

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

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