

## Spain (ES)

Spain's national initiative for digitising industry is *Industria Conectada 4.0 (CI4.0)*.<sup>1</sup> Launched in 2015, this initiative is part of the Spanish Digital Agenda and aims at increasing the awareness about Industry 4.0 and in particular at enhancing the development of a marketplace where suppliers of potential solutions for Industry 4.0 and customers of such services and products can get connected.

The Digital platform vision is one that connects the initiatives and mirror actions planned and intended for such purposes at regional level. The role of digital platforms is also the development of a collaborative environment for best-practice and success story sharing. The digital innovation hub strategic action line of the CI4.0 national initiative is framed in the context of the Clustering national strategy that has supported the development of up to 98 (Innovation Enterprise Association) with annual investments in the order of 11 M€.

On a **national level** Spain has 65 *Digital Innovation Hubs* (47 fully operational and 18 in 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

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<sup>1</sup> Industria Conectada 4.0, <http://www.industriaconectada40.gob.es>, <https://www.eoi.es/es/empresas/industria-40>

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
5GBarcelona	Barcelona	Cataluña	Spain	5G	-	-	-	-	-
5TONIC Open 5G Lab 5TONIC	Leganes, Madrid	Comunidad de Madrid	Spain	5G	ICT and Services of high value added	-	-	-	-
AIR4S - Artificial Intelligence & Robotics for Sustainable Development Goals	Madrid	Comunidad de Madrid	Spain	AI and robotics	ICT and Services of high value added	X	X	X	-
Barça Innovation Hub (BIHUB)	Barcelona	Cataluña	Spain	General innovation	Cultural and Experience Based Industries	X	X	-	-
Barcelona Activa SA SPM	Barcelona	Cataluña	Spain	General innovation	-	-	-	-	-
Basque Digital Innovation Hub (BDIH)	Bilbao	País Vasco	Spain	Advanced manufacturing	Advanced manufacturing to transform Basque industry	X	X	X	-
BIC EURONOVA S.A.	Málaga	Andalucía	Spain	General innovation	-	-	-	-	-
Canary Island Digital Innovation Hub (CIDHub)	Santa Cruz de Tenerife	Canarias (ES)	Spain	HPC and cloud computing	Digital Economy	X	-	-	-
Catalonia AI DIH	Barcelona	Cataluña	Spain	General innovation	-	X	X	X	-
Centre d'Innovació i Tecnologia de la UPC (CIT UPC)	Barcelona	Cataluña	Spain	General innovation	-	X	X	-	SAE (TETRAMAX)
Centro Nacional de Tecnología de Riegos (CENTER)	San Fernando de Henares (Madrid)	Comunidad de Madrid	Spain	General innovation	ICT and Services of high value added	-	-	-	-
Cybersecurity Innovation HUB	León	Castilla y León	Spain	Cybersecurity	ICT	X	-	X	-
Data Science and Computational Intelligence Innovation	Granada	Andalucía	Spain	AI and data science	-	X	-	-	-

