



Technology	Sub-Category	Name company	Contact	Website	Headquarters Germany	HQ in other country?	Parent company	N° of employees	Turnover [EUR] 2021	Exprience in other countries	Office in Latin America	Partner in Latin America	Interested in LA market	Subsidiary in H2	Maintenance	Prior projects	Collaboration other companies in H2	Notes
Boilers		Viessmann	info@viessmann.com	https://www.viessmann.de/	Allendorf (Eder)													
CHP_systems		2G Energy	info@2-g.de	https://2-g.com	Heek	no		580	57,18 Mio	55 countries	yes		yes		yes	Proyecto Industriepark Rostock-Laage en Alemania	APEX Energy	
Compression systems		Aerzener Maschinenfabrik GmbH	info@aerzen.com	https://www.aerzen.com	Aerzen													
Compression systems		ANTEWA GmbH	info@antewa.de	https://antewa.de/en/	Schwäbisch Hall	no	no	18	6 Mio.	Europe, Taiwan, China	no		yes		yes		EP Erler, Inotech, Open Grid Europe, Enagas, rma	
Compression systems		HD-tech Hochdrucktechnik GmbH & Co. KG	info@h-d-tech.de	https://www.h-d-tech.de	Wernigerode													
Compression systems		J.P. Sauer & Sohn Maschinenbau GmbH	info@sauercompressors.de	https://www.sauercompressors.com	Kiel													
Compression systems		MAXIMATOR GmbH	info@maximator.de	https://www.maximator.de	Nordhausen													
Compression systems		Mehrer Compression GmbH	info@mehrer.de	https://www.mehrer.de/	Balingen													
Compression systems		Neuman & Esser	info@neuman-esser.de	https://www.neuman-esser.de/en	Übach-Palenberg	no	no	1400	328 Mio.	USA, China, Brazil, Italy, India, UAE, Egypt, Thailand, Russia	yes	AES Tiete S.A, Comgas, Eletrosul, Neoenergia, SHELL, ENEVA, EDP and Fapesp	yes	NEA GREEN, HYTRON Energy & Gas, AE Driven Solutions GmbH, Arcanum Energy, INFINIUM	yes	1. Successful application of HOFER compressor at a hydrogen gas station from Air Liquide in Mülheim, Germany. 2. Hydrogen treatment plant production in Argentina for YPF S/A. 3. Hydrogen Unit Generation plant production in Brazil for Technip-Tomé at Petrobras RPBC Refinery. 4. Construction of hydrogen generation unit at Air Liquide Brazil	INFINIUM, Quantron, Repsol-Sinopec (Brazil), Shell (Brazil)	
Dispensers		WEH	sales@weh.com	https://www.weh.com/home?ArealD=21	Illertissen	no	WEH Group	220	30 Mio.	Worldwide	Lima, Peru	Yes in Brazil GFPE	yes	no	yes	H2 Fueling equipment for Toyota demo's of vehicles in most capitals of Latin american with Linde supplying the H2	no	
Electrolyzers	AEM	Enapter	info@enapter.com	https://www.enapter.com/	Saerbeck	Pisa, Italy	Enapter AG	250	14,7 Mio.	50+ countries	no	TRA (Chile)	yes		kemote monitoring services provided for both the small electrolyzers (EL 4.0) as well as the Multicore solution (1 MW), which will be available in Latam region for projects with COD (Commercial Operation Date) from 2025. Maintenance services for the EL 4.0 electrolyzers are mostly done in our facility in Pisa, Italy. For the Multicore we will be able to provide maintenance contracts. We foresee that our integrator/partners will support us with In-sit field	Hydrogen Refueling Systems, UK; Energy storage solutions, India; Usage in yachts, Italy	Johnson Matthey, Baglietto S.p.A., Umstro GmbH, Tecnologías de Remediación Ambiental	
Electrolyzers	AEM	JA-Gastechnology GmbH	info@jag.de	https://www.jag.de/en/	Burgwedel													
Electrolyzers	Alkaline	Cummins Inc / Hydrogenics	cummins.germany@cummins.com	https://www.cummins.com	Groß-Gerau	Columbus, Indiana, USA		55200	17600 Mio.	Worldwide	yes	yes	yes	NPROXX, Cummins Hydrogenics GmbH, Hydrogenics	?	Hydrogen Refueling station Port of Antwerp, Coradia iLint Lower Saxony Germany, H2 Truck Asko Norway, H2 Buses in Zhangjiakou China,		
