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1	Hydrogen production & conversion technologies:	2.4	Electrical energy storage
	Power-to-X	2.4.1	Super capacitors / double layer capacitors
		2.4.2	Superconducting coils
1.1	Hydrogen production	2.4.3	Other technologies of electrical energy storage
1.1.1	Electrolysers		
		2.5	Thermal energy storage
1.2	Methanisation and other hydrogen refining processes	2.5.1	Sensitive heat and cold storage
1.2.1	Hydrogen-to-Methane (gaseous)	2.5.2	Latent heat storage
1.2.2	Power-to-Liquid (e.g. methanol)	2.5.3	Sorptive storage
	· · · · · · · · · · · · · · · · · · ·	2.5.4	Thermochemical storage
1.3	Power-to-Heat	2.5.5	Other technologies of thermal energy storage
1.4	Power-to-Chemicals		
		3	Components of energy storage
1.5	Reconversion		
1.5.1	Fuel cell	3.1	Inverters
1.5.2	Combined heat and power plant		
1.5.3	Gas turbine	3.2	Power electronics / cables
1.5.4	Gas engine		
	•	3.3	Safety-relevant components (e.g. surge protection)
1.6	Other conversion technologies		
		3.4	Other equipments / components
2	Energy Storage		
		4	Production technologies of energy storage
2.1	Mechanical energy storage		systems
2.1.1	Compressed air energy storage (CAES)		
2.1.2	Pumped hydro storage plants	4.1	Cell production
2.1.3	Flywheels		
2.1.4	Other types of mechanical energy storage	4.2	Battery production
2.2	Electrochemical energy storage	4.3	Fuel cell production
2.2.1	Batteries		
2.2.1.1	Advanced lead-acid	4.4	Production of electrolysers
2.2.1.2	Nickel-cadmium		
2.2.1.3	Nickel-metal hydride	4.5	Other production technologies
2.2.1.4	Lithium-Ion		
2.2.1.5	Lithium iron phosphate		
2.2.1.6	Saltwater	5	Storage systems
2.2.1.7	Other battery technologies		
2.2.2	High-temperature batteries	5.1	Storage for trade and industry
2.2.2.1	Sodium-Nickel-Chloride		
2.2.2.2	Sodium-Sulphur	5.2	Grid-connected systems
	Other technologies of high temperature batteries	5.2.1	Storage for single and multifamily homes
2.2.3	Flow batteries	5.2.2	Storage for integration into distribution networks
2.2.3.1	Redox flow	5.2.3	Storage for charging infrastructure
2.2.3.2			
2.2.3.3		5.3	Off-grid systems
2.2.3.4	Other technologies of flow batteries	5.3.1	Stationary off-grid storage
	outer teaminetegrap or their parties.	5.3.2	Mobile off-grid storage
2.3	Chemical energy storage	5.3.3	Vehicle-to-Grid
2.3.1	Hydrogen storage		
2.3.1.1	Pressure storage	5.4	Other Storage systems
2.3.1.1	Liquid storage		
2.3.1.2	Hydride storage		
2.3.1.3	Feeding Hydrogen into the gas Network	6	Energy management systems
2.3.1.4			
	Methane storage	6.1	Battery management systems (BMS)
2.3.2.1	Methane feeding into the gas network	0.1	baccery management systems (DPS)
2.3.3	Other technologies of chemical energy storage		

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6.2	Energy management systems (EMS) and load management systems
6.3	Other management systems
7	Energy services
7.1	Utilities
7.2	Energy trading
7.3	Energy market services
7.4	Charging infrastructure: EV charging stations, superchargers, inductive charging systems
8	Carbon Carbon Capture Technologies
8.1.1 8.1.2 8.1.3	CO2 separation and transport CO2 extraction equipment: Post and Pre-combustion capture CO2 cleaning and liquidiation equipment Equipment for CO2 transport (Pipelines, Ships, Freight Trains, Trucks)
8.2.1 8.2.2 8.2.3	Carbon Usage technologies (CCU) Production of synthetic fuels Use of CO2 for plastics production (polymers, polyole) Use of CO2 for building materials (cement, etc.)
8.3	Technologies for CO2 storage (CCS)
9	Complementary technologies and systems for decarbonisation, energy efficiency and recycling
9.1	Solutions and products for industrial and commercial processes
9.1.1	Extraction systems
9.1.2	Exhaust air purification technology
9.1.3	Air supply technology
9.1.4	Dedusting systems
9.1.5	Water treatment plants and fresh water treatment plants
9.1.6	Washing and splitter systems
9.1.7 9.1.8	Cooling and cleaning systems Filter systems and filters for equipment
9.1.9	Chemical storage systems
9.1.10	Chemical processing systems
9.1.11	Separators and sorting systems for waste
9.1.12	Processing plants
9.1.13	Recovery plants
9.1.14	Pollutant management
9.2	Solutions and products for buildings and other real estates
9.3	Recycling of energy storage systems
9.4	Software solutions

10	Consulting & Services
10.1	Consulting
10.1.1	Business Consulting
10.1.2	Legal Advisory
10.1.3	Energy Consulting
10.1.4	Carbon Footprint: Analysis and Consulting
10.2	Services
10.2.1	Project developer
10.2.2	Standardization / Security
10.2.2.1	5
10.2.2.2	Certification
10.2.2.3	•
	Technical services / Maintenance
10.2.4	Monitoring services
11	Research / Education, Trade Publishers, Associations / Organisations
11.1	Research / Education, Trade Publishers, Associations / Organisations
	Associations / Organisations
11.1	Associations / Organisations Research Institutes and Projects
11.1	Associations / Organisations Research Institutes and Projects Universities and Colleges
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