2020, the University, together with MB “Creative Innovations” and Visaginas City Municipality, has been implementing the project “Establishment of Visaginas Innovation Cluster”. The University works in equipment acquisition, space planning and training activities.</p>
<p>Achievements & Learnings</p>	<p>The University is able to scale its valorisation services, products, solutions for other regions. We cooperate in various ways with regions/ cities/ businesses from SMEs to multinational corporations:</p> <ul style="list-style-type: none"> ▪ Clients for R&D services at VILNIUS TECH research centres and labs

	<ul style="list-style-type: none"> ▪ Partners in international (e.g. Horizon2020, Baltic Sea Region) R&D innovation programmes projects ▪ Patents, licenses ▪ Clients for training courses, industrial PhD programmes (BIM, Aviation, Digital post-production, IT etc.) ▪ Training and qualification development programmes for companies ▪ Internships, work placements ▪ Lectures, topics for the students' final thesis ▪ Industrial PhDs ▪ Visits to the companies ▪ Investors for development of students' technical creativity ▪ Support (Mentors for the developers of technological ideas and investors for the development of their businesses)
Launch Date & Duration	constantly
Partners/Sponsors	EU Horizon 2020, national and regional funding, own resources
Further Information	<ul style="list-style-type: none"> ○ https://vilniustech.lt/for-business/knowledge-and-technology-transfer-centre/8242 ○ https://vilniustech.lt/linkmenu-fabrikas/103864?lang=2 ○ https://cordis.europa.eu/project/id/730280 ○ https://ssmtp.lt/en/hackathon-hack4vilnius/
Contact	<p>Vilma Purienė</p> <p>Director of Knowledge and Technology Transfer Centre Vilnius Gediminas technical university</p> <p>Saulėtekis ave. 11-1103, 10223, Vilnius, Lithuania Tel. +370 52512488 Mob. +370 656 88 162 vilma.puriene@vilniustech.lt tto@vilniustech.lt www.vilniustech.lt</p>