Electrolyzers	Alkaline	McPhy	germany@mcphy.com	https://mcphy.com	Wildau	Grenoble, France		200	16 Mio.	Boston, Singapore, China, Italy, United Arab Emirates				Piel		"Jupiter 1000" (Power-to-gas plant with methanization in France); "Audi E-Gas" (6 MW Power-to-gas plant with methanization in Werlte Germany); "Energiedienst" (1 MW Power-to-gas plant, H2 gas station for buses in Houdain, France	Enertrag, GRTGaz, EDF, SMT-AG	Offers alkaline electrolyzers up to 100 MW
Electrolyzers	Alkaline	SBS Ecoclean Group	info@ecolyzer.com	https://ecolyzer.com/	Frankfurt/Main													
Electrolyzers	Alkaline	Sunfire	info@sunfire.de	https://www.sunfire.de/en/	Dresden													
Electrolyzers	Alkaline	thyssenkrupp nucera AG & Co. KGaA	https://thyssenkrupp-nucera.com/contact/	https://www.thyssenkrupp.com	Dortmund	-	thyssenkrupp, Industrie De Nora	500		thyssenkrupp nucera is globally active and able to execute projects and offer services on a global level.	thyssenkrupp South America, Av. Brigadeiro Faria Lima, 1461-1485, 8º andar, 01452-002, São Paulo/SP, Brasil	No, only direct representation in Brazil	yes	no	We provide services over the entire life cycle of our electrolyzers.	Ongoing projects in execution: - 200 MW for Shell in Rotterdam, Netherlands (refinery); - 20 MW for CF Industries in Donaldsonville, USA (green ammonia); - 60 MW for Unigel in Belo Horizonte, Brazil (green ammonia); - <2 GW for Air Products in NEOM, KSA (green ammonia); - 20 MW for Air Products in Arizona, USA (liquid h2)	Industrie De Nora	
Electrolyzers	PEM	Cummins Inc / Hydrogenics	cummins.germany@cummins.com	https://www.cummins.com	Groß-Gerau	Columbus, Indiana, USA		55200	17600 Mio.	Worldwide	yes	yes	yes	NPROXX, Cummins Hydrogenics GmbH, Hydrogenics	?	Hydrogen Refueling station Port of Antwerp, Coradia iLint Lower Saxony Germany, H2 Truck Asko Norway, H2 Buses in Zhangjiakou China,		
Electrolyzers	PEM	Elogen	info@elogenh2.com	https://elogenh2.com/en	Köln	Les Ulis, France		60			?	?	?	?			Enetrage, Valmax, Symbio	
Electrolyzers	PEM	Green H2 Systems	kontakt@fest-group.com	https://www.green-h2-systems.de/en/	Goslar		FEST GmbH	50	-	Austria, Norway, Sweden and other countries inside and outside of Europe	No	No	From 2025 onwards	-	Yes	Frankfurt, Germany Cuxhaven, Germany Vienna, Austria Ljungby, Sweden Hellesylt, Norway Wuppertal, Germany	-	
Electrolyzers	PEM	HIAT	info@hydrogen-innovation.de	https://www.hiat.de	Schwerin	-	Hydrogen Innovation GmbH	-	-		no	no	yes		no		balticFuelCells GmbH	
Electrolyzers	PEM	H-TEC SYSTEMS GmbH	sales@h-tec.com	https://www.h-tec.com/	Augsburg, Hamburg	no	MAN Energy Solutions	320		Germany, Austria, Sweden, Switzerland	no	no	yes	GP Joule	Offering a 360° service level agreement for individual needs of the costumer	eFarm, Microgrid ZEHTC, Windgas Haurup	GP Joule, MAN Energy Solutions	
Electrolyzers	PEM	Hydrogen Innovation GmbH		http://hydrogen-innovation.de/	Schwerin			11	1,2 Mio	Australien, Frankreich, Polen, Brasilien,	no	no	yes		yes		HyMattes, Helion Hydrogen Power,	
Electrolyzers	PEM	iGas Energy	info@iGas-energy.de	https://iGas-energy.de/	Stolberg	Sudbrooke, UK					?	?	?					offers modules from 25 kW to 1,3 MW, which can be combined
Electrolyzers	PEM	PlugPower Europe GmbH	info@peakscientific.com	https://www.peakscientific.com	Duisburg													

