Lithuania (LT)

Lithuania's national platform for digitising industry is *Pramonė 4.0*[1] which was launched in 2016 as a result of a bilateral German-Lithuanian Conference on "Industry 4.0".

The Ministry of Economy is preparing a new programme of EU Structural funds that will allocate EUR 18 million for the development and strengthening of digital innovation hubs (DIHs) in Lithuania and promoting their integration in international networks. The main objective of this measure is to encourage enterprises to invest in digital innovation, enabling industry to get the latest information, expertise and access to the technology for testing digital innovation with company's products, processes or business models. The first call under this measure will be in 2019. Expected duration of the measure is 36 months (by the end of 2021). According to the success of the measure and additional support needs for development of DIHs this measure may be extended and mobilised additional funding.

On a **national level** Lithuania has *6 Digital Innovation Hubs* (4 fully operational and 2 in preparation) covering various market domains (agriculture, fishing, construction, manufacturing (food products, textiles, chemicals, basic and fabricated metal products, electrical and optical equipment, machinery, electrical equipment), transport, electricity, public administration, education and health) through a large spectrum of technology areas presented as follows:

- Additive manufacturing (3D printing)
- Advanced or High-performance computing
- Artificial Intelligence and cognitive systems
- Augmented and virtual reality, visualization
- Broadband and other communication networks (e.g. 5G)
- Cloud computing
- Cyber security (including biometrics)
- Data mining, big data, database management
- Gamification
- ICT management, logistics and business systems
- Interaction technologies (e.g. human-machine Interaction, motion recognition and language technologies)
- Internet of Things (e.g. connected devices, sensors and actuators networks)
- Internet services (e.g. web development, web production, design, networking, and e-commerce)
- Location based technologies (e.g. GPS, GIS, in-house localization)
- Micro and nano electronics, smart system integration
- New Media technologies
- Photonics, electronic and optical functional materials
- Organic and Large Area Electronics (OLAE)
- Robotics and autonomous systems
- Screens and display technologies
- Sensors, actuators, MEMS, NEMS, RF
- Simulation and modelling
- Software as a service and service architectures

[1] Pramonė 4.0, http://www.industrie40.lt/platform/

On a **regional level**, each hub's activities seem to be aligned with the RIS3 strategies. A concise list of all hubs on national and regional level is presented as follows:

1. Fully operational DIHs

Hub name	City	NUTS2 region	Country	Smart Specialisation (SS)	Link to SS	AI	HPC	Cyber Security	Association to EU-funded project
Advanced Manufacturing Digital Innovation Hub	Vilnius	Lietuva (NUTS 2013)	Lithuania	Manufacturing	New production processes, materials and technologies	-	-	-	"Smart Factories in the new EU Member States" project
Laser Digital Innovation Hub (LaserLT DIH)	Vilnius	Lietuva (NUTS 2013)	Lithuania	Laser	New production processes, materials and technologies	-	-	-	I4MS
Lithuanian robotic DIH (LTroboticsDIH)	Vilnius	Lietuva (NUTS 2013)	Lithuania	Robotics	New production processes, materials and technologies	X	-	-	I4MS
Sunrise Valley Digital Innovation Hub (SV DIH)	Vilnius	Lietuva (NUTS 2013)	Lithuania	General innovation	New production processes, materials and technologies	X	X	X	"Smart Factories in the new EU Member States" project

2. In preparation DIHs

Hub name	City	NUTS2 region	Country	Association to EU-funded project
Baltic Maritime Digital Innovation Hub	Klaipeda	Lietuva	Lithuania	-
Santaka Valley	Kaunas	Lietuva	Lithuania	-

3. RTOs/universities that had a DIH role in an EU project

A list of RTOs/universities that have participated in the EU FP7 and H2020 projects, and *are not mentioned above*, is presented in the following tables:

a. H2020 participation[2]

Project Topic Code	Project Acronym	Project Duration	Project End Date	Participant Legal Name	Participant Role	Participant Short Name	Core Legal Entity Type	Research Organisation	Project Topic Code

[2] Data available in CORDIS (http://cordis.europa.eu/home_en.html) and in the European Commission databases.

FoF-2015	ReconCell	36	31/10/2018	UAB PRECIZIKA METAL	PARTICIPANT	PRZM	PRIVATE	No	FoF-2015
FOF-12-2017	L4MS	42		LIETUVOS ROBOTIKOS ASOCIACIJA	PARTICIPANT	LRA	PRIVATE	No	FOF-12-2017

b. FP7 participation[2]

Project Number	Project Acronym	Project Duration	Project Start Date	Project End Date	Project Number of Participants	Participant Short Name	Participant Legal Name	Participant Role	Organisation Type
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	VITTAMED	UAB Vittamed	Participant	PRC
Project Number	**Project Acronym**	**Project Duration**	**Project Start Date**	**Project End Date**	**Project Number of Participants**	**Participant Short Name**	**Participant Legal Name**	**Participant Role**	**Organisation Type**
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	EKSPLA	EKSPLA UAB	Participant	PRC
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	FTMC	VALSTYBINIS MOKSLINIU TYRIMU INSTITUTAS FIZINIU IR TECHNOLOGIJOS MOKSLU CENTRAS	Coordinator	REC
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	ELAS, UAB	ELAS UAB	Participant	PRC

4. Regions in Lithuania that have no DIHs

- Vidurio ir vakarų Lietuvos regionas