



FINANCIAL MODELLING SUPPORT

Use Case

**FINANCIAL
MODELLING
OFFSHORE
RENEWABLE
ENERGY
PROJECT**

Executive summary

An independent renewable-energy project developer required robust financial analysis, risk modelling and bid documentation to compete for large-scale offshore energy projects in the UK.

AlfaFinTec delivered a focused financial risk and decision-support engagement that clarified project economics, modelled revenue and cost sensitivities, and helped structure a commercially viable bid. The work reinforced the client's bid submission and improved internal decision-making for future infrastructure investments.



Utilities & infrastructure bidding



TYPICAL PROBLEMS

Large infrastructure bids are complex, capital-intensive and sensitive to small changes in assumptions. Typical issues that derail bids or make them unattractive to investors include:

- Incomplete or inconsistent financial models that obscure risks.
- Weak links between technical delivery schedules and cashflow projections.
- Poorly articulated risks, impacting allocation for contingencies and escalation.
- Limited early-stage governance over procurement, contracts and consortium partners.

These gaps reduce competitive edge, inflate perceived risk, and can make otherwise viable projects impossible to finance or to carry forward into final approvals.

APPROACH

FOCUSED, PRAGMATIC AND AUDITABLE

Rapid diagnostic and data capture

- Gather available technical inputs, CAPEX estimates, O&M schedules and market price assumptions.
- Interview commercial, technical and legal leads to discover assumptions and risk exposures.

Modular financial modelling and sensitivity analysis

- Build a modular financial model and make it available to decision-makers.
- Run probabilistic scenarios using ROI analysis to show the distribution of returns against realistic cases.

Risk register and allocation plan

- Create a concise risk register tied to commercial options and contract terms (for example: insurer-ready contingencies, incentives, and depreciation over time).
- Propose a risk allocation plan that aligned with financial and budget expectations, improving transparency.

Bid pack and executive summary for stakeholders

- Produce a one-page executive financial dashboard highlighting key cost impacts, financing needs, and conditional milestones to analyse early investment decisions.

Decision support and governance

- Advise on funding requests, acceptance criteria and an integrated procurement timeline that matched cashflow projections.

OUTCOME



Delivered a robust financial model that the client adopted as the single source of truth for bid evaluation and investor discussions.

Improved clarity on risk scenarios, enabling the client to propose sensible contingency funding and contract terms aligned with tender expectations.



LESSONS & TRANSFERABILITY

Use modular models so technical and commercial teams can iterate independently but remain aligned.

Link procurement and payment milestones directly to cashflow schedules.

Present both best-case and lender-case scenarios in headline dashboards to speed stakeholder decisions.