H2Uppp

International Hydrogen Ramp-Up Program

Provider



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Electrolyzers	PEM	Siemens Energy	contact@siemens-energy.com	https://www.siemens-energy.com	Erlangen													
Electrolyzers	SOEC	Sunfire	info@sunfire.de	https://www.sunfire.de/en/	Dresden													
Electrolyzers		Hoeller Electrolyzer	info@hoeller-electrolyzer.com	https://www.hoeller-electrolyzer.com	Wismar	no	-	14	1 Mio.	Germany	no	no	yes	no	no		Rolls-Royce Power Systems Friedrich Vorwerk SE	
Fuel_cells	DMFC	SFC Energy AG	sales@sfc.com	https://www.sfc.com/	Brunnthal	Canada, the Netherlands, Romania	SFC Energy AG	400	85 Mio.	Global sales and service network	n.a.	SFC is looking for value adding partner in Latin America	yes			See news section of www.sfc.com	Various global partners	
Fuel_cells	PEMFC	balticFuelCells GmbH		https://www.balticfuelcells.de	Schwerin	-		14			no	no	?				HIAT	
Fuel_cells	PEMFC	Bosch	kontakt@bosch.de	https://www.bosch.com	Gerlingen			400000	78800 Mio.	Worldwide	yes	yes	yes	Bosch Engineering GmbH		Two demonstrator vehicles (vans) with ABT eLine GmbH	PowerCell Sweden, ABT eLine GmbH	
Fuel_cells	PEMFC	Ekpo Fuel Cell Technologies	info@ekpo-fuelcell.com	https://www.ekpo-fuelcell.com	Dettingen/Erms		ElringKlinger, Plastic Omnium				no	no						
Fuel_cells	PEMFC	inhouse engineering GmbH	info@inhouse-engineering.de	https://www.inhouse-engineering.de/	Berlin													
Fuel_cells	PEMFC	MTU Rolls Royce	info@ps.rolls-royce.com	https://www.mtu-solutions.com	Ludwigshafen													
Fuel_cells	PEMFC	PlugPower Europe GmbH	info@peakscientific.com	https://www.peakscientific.com	Duisburg													
Fuel_cells	PEMFC	Proton Motor Fuel Cell GmbH	Manfred Limbrunner info@proton-motor.de	https://www.proton-motor.de	Puchheim	United Kingdom	Proton Motor Power Systems PLC	130	3,12 Mio.	European countries where we directly supply. Our systems are also in complete applications which are exported worldwide through some of our customers/partners like: GKN Hydrogen: Australia & USA (stationary applications) Linsinger: USA (rail application)	no	no	Currently only through European based OEM's, integrators, etc. In the future we are offering also system manufacturing licenses worldwide.	-	We have an own service team for our European customers. We are offering training to become a certified service partner for 1st and 2nd level support through Proton Motor. All systems equipped with dataloggers for online support and predictive maintenance.	Stationary, automotive, maritime and rail use of fuel cells	Shell, GKN Hydrogen, E-Trucks Europe, Linsinger Maschinenbau, APEX Energy Teterow GmbH, Umstro, Vonovia, Fincantieri, Torqeedo, Wilo Group, Deutsche Bahnbau Gruppe, etc.	Delivers plug & play fuel cell systems and turnkey solutions using own fuel cell stacks
Fuel_cells	PEMFC	SFC Energy AG	sales@sfc.com	https://www.sfc.com/	Brunnthal	Canada, the Netherlands, Romania	SFC Energy AG	400	85 Mio.	Global sales and service network	n.a.	SFC is looking for value adding partner in Latin America	yes			See news section of www.sfc.com	Various global partners	
Fuel_cells	SOFC	Bosch	kontakt@bosch.de	https://www.bosch.com	Gerlingen			400000	78800 Mio.	Worldwide	yes	yes	yes	Bosch Engineering GmbH		Two demonstrator vehicles (vans) with ABT eLine GmbH	PowerCell Sweden, ABT eLine GmbH	
