

CAPABILITY OVERVIEW

**Decommissioning,
Abandonment &
Restoration**



Genesis is a valued provider of specialised decommissioning services to the offshore energy sector covering upstream, midstream, downstream and sustainability markets.

Decommissioning, Abandonment & Restoration

HOW WE CAN HELP

- A trusted advisor in the energy transition, Genesis is widely regarded as a valued provider of conceptual and front-end engineering services to the upstream and renewables industries.
- Active in decommissioning for more than 25 years with 200+ studies completed, we have a solid track record of assessing options for the decommissioning of offshore energy and renewables infrastructures.
- We are a multidisciplinary company offering technical services for all aspects of the decommissioning process, including environmental, safety, cost estimating and technical evaluations (structural, subsea and marine).

HOW WE ADD VALUE

- Genesis' extensive team has experience and hands-on knowledge working with global industry, regulators and stakeholders.
- We are dedicated to completing the required deliverables right the first time and employing a lean project approach driven by strong management and close client relations.
- Our multidiscipline experts conduct a robust and holistic selection process to identify the most suitable decommissioning option for your asset. The Genesis approach to recycle, reuse and repurpose is to fully consider all related criteria, including cost, schedule, technical feasibility, legislative controls, safety, project risk, environment and sustainability.
- Our specialists help you explore numerous repurposing options, including carbon capture and storage, Rigs-to-Reef programme, conversion to a hydrogen production facility and/or renewable energy, and dismantling and repurposing individual parts and components.

SPECIALIST TECHNOLOGIES / TOOLS / PROCESSES

- Decommissioning cost estimate tool (independently verified)
- High-quality graphics, illustrations and animations
- Geographic Information System (GIS)
- Transparent and robust Comparative Assessment process
- Suite of specialist and bespoke modelling tools by Genesis

OUR SERVICES



ASSET RETIREMENT OBLIGATION

- Cost estimates using our proprietary decommissioning cost estimation tool
- Independent reviews and verification



REGULATORY SUBMISSIONS

- Decommissioning plans / programmes
- Comparative Assessment / Best Practicable Environmental Option / Options Assessment
- Environmental Impact Assessment and management plans
- Stakeholder engagement and management
- Third party validation studies
- Environmental permits and consents



LATE LIFE TRANSITION

- Integrated strategies for post CoP operations for OPEX reduction (power generation, SECEs and performance standard rationalisation) and manning



FACILITY ABANDONMENT PREPARATION

- Subsea and topsides EDC
- Material / waste inventory and management
- Technology and supply chain reviews
- Deterministic and probabilistic cost and schedule estimates
- Bespoke software for mercury contamination level estimates and locations at risk of accumulation



DECOMMISSIONING ENVIRONMENTAL SUPPORT

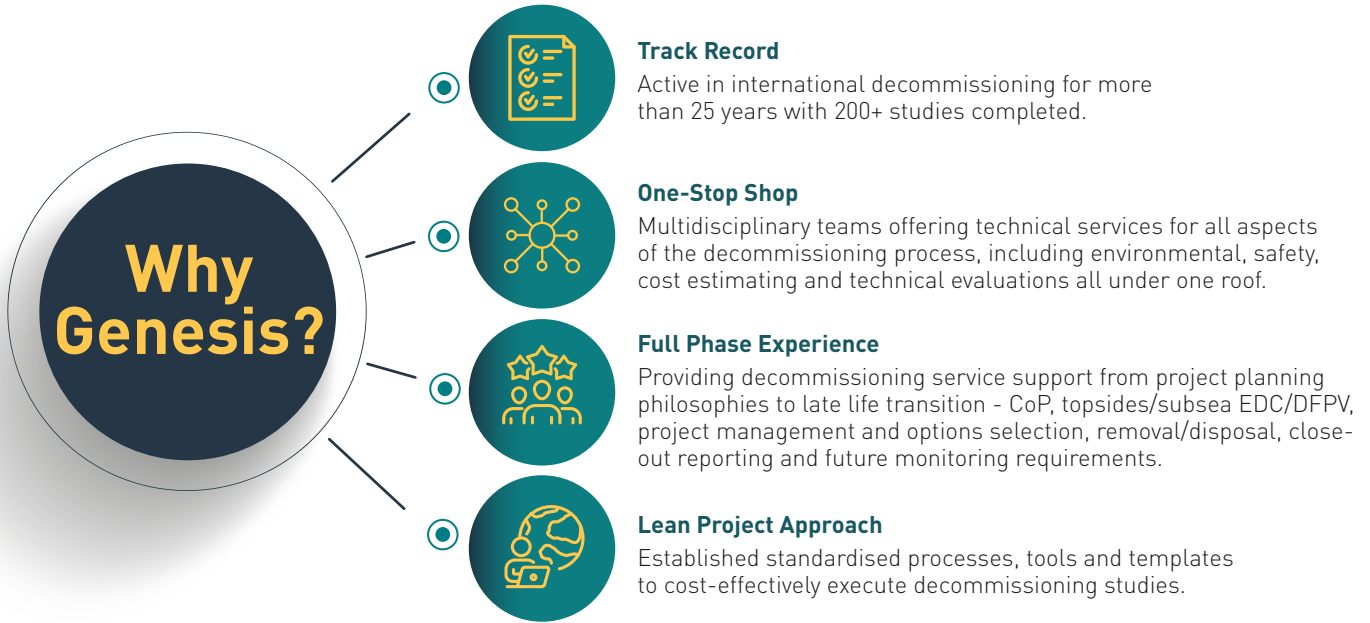
- Carbon emissions
- Drill cuttings management
- Survey guidance and interpretation
- ENVIDs
- Noise, emissions and drill cuttings modelling
- Habitat and species disturbance

