

Germany (DE)

Germany presents several national strategies regarding digitising industry:

- *Plattform Industrie 4.0*¹ aims at developing joint recommendations for all stakeholders that serve as the basis for a consistent and reliable framework.
- *Mittelstand 4.0 Competence Centres*,² an initiative launched in 2016. Regional Mittelstand 4.0 competence centers throughout Germany help with expert knowledge, demonstration centers, networks for the exchange of experience and practical examples. The funding of the Federal Ministry for Economic Affairs and Energy enables the free use of all offers of Mittelstand-Digital.
- *Autonomik for Industrie 4.0*,³ an applied research program in the area of autonomous systems with a close relation to Industry 4.0 funded by BMWi.

On a **national level** Germany has *54 Digital Innovation Hubs* (28 fully operational and 26 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

¹ Industrie 4.0 www.plattform-i40.de, www.bmbf.de/de/zukunftsprojekt-industrie-4-0-848.html

² Mittelstand 4.0, <http://www.mittelstand-digital.de/DE/Foerderinitiativen/mittelstand-4-0.html> , <https://www.mittelstand-digital.de/MD/Navigation/DE/Home/home.html>

³ Autonomik for Industrie 4.0, <http://autonomik40.de>

- 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
Aachen DIH Center for Robotics in Healthcare	Aachen	Köln	Germany	Robotics	Health	X	-	-	-
Application Center for Automation in Healthcare	Mannheim	Karlsruhe	Germany	Automation in Medicine and Biotechnology	Health	-	-	-	-
BIBA- Bremer Institut für Produktion und Logistik GmbH	Bremen	Bremen	Germany	Production and logistics	ICT, Automobile industry	-	-	-	-
Center Digitisation.Bavaria, ZD.B	Garching	Oberbayern	Germany	General innovation	Innovative technology-based services, ICT	-	X	X	-
Competence Centre Mittelstand 4.0 Berlin	Berlin	Berlin	Germany	General innovation	ICT	-	-	-	-
DFKI Human Centric AI Innovation Hub	Kaiserslautern	Berlin	Rheinhes-sen-Pfalz	AI	-	X	-	-	-
Digital Hub Logistics	Dortmund	Arnsberg	Germany	Logistics	ICT	X	X	-	-
Digital Innovation Hub 'Smart Production Systems Saxony' – InnoSax	Chemnitz	Chemnitz	Germany	General innovation	Advanced production technologies, New materials	X	-	-	-
Experimental and Digital Factory (EDF)	Chemnitz	Chemnitz	Germany	Manufacturing and logistics	Advanced production technologies, New materials	-	-	-	-
Fraunhofer Future Work Lab (FWL)	Stuttgart	Stuttgart	Germany	General innovation	-	-	-	-	-
Fraunhofer IPA - Robot and Assistive Systems	Stuttgart	Stuttgart	Germany	Robotics and assistive systems	-	-	-	-	-

FZI Research Center for Information Technology	Karlsruhe	Karlsruhe	Germany	General innovation	-	X	X	X	-
Hahn-Schickard Gesellschaft für Angewandte Forschung e.V. (Hahn-Schickard)	Villingen-Schwenningen	Freiburg	Germany	Microsystems engineering, micro assembly technology and micro-analytical systems	-	X	-	-	-
Hub name	City	NUTS2 region	Country	Smart Specialisation (SS)	Link to SS	AI	HPC	Cyber Security	Association to EU-funded project
INNOVATION CENTER OF MODERN INDUSTRY IN BRANDENBURG GERMANY	Cottbus	Brandenburg	Germany	Automation	Production and automation technology, ICT, Metal	-	-	-	-
Institute of Production Management, Technology and Machine Tools (PTW)	Darmstadt	Darmstadt	Germany	Manufacturing	-	-	-	-	-
Institute of Reliable Embedded Systems and Communication Electronics	Offenburg	Freiburg	Germany	Smart systems and automation	-	-	-	X	-
L3S Digital Innovation Hub	Hannover	Hannover	Germany	Data and web science	Media	X	X	X	X
Mittelstand 4.0 Competence Centre Ilmenau	Ilmenau	Thüringen	Germany	Manufacturing	Industrial production and systems	X	-	-	-
Mittelstand 4.0-Kompetenzzentrum Darmstadt	Darmstadt	Darmstadt	Germany	ICT	-	X	-	X	-
Munich Innovation Hub for Applied AI	Munich	Oberbayern	Germany	AI	-	X	X	-	BEinCPPS, CPSE Labs, FED4SAE, MIDIH, Smart4Europe
Siegener Mittelstandsinstitut (SMI)	Siegen	Arnsberg	Germany	General innovation	ICT, New materials	X	-	X	-
Smart Data Solution Center Baden-	Stuttgart	Baden-Württemberg	Germany	Smart data	-	X	-	-	-

