YOUR TRUSTED ADVISOR ON THE
JOURNEY TO A SUSTAINABLE FUTURE

GENESIS

CAPABILITY OVERVIEW

Cost Estimating Services



Major investment decisions depend on reliable cost information.

Genesis combines engineering expertise, specialist cost estimators, proprietary tools and decades of project experience to deliver transparent, defensible cost estimates.

From early opportunity screening through to Final Investment Decision (FID), we help clients understand cost drivers, evaluate alternatives and invest with greater confidence.

Cost Estimating Services

HOW WE CAN HELP

Estimates based on incomplete scope or weak assumptions can lead to poor investment decisions, understated capital requirements, excessive contingency, delays and repeated revisions.

Genesis provides independent cost insight from early opportunity screening through to Final Investment Decision (FID). We combine front-end engineering expertise, specialist cost estimators, proprietary tools, global cost data and project delivery insight to develop or challenge estimates aligned with AACE Class 5, 4 and 3.

We identify key cost drivers, test assumptions and compare alternatives, helping clients establish a defensible basis for investment decisions.

HOW WE ADD VALUE

- **Improve investment confidence** through transparent, defensible cost information
- **Support capital allocation decisions** by clarifying cost drivers, assumptions and uncertainty
- **Identify value opportunities** while projects remain open to change
- **Reduce delays** through clear estimate bases and consistent methodologies
- **Align stakeholders** around a consistent, open-book cost position

SPECIALIST TOOLS, DATA AND CAPABILITIES

Our integrated capability combines engineering judgement, specialist estimating experience, proprietary tools, historical project data and delivery feedback:

- **ADEPT:** rapid scenario screening and option evaluation
- **DEST suite**: detailed cost estimating tools for brownfield, subsea and decommissioning
- **Genesis cost databases:** historical project data and industry benchmarks
- **Third-party modelling tools:** Aspen Capital Cost Estimator and Thermoflow / GT PRO

CONTACT US

Enquiries regarding our cost estimating services can be sent to:

enquiries@genesisenergies.com

OUR SERVICES

COST ESTIMATING FROM LIMITED DATA

- Engineering-led Class 5 and 4 estimates developed from high-level project inputs to support opportunity screening, option comparison and early identification of cost drivers.

COST ESTIMATING BASED ON DEFINED SCOPE

- Class 4 and 3 estimates developed from client scope, quantities, execution strategies and quotations to support concept selection, FID and project cost optimisation.

INDEPENDENT ESTIMATE REVIEW AND DUE DILIGENCE

- Independent review of CAPEX, OPEX and decommissioning estimates, testing scope, methodology, assumptions, contingency, estimate maturity and potential cost exposure.

INTEGRATED ESTIMATING SUPPORT

- Dedicated estimating support working closely with client teams, providing responsive estimates, option evaluation and ongoing assurance as projects develop.

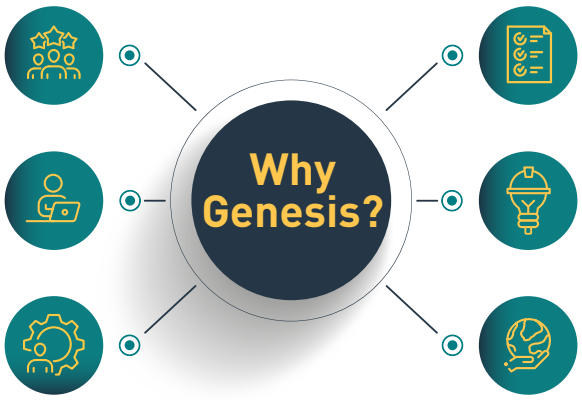


Cost Estimating Services

Proven Experience
Cost estimating capability developed across decades of global energy projects

Front-End Expertise
Early-phase engineering and estimating, where decisions have the greatest influence on cost and value

Integrated Capability
Specialist estimators combine engineering expertise, proprietary tools and global cost data



Outturn-Backed Insight
Estimates informed by project delivery experience and actual cost feedback

Independent Challenge
Testing scope, assumptions and estimate maturity to identify gaps and potential cost exposure

Flexible Delivery
Standalone studies or dedicated support working closely with client teams

EXAMPLE PROJECTS

COST ESTIMATING FROM LIMITED DATA (ASIA PACIFIC)
- Pre-feasibility study assessing seven gas monetization scenarios, including LNG and FLNG
- Class 5 estimates evaluated alongside technical, schedule and risk considerations

Outcome: : Narrowed the development scenarios to a focused set of options for concept selection.

INDEPENDENT ESTIMATE REVIEW (NORTH AMERICA)
- Independent technical and commercial due diligence for a Direct Air Capture (DAC) facility
- Reviewed CAPEX, OPEX, schedule maturity, assumptions and estimate basis against comparable projects and benchmarks

Outcome: Identified material cost and schedule risks and provided an independent basis for the investment decision.

DEFINED SCOPE ESTIMATING (WEST AFRICA)
- Conceptual study for offshore compression platform
- Bottom-up Class 4 estimate covering topsides, substructure, installation and indirect costs

Outcome: Established a defensible cost basis for project planning and progression to the next phase.

INTEGRATED ESTIMATING SUPPORT (NORTH SEA)
- Screening study covering multiple subsea tie-back prospects
- Dedicated estimator worked closely with the client team as project inputs developed

Outcome: Enabled timely comparison of prospects and informed ongoing portfolio decisions.

SECTORS

Oil and Gas
Greenfield and brownfield developments, offshore facilities, subsea systems, deepwater tie-backs, onshore infrastructure, LNG / FLNG

Energy Transition and Infrastructure
Power generation, CCS, hydrogen, ammonia, Power-to-X, sustainable aviation fuels (SAF) and biofuels, electrification and decarbonisation

DELIVERY APPROACH

We deliver standalone estimates or provide dedicated estimating support alongside client teams. As projects develop, we update cost positions, test alternatives and improve understanding of assumptions and cost drivers.



GENESIS

Your trusted advisor on the journey to a sustainable future

GENESIS

TECHNIP ENERGIES