Fuel_cells	SOFC	Cummins Inc / Hydrogenics	cummins.germany@cummins.com	https://www.cummins.com	Groß-Gerau	Columbus, Indiana, USA		55200	17600 Mio.	Worldwide	yes	yes	yes	NPROXX, Cummins Hydrogenics GmbH, Hydrogenics	?	Hydrogen Refueling station Port of Antwerp, Coradia iLint Lower Saxony Germany, H2 Truck Asko Norway, H2 Buses in Zhangjiakou China,		
Gas cleaning systems		HYDAC Electronic GmbH	info@hydac.com	https://www.hydac.com/en/	Saarbrücken													
Gas cleaning systems		ReiCat GmbH	info@reicat.de	https://www.reicat.de/en/	Gelnhausen	no	No	28	6,5 Mio.	Worldwide	no	no	yes	No	in Europe	several	Electrolyser manufacturers	
Gas cleaning systems		Silica Verfahrenstechnik GmbH	info@silica.de	https://silica.berlin	Berlin	no	Berndorf AG	50-60	30 Mio.	Silica Verfahrenstechnik GmbH is capable to handle installation and commissioning tasks worldwide.	no	no	yes	no	yes	several references in LA, list available on request	Silica is an independent provider of hydrogen purification and drying units	Specialist in Hydrogen purification and drying. References up to 20.000 Nm3/h Hydrogen purification and drying.
H2 electricity storage system		HPS Home Power Solutions GmbH		https://www.homepowersolutions.de	Berlin			51	until 10 Mio.		-	?	?					
H2 gas		AirLiquide Deutschland GmbH	info@airliquide.de	https://de.airliquide.com	Frankfurt/Main	France												
H2 gas		Linde	contactus@linde.com	https://www.linde.com	München													
H2 gas		Messer SE & Co. KGaA	corporate.office@messergroup.com	https://www.messergroup.com/	Bad Soden													
H2 heating systems		DiliCo engineering GmbH	info@dilico.de	https://www.dilico.de/en/	Magdeburg													
H2 motors		MTU Rolls Royce	info@ps.rolls-royce.com	https://www.mtu-solutions.com	Ludwigshafen													
H2 pipes		Poppe + Potthoff GmbH	info@poppe-potthoff.com	https://www.poppe-potthoff.de/	Werther													
H2 pipes		Schwer Fittings	info@schwer.com	https://www.schwer.com	Denkingen													
H2 pipes		Voss Fluid GmbH	info@voss-fluid.net	https://www.voss-fluid.net/en	Wipperfurth													
H2 transport systems		Hydrogenious LOHC Technologies GmbH		https://hydrogenious.net	Erlangen	Subsidiary in UAE		>200	Up to 10 Mio.	Europe, USA, UAE, Saudi Arabia, Egypt, SE Asia	-	Various global partners also active in Latin America	Project dependent					
H2 transport systems		Poppe + Potthoff GmbH	info@poppe-potthoff.com	https://www.poppe-potthoff.de/	Werther													
Hydrocarbon_fuel_synthesis_systems	Methanol synthesis	MAN Energy Solutions	powersalesregion-americas@man-es.com; powersalesregion-europe@man-es.com	https://www.man-es.com	Augsburg		Volkswagen AG	14413	3.400 Mio.	Worldwide	yes	yes	yes	H-TEC	MAN PrimeServ	Power-to-X plant for Audi; Methanol reactor for Haru Oni Chile	ANDRITZ, HIF Chile, kiwi AG, H-TEC	Develop and integrate H2 production systems and systems for methanol synthesis
Hydrocarbon_fuel_synthesis_systems		Ineratec	info@ineratec.de	https://www.ineratec.de/en	Karlsruhe	no	no	129		Europe, South America, Japan, Malaysia, etc.		Ferrostaal Chile S.A.C.	yes	-	yes	Existing projects with customers in Chile		
Hydrogenation catalysts		neo hydrogen sensors GmbH	info@neoxid.de	https://www.neoxid.de	Neuss													
Power_electrical_components	Power supply components	IPS-Fest GmbH	info@ips-fest.de	https://www.ips-fest.de/en/	Sinzig													
Power_electrical_components	Power supply components	Plating Electronic	info@plating.de	https://www.plating.de/en/home.html	Sexau													
Pyrolysis systems		A.H.T. Syngas	info@aht-cleantec.com	http://www.aht-cleantec.com	Bonn	no		20	10 Mio.	Japan, Switzerland	no	no	yes		yes	References in Japan	Universtität Köln	