<b>Hub (DaSCII Hub)</b>									
<b>Digital Innovation Hub Andalucía Agrotech</b>	Sevilla	Andalucía	Spain	Agrotech	Healthy and safe food	X	X	X	-
<b>Digital Water Innovation Hub (Digital Water)</b>	Lleida	Cataluña	Spain	Digital water	Energy and Natural Resources	X	-	-	-
<b>DIHBU Industry 4.0</b>	Burgos	Castilla y León	Spain	General innovation	-	X	-	-	I4MS (L4MS)
<b>Dinapsis DIH</b>	Benidorm	Comunidad Valenciana	Spain	General innovation	-	X	-	X	-
<b><u>espaitec Science and Technology Park</u></b>	Castellon	Comunidad Valenciana	Spain	General innovation	-	-	-	-	-
<b>ETICOM, Digital economy cluster in Andalusia</b>	Seville	Andalucía	Spain	IT	-	-	X	X	-
<b>Experience-based industries Hub (e!xperience)</b>	Barcelona	Cataluña	Spain	General innovation	Industrial systems	-	-	X	-
<b>GALician manufACTuring Innovation ConsortiA (GALACTICA)</b>	O Porriño	Galicia	Spain	Manufacturing	-	X	X	X	-
<b>Granada Health Technology Park</b>	Granada	Andalucía	Spain	Health and ICT	Health and well-being systems	X	-	-	-
<b>Granada Plaza Tecnológica y Biotecnológica</b>	Granada	Andalucía	Spain	Biotechnology	-	-	-	-	-
<b>HPC-Cloud and Cognitive Systems for Smart Manufacturing processes, Robotics and Logistics.</b>	Zaragoza	Aragón	Spain	HPC, robotics and logistics	-	X	X	-	-
<b>Hub 4.0 of Manufacturing Sectors in Valencian Region</b>	Valencia	Comunidad Valenciana	Spain	CPS, IoT	Advanced Manufacturing Processes	X	-	-	I4MS (HORSE)
<b>i4CAM HUB (Innovation for competitiveness and advanced manufacturing)</b>	Tomelloso	Castilla-la Mancha	Spain	Advanced Manufacturing	Traditional manufactures such as shoe industry / footwear, textile, ceramic materials and metal mechanical industry	-	-	-	I4MS (CLOUDFLOW)

<b>Industrial Ring</b>	Barcelona	Cataluña	Spain	General innovation	-	-	X	-	-
<b>Industrial Technology Knowledge DIH</b>	Linares	Andalucía	Spain	General innovation	-	-	X	-	-
<b>Innovalia ZDM Digital Innovation Hub</b>	Amorebieta-Etxano	País Vasco	Spain	Zero Defect Manufacturing, automation, IoT, CPS	Advanced manufacturing to transform Basque industry	X	X	X	I4MS (MIDIH, BEinCPPS)
<b>Innovation for Manufacturing in the South (I4MSOUTH)</b>	Murcia	Región de Murcia	Spain	IoT and CPS in manufacturing	-	X	-	X	I4MS (L4MS), SAE (TETRAMAX)
<b>Insomnia Digital Innovation Hub</b>									
<b>International Advanced Manufacturing 3D Hub (IAM 3D HUB)</b>	Barcelona	Cataluña	Spain	Additive Manufacturing, 3D printing	Design-based industries	-	-	-	-
<b>IoT Catalan Alliance</b>	Barcelona	Cataluña	Spain	IoT	-	-	-	-	-
<b>IoT DIH</b>	Salamanca	Castilla y León	Spain	IoT	-	X	-	-	-
<b>IoT-SmartSantander DIH</b>	Santander	Cantabria	Spain	IoT	-	-	-	-	-
<b>ITI Data Hub (The Data Cycle Hub)</b>	Valencia	Comunidad Valenciana	Spain						
<b>La Salle Technova Barcelona</b>	Barcelona	Cataluña	Spain	General innovation	-	X	X	X	-
<b>National Digital Contents Hub, POLO</b>	Malaga	Andalucía	Spain	General innovation	-	-	-	-	-
<b>NAVARDMIHub: Navarra Region Digital Manufacturing Innovation HUB</b>	Pamplona Navarra	Comunidad Foral de Navarra	Spain	Manufacturing	Mechatronics	X	X	-	I4MS (BEinCPPS)
<b>Parque Tecnológico de Andalucía (PTA)</b>	Malaga	Andalucía	Spain	General innovation	-	X	X	X	-
<b>REIMAGINE Textile</b>	Mataró	Cataluña	Spain	Manufacturing	Industrial systems	-	-	X	SAE (SmartEEs)
<b>RIOHUB</b>	Logroño	La Rioja	Spain	CPS, IoT	-	X	-	X	I4MS (BEinCPPs)
<b>RoboCity2030</b>	Madrid	Comunidad de Madrid	Spain	Robotics	ICT and Services of high value added	X	-	-	-

