

Final Investment Decision



Risk Category	Risk Description	Management Approach	
Strategic risks	Immature/slow progress across value chain (e.g., roll out of supporting infrastructure, cooperation, upstream engagement in transition)	Public finance, Risk engineering and advisory	
	Availability of adequate talent pool	Risk engineering and advisory	
	Uncertainty in market size and demand	Finance, Contracts, Risk engineering and advisory	
	Delays to siting and permit processes	Risk engineering and advisory	
	Industry innovation degrading competitive advantage	Contracts, Risk engineering and advisory	
Financial risks	Lack of appropriate offtake agreements (volume, length, price, FX)	Contracts, Risk engineering and advisory	
	Cost volatility (e.g., input costs, overheads, FX)	Finance, Risk engineering and advisory	
	Insufficient confidence in investment returns hindering financial decisions (e.g., company revenues, time scales, FX, interest rates)	Finance, Risk engineering and advisory	
	Revenue volatility (e.g., price and volume fluctuations)	Insurance (triangle is non-standard), Finance, Risk engineering and advisory	
Financial risks	Insufficient confidence in viability of novel technologies	Insurance (triangle is non-standard), Finance, Risk engineering and advisory	
	Creditworthiness of counterparties (e.g., offtakers)	Finance	
	Operating risks	Weather impacts	Insurance (triangle is non-standard), Risk engineering and advisory
		Damage from novel technology malfunction	Insurance (triangle is non-standard), Contracts, Risk engineering and advisory
Performance and integration of technologies		Insurance (triangle is non-standard), Contracts, Risk engineering and advisory	
Cyber and terrorist attacks		Finance, Risk engineering and advisory	
Input/feedstock supply volatility (e.g., intermittency)		Insurance (triangle is non-standard), Contracts, Risk engineering and advisory	
Supply chain disruptions		Insurance (triangle is non-standard), Risk engineering and advisory	
Contractors defaulting or failing to deliver		Finance, Contracts, Risk engineering and advisory	
Liability and reputational risks	Mandated restoration or remediation	Finance, Contracts, Risk engineering and advisory	
	Legal fees or regulatory fines (incl. environmental and pollution, worker's compensation, physical damage, greenwashing)	Finance, Contracts, Risk engineering and advisory	
	Reputational damages (e.g., environmental concerns, malpractice, third party misconduct)	Insurance (triangle is non-standard)	
Geopolitical risks	Nationalisation or expropriation of assets	Finance	
	Business disruptions or delays driven by political instability and uncertainty in regulation and policy	Insurance (triangle is non-standard), Risk engineering and advisory	
	Competitive disadvantages due to divergent environmental regulation/policies	Contracts, Risk engineering and advisory	