Wuerttemberg									
Smart Infrastructure Hub Leipzig	Leipzig	Leipzig	Germany	General innovation	Advanced production technologies	-	-	X	-
Smart Systems Hub - Enabling IoT	Dresden	Dresden	Germany	IoT	Advanced production technologies	X	X	-	-
SpectroNet - International Collaboration Cluster	Jena	Thüringen	Germany	Photonics	-	-	X	-	-
Technologie-Initiative SmartFactory KLe.V.	Kaiserslautern	Rheinhes-sen-Pfalz	Germany	Manufacturing	Materials and surface technologies	X	-	-	I4MS (BEinCPPS, PathFinder)
Technology Transfer via Multinational Application Experiments (TETRAMAX)	Aachen	Köln	Germany	ICT	-	X	X	X	SAE (TETRAMAX)
Hub name	City	NUTS2 region	Country	Smart Specialisation (SS)	Link to SS	AI	HPC	Cyber Security	Association to EU-funded project
VDTC of the Fraunhofer IFF	Magdeburg	Sachsen-Anhalt	Germany	Manufacturing and automation	Efficient and intelligent manufacturing techniques	X	-	-	-

2. In preparation DIHs

Hub name	City	NUTS2 region	Country
Aalen University / Transfer Platform Industry 4.0	Aalen	Stuttgart	Germany
Application Center Industrie 4.0	Stuttgart	Stuttgart	Germany
Bavarian Robotic Network (BaRoN)	Garching bei München	Oberbayern	Germany
Center Digitisation District Böblingen (ZD.BB)	Böblingen	Stuttgart	Germany
Cluster ICT, media and creative industries Berlin-Brandenburg	Berlin	Berlin	Germany
Digital Hub Bonn	Bonn	Köln	Germany
Effiziente Fabrik 4.0	Darmstadt	Darmstadt	Germany

EPoSS e.V. - European Technology Platform on Smart Systems Integration	Berlin	Berlin	Germany
Independent Platform for Photonics in Data Centers, PhoxLab	Berlin	Berlin	Germany
Institute of Advanced Studies - ForschungskollegSiegen	Siegen	Arnsberg	Germany
Lagarde1 - Zentrum für Digitalisierung und Gründung	Bamberg	Oberfranken	Germany
Lufthansa Industry Solutions - Digital Lab	Norderstedt	Schleswig-Holstein	Germany
MediaTech Hub Potsdam	Potsdam	Brandenburg	Germany
Miro Innovation Lab	Oberpfaffenhofen-Wessling	Oberbayern	Germany
Mittelstand 4.0 centre of excellence Hamburg	Hamburg	Hamburg	Germany
Mittelstand 4.0 Competence Centre Chemnitz	Chemnitz	Chemnitz	Germany
Mittelstand 4.0 Kompetenzzentrum Bremen	Bremen	Bremen	Germany
Mittelstand 4.0-Competence Center Dortmund	Dortmund	Arnsberg	Germany
Mittelstand 4.0-Kompetenzzentrum Augsburg	Augsburg	Schwaben	Germany
Mittelstand 4.0-Kompetenzzentrum Stuttgart	Stuttgart	Stuttgart	Germany
Silicon Europe Alliance	Dresden	Dresden	Germany
Smart Data Innovation Lab	Karlsruhe	Karlsruhe	Germany
Software-Cluster	Karlsruhe	Karlsruhe	Germany
Steinbeis-Europa-Zentrum	Karlsruhe	Karlsruhe	Germany
TechQuartier	Frankfurt am Main	Darmstadt	Germany
UniTransferKlinik (UTK)	Lubeck	Schleswig-Holstein	Germany

