

Slovenia (SI)

Slovenia's national initiative for digitising industry, which is currently under preparation, is *Slovenian Digital Coalition – digitalna.si*.¹

On a **national level** Slovenia has 7 *Digital Innovation Hubs* (6 fully operational and 1 preparation status) 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

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
Digital Innovation Hub	Murska Sobota	Vzhodna Slovenija	Slovenia	Smart Manufac	SI_ndustr y 4.0 -	-	-	-	-

¹ Slovenian Digital Coalition – digitalna.si, <http://www.digitalna.si/si/>

Hub name	City	NUTS2 region	Country	Smart Specialisation (SS)	Link to SS	AI	HPC	Cyber Security	Association to EU-funded project
for Smart Manufacturing				turing	Smart Factories				
Digital Innovation Hub of Eastern Slovenia (DIGITECH SI - East)	Celje	Vzhodna Slovenija	Slovenia	Manufacturing	SI_Industry 4.0 - Smart Factories	X	-	X	I4MS (HORSE)
DIH AGRIFOOD - Digital Innovation Hub for Agriculture and Food production	Murska Sobota	Vzhodna Slovenija	Slovenia	Agrifood	Sustainable food production	X	-	-	-
HPC5 - High Performance and Cloud Computing Cross-border Competence Consortium	Nova Gorica	Zahodna Slovenija	Slovenia	HPC and cloud computing	SI_Industry 4.0 - Smart Factories	X	X	X	I4MS (Fortissimo 2)
Jožef Stefan Institute	Ljubljana	Zahodna Slovenija	Slovenia	Development of Materials as Products, Smart buildings and homes	-	X	X	X	I4MS (RECONCELL), SAE (TETRAMAX), "Smart Factories in new EU Member States" project
Styrian Technology Park, STP	Pesnica pri Mariboru	Vzhodna Slovenija	Slovenia	General innovation	Smart Cities and Communities	-	-	-	-

2. In preparation DIHs

Hub name	City	NUTS2 region	Country
Digital Innovation Hub Slovenia	Ljubljana	Zahodna Slovenija	Slovenia

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 participation²

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
FoF-09-2015	ReconCell	36	31/10/2018	ELVEZ, PROIZVODNJA KABELSKE KONFEKCIJE IN PREDELAVA PLASTICNIH MAS DOO	PARTICIPANT	ELVEZ	PRIVATE	No	FoF-09-2015
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
FoF-09-2015	Fortissimo 2	36	31/10/2018	MAGNETI LJUBLJANA PODJETJE ZA PROIZVODNJO MAGNETNIH MATERIALOV DD	PARTICIPANT	MAGNETI	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	EMO-ORODJARNA DOO	PARTICIPANT	EMO	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	ARCTUR RACUNALNISKI INZENIRING DOO	PARTICIPANT	ARCTUR	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	XLAB RAZVOJ PROGRAMSKE OPREME IN SVETOVANJE DOO	PARTICIPANT	XLAB	PRIVATE	N/A	FoF-09-2015
FoF-09-2015	HORSE	54	30/04/2020	ZAVOD-CENTER SLOVENSKEGA ORODJARKEGA GROZDA CELJE	PARTICIPANT	TCS	PRIVATE	No	FoF-09-2015

b. FP7 participation²

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	XLAB	XLAB RAZVOJ PROGRAMSKE OPREME IN SVETOVANJE DOO	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	ARCTUR	ARCTUR RACUNALNISKI INZENIRING DOO	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	PIPISTREL	PIPISTREL PODJETJE ZA ALTERNATIVNO LETALSTVO DOO AJDOVSCINA	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	HIDRIA	HIDRIA AET d.o.o. Druzba za proizvodnjo vzgihnih sistemov in elektronike d.o.o.	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	ARCTUR	ARCTUR RACUNALNISKI	Participant	PRC

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

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4. Regions in Slovenia that have no DIHs

None