

Member companies of Deutsche CSP are active across the entire CSP value chain

		BASF	CSP Services	DLR	enolcon	ERK Eckrohrkessel	FICHTNER SOLAR	Fraunhofer ISE	Grenzebach Maschinenbau	HAWE Hydraulik	hogrefe consult	IA Tech	ILF Consulting Engineers	Innogy SE	KAEFER Isoliertechnik	Kraftanlagen München	KSB	Lahmeyer International	LEONI	M+W Group	protarget	ROBA Piping Projects	schlach bergemann und partner	Solar-Institut Jülich, FH Aachen	Solarlite CSP Technology	Sumtrace	toughtrough	TSK Flageol Engineering	TUV Rheinland	
projects	EPC													●				●	●				●			●			EPC	
	project development			●		●					●	●			●		●		○	●			●	●		●		●		project development
	owner												●							○							●		owner	
	site, resource		●	○		●					●	●					●					●		●	●	●	●	●		site, resource
	operation & maintenance													●	●						●			●			●		operation & maintenance	
components	turbine, power block														●				○	○							○		turbine, power block	
	storage, heat exchanger	●		○	●								●	○					○	○	●						○		storage, heat exchanger	
	electrics, sensors, controls, automation																●		○	○	○	○		○			○		electrics, sensors, controls, automation	
	pipings, valves, insulation													●	●					○	○	●					○		pipings, valves, insulation	
	pumps, hydraulic drives, heat exchanger				●				●							●			○		●						○		pumps, hydraulic, drives, heat exchanger	
	heat transfer fluid	●																		○							○		heat transfer fluid	
	receiver, mirror				●									●	●					○	●			●		●	○		receiver, mirror	
	collector, heliostat, solar field															●				○	●		●	●	●	●	●	●	collector, heliostat, solar field	
enabling	consulting *			●	●	●			●	●	●					●			○			●		●		●	●		consulting *	
	engineering & support **		●	●	●	●	●		●		●	●		●	●		●		●	●	○	●	●	●	●	●	●	●	engineering & support **	
	manufacturing machines & automation							●													●	●					○		manufacturing machines & automation	
	test & measurement, quality control techn.		●	●		○	●					○		●				○					●				○	●	test & measurement, quality control techn.	
	cleaning technology																	○									○		cleaning technology	
	infrastructure, others			●		○	●					○						○					●	●		●	○	●	infrastructure, others	

● These services / components are self manufactured and warranted

○ These services / components are partially bought in additionally an offered with warranties

* business, legal, finance, project development

** technical and expertise, owner's engineer