Business maturity and typical decarbonisation investment characteristics



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| Typical investor | Angel | Early stage VC | VC | Late stage VC/PE | Bulge bracket PE/Infra |
|--------------------------------------|--|---|---|--|-------------------------------------|
| Typical investment | US\$ 10 K – US\$ 250 K | US\$ 250 K – US\$ 5 M | US\$ 5 M – US\$ 50 M | US\$ 50 M – US\$ 200 M | US\$ 200 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 | H ₂ CO ₂ MOF | DAC Tech e-fuels SOEGAEM | Tech PEMAEC PEMAEC PEMAEC PEMAEC | Projects Projects Solvent |