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 participation⁴

⁴ Data available in CORDIS (http://cordis.europa.eu/home_en.html) and in the European Commission databases.

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	GEORG-AUGUST-UNIVERSITÄT GÖTTINGENSTIFTUNG ÖFFENTLICHEN RECHTS	PARTICIPANT	UGOE	PRIVATE	Yes	FoF-09-2015
FoF-09-2015	ReconCell	36	31/10/2018	RHEINISCH-WESTFÄLISCHE TECHNISCHE HOCHSCHULE AACHEN	PARTICIPANT	MMI	PUBLIC	Yes	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	CFD SCHUCK INGENIEURGESELLSCHAFT MBH	PARTICIPANT	CFDSCHUCK	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	SICOS BW GMBH	PARTICIPANT	SICOS	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	SCAPOS AG	PARTICIPANT	SCAPOS	PRIVATE	No	FoF-09-2015
FoF-09-2015	Fortissimo 2	36	31/10/2018	UNIVERSITÄT STUTTGART	PARTICIPANT	USTUTT	PUBLIC	Yes	FoF-09-2015
FoF-09-2015	BEinCPPS	36	31/10/2018	JOHN DEERE GMBH & CO. KG*JD	PARTICIPANT	JD	PRIVATE	No	FoF-09-2015
FoF-09-2015	BEinCPPS	36	31/10/2018	FORTISS GMBH	PARTICIPANT	FORTISS	PRIVATE	Yes	FoF-09-2015
FoF-09-2015	BEinCPPS	36	31/10/2018	DEUTSCHES FORSCHUNGSZENTRUM FÜR KUNSTLICHE INTELLIGENZ GMBH	PARTICIPANT	DFKI	PRIVATE	Yes	FoF-09-2015
FoF-09-2015	HORSE	54	30/04/2020	PROSYST SOFTWARE GmbH	PARTICIPANT	PROS	PRIVATE	No	FoF-09-2015
FoF-09-2015	HORSE	54	30/04/2020	STIFTUNG FZI FORSCHUNGSZENTRUM INFORMATIK AM KARLSRUHER INSTITUT FÜR TECHNOLOGIE	PARTICIPANT	FZI	PRIVATE	Yes	FoF-09-2015
FoF-09-2015	HORSE	54	30/04/2020	TECHNISCHE UNIVERSITÄT MÜNCHEN	PARTICIPANT	TUM	PUBLIC	Yes	FoF-09-2015
FOF-12-2017	MIDIH	36		FIWARE FOUNDATION EV	PARTICIPANT	FIWARE	PRIVATE	No	FOF-12-2017
FOF-12-2017	MIDIH	36		INDUSTRIAL DATA SPACE EV	PARTICIPANT	IDSA	PRIVATE	No	FOF-12-2017
FOF-12-2017	MIDIH	36		FORTISS GMBH	PARTICIPANT	FORTISS	PRIVATE	Yes	FOF-12-2017
FOF-12-2017	I4MS-Go	30		FIWARE FOUNDATION EV	PARTICIPANT	FIF	PRIVATE	No	FOF-12-2017
FOF-12-2017	AMable	48		Industrial Data Space e.V.	PARTICIPANT	Industrial Data Space Association	PRIVATE	No	FOF-12-2017