CONTACT US

Inquiries regarding our decommissioning, abandonment and restoration services can be sent to:

enquiries@genesisenergies.com

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OUR KEY PROJECTS

Client: T.EN
Scope: Floating offshore wind farm decommissioning, abandonment, restoration & recycling study.

Client: Repsol
Scope: Conceptual decommissioning engineering for the removal of the Tarragona Casablanca Field facilities, Poseidon Field facilities and Albatros Field facilities.

Client: North Caspian Operating Company (NCOC)
Scope: Decommissioning plan / philosophy for Aktote and Kairan Developments.

Client: Reliance
Scope: FEED studies to support CAs of the deepwater facilities, inc. pipelines, FPSO, jacket and onshore terminal, etc. Develop decommissioning plans with detailed cost & schedules estimates and execution methodologies.

Client: CEPSA
Scope: Asset Retirement Obligation (ARO) update for off and onshore CEPSA facilities in North Africa, Middle East and South America.

Client: PTTEP
Scope: Decommissioning guidelines development, subsea pipelines, topsides and jackets.

Client: CEPSA
Scope: Support the execution of the Select and Define stage studies for decommissioning the Bijupira-Salema Field assets, offshore.

Client: EnQuest
Scope: Decommissioning Options Studies for the PM8 and Seligi fields, including option cost and schedule estimates.

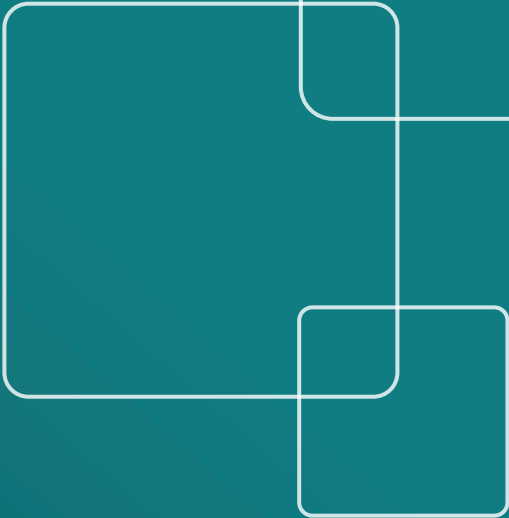
Client: BP
Scope: Miller pipeline decommissioning project, CA, EA, DP, cost estimating, stakeholder management and survey gap analysis.

Client: E&P company
Scope: GFA Support late life and decommissioning planning for Auk, Clyde, Fulmar and subsea facilities; Power Generation and Supply, EDC of the topsides and subsea and Post CoP operational mode.

Client: E&P company
Scope: Clyde Area DPs, CAs, EAs, and all supporting studies (e.g., subsea infrastructure and pipelines decommissioning options, facilities (topside and jacket (derogation) options selection), safety and environmental studies).

Client: EnQuest
Scope: Coral South FLNG decommissioning philosophy and plan according to BPE0, cost estimate, comparative and environmental assessments.

Client: EnQuest
Scope: Decommissioning Options Studies for the PM8 and Seligi fields, including option cost and schedule estimates.



Your trusted **advisor** on the journey
to a **sustainable future**