<b>Robotics Digital Innovation Hub</b>	Seville	Andalucía	Spain	Robotics	-	X	-	-	-
<b>SmartCityTech</b>	San Sebastian	País Vasco	Spain	General innovation	-	-	-	-	-
<b>Technologies for Efficiency Digital Innovation Hub Extremadura</b>	Badajoz	Extremadura	Spain	ICT	ICT, clean energies	-	X	X	-
<b>TECNOCAMPUS TECHNOLOGY PARK</b>	Mataró	Cataluña	Spain	General innovation	-	-	X	X	-

## 2. In preparation DIHs

Hub name	City	NUTS2 region	Country	Association to EU-funded project
<b>Associació Clúster Digital de Catalunya</b>	Barcelona	Cataluña	Spain	-
<b>Barcelona Science Park</b>	Barcelona	Cataluña	Spain	-
<b>Cluster of Sustainable Building of Andalusia</b>	Padul	Andalucía	Spain	-
<b>Digital Farming Hub</b>	Lleida	Cataluña	Spain	-
<b>Digital Innovation Hub for the Galician Agrifood Sector (Part of the Bioeconomy Hub)</b>	Santiago de Compostela	Galicia	Spain	-
<b>DIH on Healthcare – Basque Country (SALUD 4.0)</b>	Vitoria	País Vasco	Spain	-
<b>Ecosistema W</b>	Badajoz	Extremadura	Spain	-
<b>EcoSysTem Hub for the promotion of high performMance compUting cloud-based modelling and simulation services</b>	Barcelona	Cataluña	Spain	-
<b>Fundación Cajamar</b>	Almeria	Andalucía	Spain	-
<b>Galician Automotive Hub</b>	O Porriño	Galicia	Spain	-
<b>Galician Factory of Future HUB</b>	Vigo	Galicia		-
<b>iAsturias 4.0</b>	Gijon	Principado de Asturias	Spain	I4MS (no link project found but info came from the I4MS excel file that the I4MS CSA forwarded)
<b>Neàpolis</b>	Vilanova i la Geltrú	Cataluña	Spain	-
<b>Science and Technology Park Of Almeria, PITA S.A.</b>	Almeria	Andalucía	Spain	-
<b>SEK Lab EdTech Accelerator</b>	Madrid	Comunidad de Madrid	Spain	-
<b>Smart City Valladolid and Palencia (Smart City</b>	Valladolid	Castilla y León	Spain	-

VyP)				
<b>Hub name</b>	<b>City</b>	<b>NUTS2 region</b>	<b>Country</b>	<b>Association to EU-funded project</b>
Spanish Digital Innovation Hub for HPC (esHPC)	Barcelona	Cataluña	Spain	-
STP CARTUJA	Seville	Andalucía	Spain	-

### 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<sup>2</sup>

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	MADERAS BESTEIRO SL	PARTICIPANT	MADERAS	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	ETXE-TAR, S.A.	PARTICIPANT	ETX	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	ENGINE POWER COMPONENTS GROUP EUROPE SL	PARTICIPANT	EPC	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	FUNDACION CENTRO DE TECNOLOGIAS DE INTERACCION VISUAL Y COMUNICACIONES VICOMTECH	PARTICIPANT	VICOM	PRIVATE	Yes	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	TRIMEK SA	PARTICIPANT	TRIMEK	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	ASOCIACION DE INVESTIGACION METALURGICA DEL NOROESTE	PARTICIPANT	AIMEN	PRIVATE	Yes	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	FUNDACION PUBLICA GALLEGA CENTRO TECNOLÓGICO DE SUPERCOMPUTACION DE GALICIA	PARTICIPANT	CESGA	PRIVATE	N/A	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	UNIVERSIDAD DE SANTIAGO DE COMPOSTELA	PARTICIPANT	USC	PUBLIC	Yes	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	ATOS SPAIN SA	PARTICIPANT	ATOS	PRIVATE	No	FoF-09-2015
FoF-09-2015	BEinCPPS	36	31/10/2018	HOP UBIQUITOUS SL	PARTICIPANT	HOPU	PRIVATE	No	FoF-09-2015
FoF-09-2015	BEinCPPS	36	31/10/2018	MAIER TECHNOLOGY	PARTICIPANT	MTC	PRIVATE	Yes	FoF-09-2015

<sup>2</sup> Data available in CORDIS ([http://cordis.europa.eu/home\\_en.html](http://cordis.europa.eu/home_en.html)) and in the European Commission databases.

