

Cyprus (CY)

Cyprus currently has a national policy initiative on digitising industry under preparation (*National Integrated Industrial Strategy 2017-2030*), however it seems that some bottom-up investments have taken place on regional level to support the development of Digital Innovation Hubs.

On a **national level** Cyprus has 3 *Digital Innovation Hubs* (1 fully operational and 2 in preparation status) covering various market domains (agriculture, health, construction, transport, manufacturing (food products, textiles, chemicals, basic and fabricated metal products, electrical and optical equipment, machinery, electrical equipment), electricity and energy sector, retail, education, fishing, and mining) through a large spectrum of technology areas presented as follows:

- Additive manufacturing (3D printing)
- Artificial Intelligence and cognitive systems
- Augmented and virtual reality, visualization
- Broadband and other communication networks (e.g. 5G)
- Cloud computing
- Cyber physical systems (e.g. embedded systems)
- Cyber security (including biometrics)
- Data mining, big data, database management
- 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
- Photonics, electronic and optical functional materials
- Robotics and autonomous systems
- 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 |
|-------------------------------|---------|--------------|---------|---------------------------|------------|----|-----|----------------|----------------------------------|
| Cyprus Digital Innovation Hub | Nicosia | Kypros | Cyprus | Manufacturing | ICT | X | - | - | - |

2. In preparation DIHs

| Hub name | City | NUTS2 region | Country |
|---|----------|--------------|---------|
| Cyprus University of Technology Robotics Control and Decision | Limassol | Kypros | Cyprus |

| | | | |
|---|---------|--------------|---------|
| Systems Competence Center (CUT-RCDS-CC) | | | |
| Hub name | City | NUTS2 region | Country |
| KIOS Innovation Hub (KIH) | Nicosia | Kypros | Cyprus |

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 participation¹

| 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-12-2017 | L4MS | 42 | | ENGINO.NET LTD | PARTICIPANT | ENGINO | PRIVATE | No | FOF-12-2017 |
| FOF-12-2017 | L4MS | 42 | | TECHNOLOGIKO PANEPISTIMIO KYPROU | PARTICIPANT | CUT | PUBLIC | Yes | FOF-12-2017 |
| FOF-12-2017 | AMable | 48 | | FREDERICK RESEARCH CENTER | PARTICIPANT | FRC | PRIVATE | Yes | FOF-12-2017 |

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 |
|----------------|------------------|------------------|--------------------|------------------|--------------------------------|------------------------|----------------------------------|------------------|-------------------|
| 609046 | LASHARE | 48 | 01-Sep-2013 | 31-Aug-2017 | 69 | ALS | ALS MARINE CONSULTANTS LTD | Participant | PRC |
| 601116 | ECHORD Plus Plus | 60 | 01-Oct-2013 | 30-Sep-2018 | 107 | CUT | TECHNOLOGIKO PANEPISTIMIO KYPROU | Participant | HES |
| 601116 | ECHORD Plus Plus | 60 | 01-Oct-2013 | 30-Sep-2018 | 107 | HEL | HELIKAS ROBOTICS LTD | Participant | PRC |

4. Regions in Cyprus that have no DIHs

None

¹ Data available in CORDIS (http://cordis.europa.eu/home_en.html) and in the European Commission databases

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