Pyrolysis systems		Concord Blue Engineering GmbH	info@concordblue.de	https://www.concordblue.de	Düsseldorf													
Pyrolysis systems		Electrochaea	info@electrochaea.com	https://www.electrochaea.com	Planegg													
Pyrolysis systems		Green Hydrogen Technology GmbH	robert.nave@green-ht.eu, nadia.romdhane@green-ht.eu	https://green-ht.eu/	Augsburg			6		Pilot plant in Austria								

H2Uppp International Hydrogen Ramp-Up Program Provider																		
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Pyrolysis systems		MicroPyros BioEnerTec GmbH	info@micropyros.de	https://micropyros.de/	Straubing	no	Pietro Fiorentini	9	70000	Italy	no	no	yes	no	?	AsH2Gas, Straubing wastewater treatment plant, Power-to-Gas, BioFARM	Hyter	
Re-electrification systems		SFC Energy AG	sales@sfc.com	https://www.sfc.com/	Brunnthal	Canada, the Netherlands, Romania	SFC Energy AG	400	85 Mio.	Global sales and service network	n.a.	SFC is looking for value adding partner in Latin America	yes			See news section of www.sfc.com	Various global partners	
Sensors	H2	Archigas (Agimas)	contact@agimas.de	https://www.agimas.de	Frankfurt/Main	no	-	?	?	no	no	no	no	?				
Sensors	H2	DILiCo engineering GmbH	info@dilico.de	https://www.dilico.de/en/	Magdeburg													
Sensors	H2	neo hydrogen sensors GmbH	info@neoxid.de	https://www.neoxid.de	Neuss													
Sensors	H2	Trafag GmbH	info@trafag.de	https://www.trafag.com/en/	Unterensingen													
Sensors	H2 flow and flow fields	S++ Simulation Services	info@splusplus.com	http://www.splusplus.com/en/	Murnau-Westried													
Sensors	H2 flow and flow fields	TrigasDM GmbH	info@trigasdms.com	https://www.trigasdms.com/en/	Neufahrn	no	n/a	50	100 Mio.	Yes, international experience	no	No, open for reps and distribution partners	yes	no	yes	Several globally	Several globally	
Sensors	H2 flow and flow fields	WIKA	info@wika.de	https://www.wika.com/en-en/	Klingenberg	USA		11000	1.300 Mio.									
Sensors	Methanol	Archigas (Agimas)	contact@agimas.de	https://www.agimas.de	Frankfurt/Main	no	-	?	?	no	no	no	no	?				
Sensors	Pressure	ADZ NAGANO GMBH	info@adz.de	https://www.adz.de/en/index.html	Ottendorf-Okrilla													
Sensors	Pressure	HYDAC Electronic GmbH	info@hydac.com	https://www.hydac.com/en/	Saarbrücken													
Sensors	Pressure	JUMO GmbH & Co. KG	mail@jumo.net	https://www.jumo.de	Fulda													offers pressure sensors and components for compressors
Sensors	Pressure	Kyocera AVX		https://www.kyocera-avx.com/	Dresden	Fountain Inn, USA	Kyocera											
Sensors	Pressure	LABOM Mess- und Regeltechnik GmbH	info@labom.com	https://www.labom.com/en	Hude													
Sensors	Pressure	neo hydrogen sensors GmbH	info@neoxid.de	https://www.neoxid.de	Neuss													
Sensors	Pressure	Prignitz Mikrosystemtechnik GmbH	info@prignitz-mst.de	https://www.prignitz-mst.de/	Wittenberge-Elbe													
Sensors	Pressure	Trafag GmbH	info@trafag.de	https://www.trafag.com/en/	Unterensingen	USA		11000	1.300 Mio.									
Sensors	Pressure	WIKA	info@wika.de	https://www.wika.com/en-en/	Klingenberg													
Sensors	Temperature	JUMO GmbH & Co. KG	mail@jumo.net	https://www.jumo.de	Fulda													
Sensors	Temperature	LABOM Mess- und Regeltechnik GmbH	info@labom.com	https://www.labom.com/en	Hude													
Sensors	Temperature	Trafag GmbH	info@trafag.de	https://www.trafag.com/en/	Unterensingen	USA		11000	1.300 Mio.									
