



Your trusted advisor on the journey to a sustainable future

High-value consulting and front-end engineering services for the downstream, refining and petrochemicals sectors.



HOW WE CREATE VALUE

- Maximise asset value and improve refinery margins
- Reduce project and investment risk
- Accelerate decision-making and progression to FID
- Improve project economics and execution readiness
- Enhance asset reliability and performance
- Reduce energy consumption and emissions

WE OFFER

- Holistic, agnostic services aligned with your strategy
- Best-in-class experts and multidisciplinary teams
- Market-leading proprietary tools
- More than 35 years of refining project experience
- Strategic, environmental and techno-economic insights
- World-class delivery frameworks

COLLABORATING WITH TECHNIP ENERGIES FOR SUCCESS

Genesis is a wholly-owned subsidiary of Technip Energies, a global technology and engineering company with 65+ years of experience. Genesis provides robust and realistic CAPEX estimates by leveraging Technip Energies' EPC execution expertise and cost databases. Unlike many consulting firms, we combine strategic advisory and techno-economic studies with cost benchmarks derived from actual experience delivering grassroots, revamp and debottlenecking projects.

Interested in learning more?
Get in touch today.

enquiries@genesisenergies.com



[genesisenergies.com](https://www.genesisenergies.com)

Our Downstream Capabilities

We support clients across the full value chain with services including:

STRATEGY & ADVISORY

- Master planning
- Market studies
- Configuration studies (LP modelling)
- Licensor & technology evaluation
- Early-phase project development

ASSET OPTIMISATION

- Capacity expansion & debottlenecking
- Refinery optimisation studies
- Distillation & recovery improvements
- Crude evaluation & blending optimisation
- Energy efficiency & performance improvement
- Fuel gas balance & hydrogen recovery

ENERGY TRANSITION

- Decarbonisation studies
- Carbon capture studies
- Electrification studies
- Renewable fuels (RD & SAF pathways)

TECHNICAL EXCELLENCE

- Process design & unit support (FCC, hydroprocessing, reforming, etc.)
- Dynamic simulations
- Safety & reliability studies
- Utilities & infrastructure studies
- Facility modernisation studies

For more information, contact us at enquiries@genesisennergies.com



GENESIS