FOF-12-2017	AMable	48		ROLAND BERGER GMBH	PARTICIPANT	ROLAND BERGER GMBH	PRIVATE	No	FOF-12-2017
FOF-12-2017	CloudiFacturing	42		machineering GmbH & Co. KG	PARTICIPANT	machineering	PRIVATE	N/A	FOF-12-2017
FOF-12-2017	CloudiFacturing	42		CLESGO UG (haftungsbeschränkt)	PARTICIPANT	CLESGO	PRIVATE	No	FOF-12-2017
FOF-12-2017	CloudiFacturing	42		CLOUDSME UG	PARTICIPANT	CLOUDSME	PRIVATE	No	FOF-12-2017
FOF-12-2017	CloudiFacturing	42		HANNING ELEKTRO-WERKE GmbH & Co.KG	PARTICIPANT	HANNING	PRIVATE	No	FOF-12-2017
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	CloudiFacturing	42		DEUTSCHES FORSCHUNGSZENTRUM FÜR KUNSTLICHE INTELLIGENZ GMBH	PARTICIPANT	DFKI	PRIVATE	Yes	FOF-12-2017
ICT-01-2014	EuroCPS	36	31/01/2018	FINEPOWER GMBH	PARTICIPANT	FPG	PRIVATE	No	ICT-01-2014
ICT-01-2014	CPSELabs	36	31/01/2018	FORTISS GMBH	COORDINATOR	FOR	PRIVATE	Yes	ICT-01-2014
ICT-01-2014	CPSELabs	36	31/01/2018	STEINBEIS INNOVATION GGMBH	PARTICIPANT	SEZ	PRIVATE	Yes	ICT-01-2014
ICT-01-2014	CPSELabs	36	31/01/2018	OFFIS EV	PARTICIPANT	OFF	PRIVATE	Yes	ICT-01-2014
ICT-02-2014	SMARTER-SI	36	31/01/2018	CIS FORSCHUNGSINSTITUT FÜR MIKROSENSORIK GMBH	PARTICIPANT	CIS	PRIVATE	Yes	ICT-02-2014
ICT-02-2014	SMARTER-SI	36	31/01/2018	VDI/VDE INNOVATION + TECHNIK GMBH	PARTICIPANT	VDIVDE	PRIVATE	No	ICT-02-2014
ICT-04-2017	TETRAMAX	48	31/08/2021	ZENIT ZENTRUM FÜR INNOVATION UND TECHNIK IN NORDRHEIN-WESTFALEN GMBH	PARTICIPANT	ZENIT	PRIVATE	No	ICT-04-2017
ICT-04-2017	TETRAMAX	48	31/08/2021	TECHNISCHE UNIVERSITÄT MÜNCHEN	PARTICIPANT	TUM	PUBLIC	Yes	ICT-04-2017
ICT-04-2017	TETRAMAX	48	31/08/2021	RHEINISCH-WESTFÄLISCHE TECHNISCHE HOCHSCHULE AACHEN	COORDINATOR	RWTH	PUBLIC	Yes	ICT-04-2017
ICT-04-2017	TETRAMAX	48	31/08/2021	RUHR-UNIVERSITÄT BOCHUM	PARTICIPANT	RUB	PUBLIC	Yes	ICT-04-2017
ICT-04-2017	Smart4Europe	24	31/08/2019	FORTISS GMBH	PARTICIPANT	FORTISS	PRIVATE	Yes	ICT-04-2017