Sensors	Temperature	WIKA	info@wika.de	https://www.wika.com/en-en/	Klingenberg													
Sensors		Bürkert Werke GmbH & Co. KG	info@burkert.com	https://www.burkert.com/en	Ingelfingen	-	-	Ca. 3500	720 Mio.	40-80 countries	• Burkert Brasil Ltda. (Av. das Nações Unidas, 14401, Torre Jequitibá - 17º Andar - Conjunto 174, Cep: 04794-000 Chácara Santo Antônio , São Paulo SP Brasil) • Burkert South America SA. (Rincon 468. 4th floor, 11000 – Montevideo, Uruguay)	Own office in Sao Paulo and partners in all other Latin American countries	Yes, especially food, pharma, metal, energy, glass and others	-	Yes	Applications in electrolyzers, fuel cell systems (PEMFC, SOFC), testing of H2 components, H2 infrastructure, synthetic fuels	-	
Storage_containers_of_H2	LOHC	Hydrogenious LOHC Technologies GmbH		https://hydrogenious.net	Erlangen	Subsidiary in UAE	-	>200	Up to 10 Mio.	Europe, USA, UAE, Saudi Arabia, Egypt, SE Asia	-	Various global partners also active in Latin America	Project dependent					
Storage_containers_of_H2	Metal hydride	AMBARtec AG	post@ambartec.de	https://www.ambartec.de/en/	Dresden	no	no	30	-		Not at the moment	-	yes	-	yes			Stoarge containers are for storage and transport of H2
Storage_containers_of_H2	Metal hydride	Segula Technologies	Ruesselsheim.de@segulagr p.com	https://www.segulatechnologies.com	Rüsselsheim													
Storage_containers_of_H2	Pressure type 4	Hexagon Purus		https://hexagonpurus.com	Kassel	Ålesund, Norway		400		Norway, USA, China, Canada	?	?	?	Wystrach GmbH		Hydrogen distribution system for Hypion, FlatHyStor with BMW, Bosch, TesTneT	BMW, Bosch, TesTneT, Hypion	
Storage_containers_of_H2	Pressure type 4	NPROXX	contact@nprox.com	https://www.nprox.com/	Jülich	Netherlands	Cummins & ETC	100		All EU, Japan, US, ZA, CH	no	no	yes		Partly	Hydrogen buses in Cologne, Germany; Project H2 mining truck for AngloAmerican in South Africa, etc.	Engie, Cummins, ETC, Mercedes-Benz Fuel Cell GmbH, Van Hool,	
Storage_containers_of_H2		GKN Hydrogen		https://www.gknhydrogen.com/	Bonn	USA, Italy		?	?	Italy, Austrlia	?	?	?	?		Arieshof Microgrid, Italy; Off-grid stand alone Knappenhaus, Italy; Back up System for IT server, Italy; Plug-In E-Car Charging System, Germany	Proton Motor	
Storage_containers_of_H2		NACOMPEX GmbH	kontakt@nacompex.de	https://feredox.de/	Dresden		bw-energiesysteme GmbH											
Storage_containers_of_H2		Wystrach GmbH	info@wystrach.gmbh	https://www.wystrach.gmbh	Weeze													
Test equipment for H2 components		Horiba FuelCon GmbH	info@horiba-fuelcon.com	https://www.horiba-fuelcon.com/en/	Barleben													
Test equipment for H2 components		JA-Gastechnology GmbH	info@jag.de	https://www.jag.de/en/	Burgwedel													
Test equipment for H2 components		MACEAS GmbH	info@maceas.com	www.maceas.com	Barßel-Harkebrügge													
Test equipment for H2 components		Schaeffler Engineering GmbH	info@schaeffler-engineering.com	https://www.schaeffler-engineering.com	Werdohl													
Test equipment for H2 components		Sonplas GmbH	info@sonplas.de	https://www.sonplas.de/en/	Straubing													
Test equipment for H2 components		ZELTWANGER Maschinenbau GmbH	maschinenbau@zeltwanger.de	https://www.zeltwanger.de/en/	Tübingen													