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FoF-09-2015	BEinCPPS	36	31/10/2018	TRIMEK SA	PARTICIPANT	TRIMEK	PRIVATE	No	FoF-09-2015
FoF-09-2015	BEinCPPS	36	31/10/2018	INSTITUTO TECNOLÓGICO DE INFORMÁTICA	PARTICIPANT	ITI	PRIVATE	Yes	FoF-09-2015
FoF-09-2015	I4MS-Growth	30	28/02/2018	CONSULTORES DE AUTOMATIZACIÓN Y ROBOTICA S.A.	PARTICIPANT	CARSA	PRIVATE	No	FoF-09-2015
FoF-09-2015	HORSE	54	30/04/2020	ROBERT BOSCH ESPAÑA FABRICA CASTELLET SA	PARTICIPANT	BOS	PRIVATE	No	FoF-09-2015
FoF-09-2015	HORSE	54	30/04/2020	ASOCIACION NACIONAL DE FABRICANTES DE BIENES DE EQUIPO	PARTICIPANT	SER	PRIVATE	No	FoF-09-2015
ICT-02-2014	SMARTER-SI	36	31/01/2018	IKERLAN SCL	PARTICIPANT	IKER	PRIVATE	Yes	ICT-02-2014
ICT-02-2014	GateOne	36	31/12/2017	IKERLAN SCL	PARTICIPANT	IKERLAN-IK4	PRIVATE	Yes	ICT-02-2014
ICT-04-2017	FED4SAE	36	31/08/2020	UNIVERSIDAD DE CANTABRIA	PARTICIPANT	UNICAN	PUBLIC	Yes	ICT-04-2017
<b>Project Topic Code</b>	<b>Project Acronym</b>	<b>Project Duration</b>	<b>Project End Date</b>	<b>Participant Legal Name</b>	<b>Participant Role</b>	<b>Participant Short Name</b>	<b>Core Legal Entity Type</b>	<b>Research Organisation</b>	<b>Project Topic Code</b>
ICT-15-2014	ODINE	30	31/07/2017	WAYRA INVESTIGACION Y DESARROLLO SL	PARTICIPANT	WAYRA		No	ICT-15-2014
FOF-12-2017	AMable	48	31/08/2021	ASOCIACION DE INVESTIGACION METALURGICA DEL NOROESTE	PARTICIPANT	AIMEN	PRIVATE	No	FOF-12-2017
FOF-12-2017	AMable	48	31/08/2021	CISCO SYSTEMS INTERNATIONAL B. V.	PARTICIPANT	CISCO	PRIVATE	Yes	FOF-12-2017
FOF-12-2017	AMable	48	31/08/2021	INDUSTRIAL DATA SPACE EV	PARTICIPANT	IDS	PRIVATE	Yes	FOF-12-2017
FOF-12-2017	AMable	48	31/08/2021	INSPIRE AG FÜR MECHATRONISCHE PRODUKTIONSSYSTEME UND FERTIGUNGSTECHNI K	PARTICIPANT	INSPIRE	PRIVATE	Yes	FOF-12-2017
FOF-12-2017	AMable	48	31/08/2021	TWI LIMITED	PARTICIPANT	TWI	PRIVATE	Yes	FOF-12-2017
FOF-12-2017	AMable	48	31/08/2021	ZABALA INNOVATION CONSULTING, S.A.	PARTICIPANT	ZABALA	PRIVATE	Yes	FOF-12-2017
FOF-12-2017	I4MS-Go	30	29/02/2020	AXENCIA GALEGA DE INNOVACION	PARTICIPANT	GAIN	PRIVATE	No	FOF-12-2017
FOF-12-2017	I4MS-Go	30	29/02/2020	FIWARE FOUNDATION EV	PARTICIPANT	FIF	PUBLIC	No	FOF-12-2017
FOF-12-2017	I4MS-Go	30	29/02/2020	FUNDACIO BARCELONA MOBILE WORLD CAPITAL	PARTICIPANT	MWC	PUBLIC	No	FOF-12-2017