ICT-04-2017	FED4SAE	36	31/08/2020	FORTISS GMBH	PARTICIPANT	FORTISS	PRIVATE	Yes	ICT-04-2017
ICT-15-2014	ODINE	30	31/07/2017	OPEN KNOWLEDGE FOUNDATION DEUTSCHLAND	PARTICIPANT	OKFDE	PRIVATE	Yes	ICT-15-2014

b. FP7 participation⁴

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	KUKA	KUKA ROBOTER GMBH	Participant	PRC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	TUM	TECHNISCHE UNIVERSITAET MUENCHEN	Participant	HES
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	UBO	RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAT BONN	Participant	HES
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	AIRBUS	AIRBUS OPERATIONS GMBH	Participant	PRC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	MRK	MRK - SYSTEME GMBH	Participant	PRC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	OPEL	ADAM OPEL AG	Participant	PRC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	KUKA	KUKA Laboratories GmbH	Participant	PRC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	DLR	DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV	Participant	REC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	FZI	STIFTUNG FZI FORSCHUNGSZENTRUM INFORMATIK AM KARLSRUHER INSTITUT FUR TECHNOLOGIE	Participant	REC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	ASC	ASCENDING TECHNOLOGIES GMBH	Participant	PRC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	CRN	CRN MANAGEMENT GMBH	Participant	PRC
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	IGUS	IGUS GMBH	Participant	PRC
608886	CloudSME	33	01-Jul-2013	31-Mar-2016	29	SW	SANDER-WERBUNG GMBH	Participant	PRC
608886	CloudSME	33	01-Jul-2013	31-Mar-2016	29	DHCAE	DHCAE TOOLS GMBH	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	RWTH	RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN	Participant	HES
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	UPB	UNIVERSITAET PADERBORN	Participant	HES
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	USTUTT	UNIVERSITAET STUTTGART	Participant	HES
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	TUD	TECHNISCHE UNIVERSITAET DRESDEN	Participant	HES
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	INTEL	INTEL GMBH	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	KIT	KARLSRUHER INSTITUT FUER TECHNOLOGIE	Participant	HES

609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	INTEL	INTEL DEUTSCHLAND GMBH	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	TI	TRANSINSIGHT GMBH	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	SCAPOS	SCAPOS AG	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	SICOS	SICOS BW GMBH	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	OPTBB	OPTEC-BERLIN-BRANDENBURG (OPTECBB) E.V.	Participant	OTH
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	LBO	LASERSYSTEMTECHNIK BOLLINGER & OHR UG	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	SHARP-GmbH	SHARP REFLECTIONS GMBH	Participant	PRC
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	LandW	LAUER & WEISS GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	BOSCH	ROBERT BOSCH GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	LZH	LZH LASER ZENTRUM HANNOVER E.V.	Participant	REC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	LISA	LISA LASER PRODUCTS OHG	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	SFS	S & F SYSTEMTECHNIK GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	LIMO	LIMO LISSOTSCHENKO MIKROOPTIK GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	LPKF	LPKF LASER & ELECTRONICS AG	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	SCAN	SCANLAB Aktiengesellschaft	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	JCI	JOHNSON CONTROLS GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	DPI	DIRECTPHOTONICS INDUSTRIES GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	PRIMES	PRIMES GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	BRAUN	BRAUN GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	IXL	IXUN LASERTECHNIK GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	SENS	SENSLAB - GESELLSCHAFT ZUR ENTWICKLUNG UND HERSTELLUNG BIOELEKTROCHEMISCHER SENSOREN MBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	PULSAR	PULSAR PHOTONICS GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	LUNOVU	LUNOVU GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	ARENZ	ARENZ GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	LF	LASERFACT GMBH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	SITEC	SITEC Industrietechnologie GmbH	Participant	PRC
609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	QASS	QASS GMBH QUALITAT AUTOMATION SYSTEME SOFTWARE	Participant	PRC