Valves		Bürkert Werke GmbH & Co. KG	info@burkert.com	https://www.burkert.com/en	Ingelfingen	-	-	Ca. 3500	720 Mio.	40-80 countries	• Burkert Brasil Ltda. (Av. das Nações Unidas, 14401 , Torre Jequitibá - 17º Andar - Conjunto 174, Cep: 04794-000 Chácara Santo Antônio , São Paulo SP Brasil) • Burkert South America SA. (Rincon 468. 4th floor, 11000 – Montevideo, Uruguay)	Own office in Sao Paulo and partners in all other Latin American countries	Yes, especially food, pharma, metal, energy, glass and others	-	Yes	Applications in electrolyzers, fuel cell systems (PEMFC, SOFC), testing of H2 components, H2 infrastructure, synthetic fuels	-	



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Valves		GSR Ventiltechnik GmbH & Co. KG	AJustus@ventiltechnik.de	https://www.gsrvalves.com/	Vlotho	No	INDUS Holding AG	160	31 Mio.	Global	Local partners only	VSI Instrumentación Ltda. 9000 Santiago de Chile www.vsi.cl Veset y Cia Ltda. 1262 Concepción www.veset.cl Scancontrols Ingeniería Ltda. 1240 Antofagasta www.scancontrols.cl Keiso Spa 4030000 Concepción www.keiso.cl	Yes	No	By local partners	plenty	Several. E.g. VDMA	
Valves		MAGNET-SCHULTZ GmbH & Co. KG	info@magnet-schultz.com	https://www.magnet-schultz.com/	Memmingen													
Valves		PTEC – Pressure Technology GmbH	mail@ptec.eu	https://www.worthingtonindustries.eu/gas-cylinders/components/	Burscheid	USA	Worthington Industries											
Valves		Voss Fluid GmbH	info@voss-fluid.net	https://www.voss-fluid.net/en	Wipperfurth													
Vehicles_with_H2_propulsion	Airplanes	Airbus	henrik.brethauer@airbus.com	https://www.airbus.com	Hamburg	Leiden, Netherlands	-	127120	52100 Mio.	Worldwide	yes	yes	yes		Chile: Nuevo Pudahuel, Vinci, ADP, Air Liquide, Colbun and Copec	Airbus is a member of the Vuelo Limpio program in Chile to support the implementation of a national sustainable aviation program and establish a business case on Sustainable Aviation Fuels	-	
Vehicles_with_H2_propulsion	Autos	Audi	christian.hartmann@audi.de	https://www.audi.de	Ingolstadt		Volkswagen AG	90640	53068 Mio.	Worldwide	yes	yes	yes			Audi A2H2, Audi h-tron quattro concept		
Vehicles_with_H2_propulsion	Forklifts	Still	info@still.de	https://www.still.de/	Hamburg													
Vehicles_with_H2_propulsion	Mining and construction vehicles	Liebherr		https://www.liebherr.com	Biberach an der Riß	-	-	49611	11.600 Mio.	Worldwide	yes	yes	yes			Development of fuel cells for aviation with GM	GM	offer excavator with H2 propulsion and in the future more mining vehicles with H2 as well
Vehicles_with_H2_propulsion	Ships	Schiffswerft Hermann Barthel GmbH	info@barthel-werft.de	https://www.barthel-werft.de/	Derben	-	-	35	3500000	France, Switzerland, Kamerun, Romania, Sudan	-	-	yes	-		Elektra	Ballard Power Systems, Argo-Anleg, SER Schiffselektronik Rostock	
Vehicles_with_H2_propulsion	Trains	ALSTOM	tim.michatz@alstomgroup.com	https://www.alstom.com	Berlin	Saint-Ouen-sur-Seine	Alstom S.A.	74000	15.500 Mio.	present in 70 countries	yes	yes	yes	-	yes	• Coradia iLint (in operation in Lower Saxony and Hesse, both Germany) • More H2 regional train projects currently in development, e.g. in Italy)	Linde, Infraser, Snam, Engie	
Vehicles_with_H2_propulsion	Trucks	Faun Umwelttechnik		https://www.faun.com/	Osterholz-Scharmbeck		Kirchhoff Group	1800	445000000		?	?	?	Enginius		Usage H2 waste disposal trucks in Berlin, Duisburg, Bochum, Brussels		