				FOUNDATION					
FOF-12-2017	I4MS-Go	30	29/02/2020	FUNDINGBOX ACCELERATOR SP ZOO	COORDINATOR	FBOX	PUBLIC	No	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	AUTOMATISMOS Y SISTEMAS DE TRANSPORTE INTERNO SA	PARTICIPANT	ASTI	PRIVATE	No	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	CHEMI-PHARM AS	PARTICIPANT	CHEMI	PRIVATE	No	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	ENGINEERING - INGEGNERIA INFORMATICA SPA	PARTICIPANT	ENG	PRIVATE	Missing	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	ENGINO.NET LTD	PARTICIPANT	ENGINO	PRIVATE	No	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	FUNDACIO BARCELONA MOBILE WORLD CAPITAL FOUNDATION	PARTICIPANT	FMWC	PRIVATE	No	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	FUNDINGBOX ACCELERATOR SP ZOO	PARTICIPANT	FBOX	PRIVATE	Missing	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	KINE ROBOT SOLUTIONS OY	PARTICIPANT	KINE	PRIVATE	No	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	LIETUVOS ROBOTIKOS ASOCIACIJA	PARTICIPANT	LRA	PRIVATE	No	FOF-12- 2017
FOF-12-2017	L4MS	42	31/03/2021	MURAPLAST d.o.o.	PARTICIPANT	MP	PRIVATE	No	FOF-12- 2017
FOF-12-2017	MIDIH	36	30/09/2020	ATOS SPAIN SA	PARTICIPANT	ATOS SPAIN SA	PRIVATE	Yes	FOF-12- 2017
FOF-12-2017	MIDIH	36	30/09/2020	CEFRIEL - SOCIETA CONSORTILE A RESPONSABILITA LIMITATA	PARTICIPANT	CEFRIEL	PRIVATE	Yes	FOF-12- 2017
FOF-12-2017	MIDIH	36	30/09/2020	EIT DIGITAL	COORDINATOR	EIT DIGITAL	PRIVATE	Yes	FOF-12- 2017
FOF-12-2017	MIDIH	36	30/09/2020	ENGINEERING - INGEGNERIA INFORMATICA SPA	PARTICIPANT	ENG	PRIVATE	Yes	FOF-12- 2017
FOF-12-2017	MIDIH	36	30/09/2020	FIWARE FOUNDATION EV	PARTICIPANT	FIWARE	PRIVATE	Yes	FOF-12- 2017
FOF-12-2017	MIDIH	36	30/09/2020	INDUSTRIAL DATA SPACE EV	PARTICIPANT	IDSA	PRIVATE	No	FOF-12- 2017
<b>Project Topic Code</b>	<b>Project Acronym</b>	<b>Project Duration</b>	<b>Project End Date</b>	<b>Participant Legal Name</b>	<b>Participant Role</b>	<b>Participant Short Name</b>	<b>Core Legal Entity Type</b>	<b>Research Organisation</b>	<b>Project Topic Code</b>
ICT-05-2017	ALOHA	36	31/12/2020	CA TECHNOLOGIES DEVELOPMENT SPAIN SA	PARTICIPANT	CA	PRIVATE	No	ICT-05- 2017