609046	LASHARE	48	01-Sep-2013	31-Aug-2017	69	FARO	FARO GMBH & CO KG	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	DFKI	DEUTSCHES FORSCHUNGSZENTRUM FÜR KUNSTLICHE INTELLIGENZ GMBH	Participant	REC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	UNI KASSEL	UNIVERSITAET KASSEL	Participant	HES
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	ITI	ESI ITI GMBH	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	SIMPLAN	SIMPLAN AG	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	Stellba	STELLBA HYDRO GMBH & CO KG	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	DHCAE	DHCAE TOOLS GMBH	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	BOGE	BOGE KOMPRESSOREN OTTO BOGE GMBH & CO KG	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	INO	SOBOTTA ANDREAS	Participant	PRC
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	CLESGO	CLESGO UG (haftungsbeschränkt)	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	TUDo	TECHNISCHE UNIVERSITAT DORTMUND	Participant	HES
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	OvGU/IFQ	OTTO-VON-GUERICKE-UNIVERSITAET MAGDEBURG	Participant	HES
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	MATZAT	DR MATZAT & CO GMBH SPANN UND FERTIGUNGSTECHNIK	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	BCT	BCT STEUERUNGS UND DV-SYSTEME GMBH	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	INVENT	INVENT INNOVATIVE VERBUNDWERKSTOFFEREALISATION UND VERMARKTUNG NEUERTECHNOLOGIEN GMBH*	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	WÖLFEL	WOELFEL BERATENDE INGENIEURE GMBH & CO KG	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	AI	ADAPTRONICS INTERNATIONAL GMBH	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	DEHARDE	DEHARDE MASCHINENBAU HELMUT HOFFMAN GMBH	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	ROEMHELD	ROMHELD GMBH FRIEDRICHSHUTTE	Participant	PRC
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	GIGGEL	VORRICHTUNGSBAU GIGGEL GMBH	Participant	PRC
288881	COLAE	36	01-Sep-2011	31-Aug-2014	19	iL	INNOVATIONLAB GMBH	Participant	PRC
288881	COLAE	36	01-Sep-2011	31-Aug-2014	19	OES	ORGANIC ELECTRONICS SAXONY MANAGEMENT GMBH	Participant	PRC
619205	ACTPHAST	48	01-Nov-2013	31-Oct-2017	24	HHI	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN	Participant	REC

							FORSCHUNG E.V.		
619205	ACTPHAST	48	01-Nov-2013	31-Oct-2017	24	IPHT	LEIBNIZ-INSTITUT FUER PHOTONISCHE TECHNOLOGIEN E.V.	Participant	REC
619205	ACTPHAST	48	01-Nov-2013	31-Oct-2017	24	KIT	KARLSRUHER INSTITUT FUER TECHNOLOGIE	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UNIHB	UNIVERSITAET BREMEN	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	TUM	TECHNISCHE UNIVERSITAET MUENCHEN	Coordinator	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	UNIBI	UNIVERSITAET BIELEFELD	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	MLAB	METRALABS GMBH NEUE TECHNOLOGIEN UND SYSTEME	Participant	PRC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	STRAUSS	STRAUSS VERPACKUNGSMASCHINEN GMBH	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
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	KIT	KARLSRUHER INSTITUT FUER TECHNOLOGIE	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	ATB	LEIBNIZ-INSTITUT FUER AGRARTECHNIK UND BIOOEKONOMIE EV	Participant	REC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	HSU	FACHHOCHSCHULE ULM	Participant	HES
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	AMR	ARTIMINDS ROBOTICS GMBH	Participant	PRC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	CLOOS	CARL CLOOS SCHWEISSTECHNIK GMBH	Participant	PRC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	AGCO	AGCO GMBH	Participant	PRC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	PILZ	PILZ GMBH & CO. KG	Participant	PRC
601116	ECHORD Plus Plus	60	01-Oct-2013	30-Sep-2018	107	IBAK	IBAK Helmut Hunger GmbH & Co. KG	Participant	PRC

4. Regions in Germany that have no DIHs

- Braunschweig
- Detmold
- Gießen
- Hannover
- Kassel
- Koblenz
- Lüneburg
- MecklenburgVorpommern
- Mittelfranken

- Münster
- Niederbayern
- Oberpfalz
- Saarland
- Trier
- Unterfranken
- Weser-Ems