Business maturity and typical decarbonisation investment characteristics



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Typical investor	Angel	Venture Capital	VC or PE	Specialist PE	Bulge bracket PE
Typical investment	US\$ 10 K – US\$ 250 K	US\$ 250 K – US\$ 2 M	US\$ 10 M – US\$ 50 M	US\$ 50 M – US\$ 100 M	US\$ 100 M – billions
Typical holding period	8 – 10 years	6 – 8 years	5-7 years	3 – 7 years	3 – 5 years
Targeted financial returns	> 75% IRR or + 10x	> 60% IRR or + 10x	> 40% IRR or+7x	~25 to 35% IRR or+5x	> 18% IRR or+3x
Financing stage and investment type	Initial raise, friends and family, angel investors	Seed capital, first institutional check	Growth capital, Series A to C rounds with full due dilligence	Series C round to IPO with full prospectus	Majority control, debt leveraged
Typical technology maturity (TRL)	1-3	2 – 4	4 – 7	7-8	8-9
Example decarbonisation technologies	Developments of emerging and established technologies	(CO ₂) MOF	DAC PWGS e-fuels SOECIAEM	PEMAEC PEMAEC PEMAEC PEMAEC	NH ₃ (CO ₂ NH ₃ (Solvent)