**b. FP7 participation<sup>2</sup>**



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
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	GRVC	UNIVERSIDAD DE SEVILLA	Participant	HES
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	UPV/EHU	UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA	Participant	HES
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	TEK	FUNDACION TEKNIKER	Participant	REC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	FADACATEC	FUNDACION ANDALUZA PARA EL DESARROLLO AEROESPACIAL	Participant	REC
608886	CloudSME	33	01-Jul-2013	31-Mar-2016	29	UNIZAR	UNIVERSIDAD DE ZARAGOZA	Participant	HES
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	CIMNE	CENTRE INTERNACIONAL DE METODES NUMERICIS EN ENGINYERIA	Participant	REC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	ICMAB	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	Participant	REC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	UDC	UNIVERSIDADE DA CORUNA	Participant	HES
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	UNIZAR	UNIVERSIDAD DE ZARAGOZA	Participant	HES
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	CESGA	FUNDACION PUBLICA GALLEGA CENTRO TECNOLÓGICO DE SUPERCOMPUTACION DE GALICIA	Participant	PUB
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	AIMEN	ASOCIACION DE INVESTIGACION METALURGICA DEL NOROESTE	Participant	REC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	CARTIF	FUNDACION CARTIF	Participant	REC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	AIMEN	ASOCIACION DE INVESTIGACION METALURGICA DEL NOROESTE	Participant	REC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	CIMNE	CENTRE INTERNACIONAL DE METODES NUMERICIS EN ENGINYERIA	Participant	REC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	UNIZAR	UNIVERSIDAD DE ZARAGOZA	Participant	HES
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	ITAINNOVA	INSTITUTO TECNOLÓGICO DE ARAGON	Participant	REC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	CSUC	CONSORCI DE SERVEIS UNIVERSITARIS DE CATALUNYA	Participant	PUB
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	ITECAM	ASOCIACION PARA LA INVESTIGATION Y DESARROLLO TECNOLÓGICO DE LA INDUSTRIA DEL METAL DE CASTILLA LA MANCHA	Participant	REC

609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	IDEKO	IDEKO S COOP	Participant	REC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	TEKNIKER	FUNDACION TEKNIKER	Coordinator	REC
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	UPM	UNIVERSIDAD POLITECNICA DE MADRID	Participant	HES
288881	COLAE	36	01-Sep-2011	31-Aug-2014	19	CETEMMSA	FUNDACION CETEMMSA	Participant	REC
619205	ACTPHAST	48	01-Nov-2013	31-Oct-2017	24	ICFO	FUNDACION INSTITUT DE CIENCIAS FOTONIQUES	Participant	REC
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
632860	I3H	30	01-Jul-2014	31-Dec-2016	9	IMDEA SOFT	FUNDACION IMDEA SOFTWARE	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	CSIC	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UMA	UNIVERSIDAD DE MALAGA	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UC3M	UNIVERSIDAD CARLOS III DE MADRID	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UMH	UNIVERSIDAD MIGUEL HERNANDEZ DE ELCHE	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UPO	UNIVERSIDAD PABLO DE OLAVIDE	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	IK4-TEKNIKER	FUNDACION TEKNIKER	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	Aj BCN	AJUNTAMENT DE BARCELONA	Participant	PUB
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	HSJD	HOSPITAL SANT JOAN DE DÉU	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	ABAT	FUNDACION PRIVADA SANT ANTONI ABAT	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	SAS	SERVICIO ANDALUZ DE SALUD	Participant	PUB
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UNIVERSITAT POLITECNICA	UNIVERSITAT POLITECNICA DE CATALUNYA	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	AQuAS	AGENCIA DE QUALITAT I AVALUACIO SANITARIAS DE CATALUNYA	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	CSIC	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	USE	UNIVERSIDAD DE SEVILLA	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UMA	UNIVERSIDAD DE MALAGA	Participant	HES

601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UC3M	UNIVERSIDAD CARLOS III DE MADRID	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UMH	UNIVERSIDAD MIGUEL HERNANDEZ DE ELCHE	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UPO	UNIVERSIDAD PABLO DE OLAVIDE	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	Aj BCN	AJUNTAMENT DE BARCELONA	Participant	PUB

#### 4. Regions in Spain that have no DIHs

- Ciudad Autónoma de Ceuta
- Ciudad Autónoma de Melilla
- Illes Balears