ADVANCED FSRU PROJECT DEVELOPMENT, COMMERCIAL & CONTRACTUAL STRATEGIES



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Introduction

An FSRU turns a ship into a receiving terminal, which means a gas import project can start with a charter and a jetty instead of a five-year construction programme. That speed carries complexity: regasification capacity, send-out obligations, berth availability, and a chain of contracts that must fit together before the first cargo arrives. This Advanced FSRU Project Development, Commercial & Contractual Strategies Training Course gives LNG project developers, commercial managers, and contract professionals a complete working method for that structure. Participants learn FSRU technology and configuration, project development stages, commercial structuring, terminal use and regas agreements, and financing and risk allocation.

Advanced FSRU Project Development, Commercial & Contractual Strategies Course Objectives

- Apply FSRU technology options and terminal configuration choices.
- Plan FSRU project development stages from feasibility to operation.
- Apply site selection, permitting, and marine infrastructure requirements.
- Structure regasification, terminal use, and capacity agreements.
- Apply LNG supply, charter, and offtake contract interfaces.
- Apply tariff and tolling structures to terminal economics.
- Apply commercial levers: capacity, send-out, and flexibility rights.
- Apply risk allocation across charter, construction, and operation phases.
- Apply project financing structures and lender requirements.
- Measure performance with utilisation, send-out reliability, and unit cost of gas.

Course Methodology

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- Facilitated sessions built on real terminal agreements, project models, and feasibility studies.
- Case workshops on project delays, capacity disputes, and charter terminations.
- Capacity, tariff, and project economics calculation exercises with live data.
- Contract interface and term sheet drafting labs.
- Group exercise on an FSRU commercial structure with a risk allocation matrix.

Who Should Take This Course

- LNG and gas project development managers.
- Commercial and structuring managers in energy.
- Contracts and legal advisors on LNG projects.
- Shipping and chartering professionals in gas trade.
- Project finance and treasury analysts.
- Regulatory and government liaison officers in gas.

Advanced FSRU Project Development, Commercial & Contractual Strategies Course Outlines

Day 1: FSRU Technology and Project Configuration

- FSRU versus onshore terminal and FRSU concepts.
- Vessel specifications: storage capacity, regas capacity, and containment.
- Regasification systems and send-out capability.
- Mooring, jetty, and port infrastructure requirements.
- Site selection criteria: water depth, seabed, and metocean conditions.
- Environmental, permitting, and marine regulatory requirements.

- Operating modes and seasonal flexibility.

Day 2: Project Development and Delivery

- Development stages: feasibility, screening, FEED, and EPC.
- Project schedule and critical path drivers.
- Contractor selection and EPC structuring.
- Interface management between vessel, jetty, and pipeline.
- Commissioning, start-up, and performance testing.
- Operational readiness and staffing.
- Conversion versus newbuild FSRU decisions.

Day 3: Commercial Structuring and Contracts

- Contract map: charter, terminal use, regas, and supply.
- Time charter versus bareboat structures for FSRUs.
- Terminal Use Agreement (TUA) and regasification agreement terms.
- LNG supply and offtake agreements and their interface.
- Tariff and tolling structures: capacity, commodity, and fixed charges.
- Take-or-pay, send-or-pay, and deficiency mechanisms.
- Third-party access and open access regimes.

Day 4: Risk Allocation and Project Finance

- Risk allocation across project phases and parties.
- Charter, construction, and operational risk transfer.
- Force majeure, termination, and compensation events.
- Insurance: marine, construction, and business interruption.

- Lender requirements, security packages, and covenants.
- Debt sizing, coverage ratios, and cash waterfall basics.
- Government support, sovereign guarantees, and regulatory risk.

Day 5: Operations, Performance, and Optimisation

- Capacity booking, nomination, and scheduling practice.
- Send-out reliability and availability obligations.
- Measurement, boil-off, and gas accounting basics.
- Performance monitoring against contract obligations.
- Dispute and claim management in FSRU projects.
- KPIs: utilisation, send-out reliability, and unit cost of gas.
- Building an FSRU project commercial improvement roadmap.

Conclusion

By successfully completing the Advanced FSRU Project Development, Commercial & Contractual Strategies Training Course, participants will have acquired a thorough working knowledge of FSRU technology and configuration, project development and delivery, commercial and contract structuring, risk allocation and project finance, and terminal operations and performance management. They will leave able to build a commercial structure that fits together, allocate risk to the party that can carry it, and manage a terminal against contract obligations with measurable evidence. Gentex Training Center delivers this programme with LNG development, commercial, and contracts practitioners working on live projects.

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FAQs for the Advanced FSRU Project Development, Commercial & Contractual Strategies course

Q1 What is the "Advanced FSRU Project Development, Commercial & Contractual Strategies" course about?

It is a five-day programme on developing an FSRU-based LNG import project and structuring its commercial and contractual framework. It covers FSRU technology and configuration, project development, commercial structuring, risk allocation and project finance, and terminal operations.

Q2 What are the key benefits of the "Advanced FSRU Project Development, Commercial & Contractual Strategies" course?

Participants structure a contract map where charter, terminal use, supply, and offtake terms align instead of conflicting, allocate risk to the party that can carry it, and build a project finance package lenders can assess. They also manage terminal obligations against measurable send-out and availability performance.

Q3 What skills will I gain from the "Advanced FSRU Project Development, Commercial & Contractual Strategies" course?

You will gain FSRU technology and configuration assessment, project development and delivery planning, commercial and contract structuring for LNG terminals, and risk allocation, project finance, and terminal performance management.

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Q4 What tools, methods, or standards are covered in the "Advanced FSRU Project Development, Commercial & Contractual Strategies" course?

The course works with FSRU versus onshore terminal concepts, vessel specifications covering storage capacity, regas capacity and containment, regasification and send-out capability, mooring, jetty and port infrastructure requirements, site selection criteria including water depth, seabed and metocean conditions, environmental permitting and marine regulation, operating modes and seasonal flexibility, development stages from feasibility to FEED and EPC, schedule and critical path analysis, contractor selection and EPC structuring, interface management between vessel, jetty and pipeline, commissioning and performance testing, conversion versus newbuild decisions, the contract map covering charter, terminal use, regas and supply, time charter versus bareboat structures, Terminal Use Agreement and regasification agreement terms, LNG supply and offtake agreement interfaces, tariff and tolling structures covering capacity, commodity and fixed charges, take-or-pay, send-or-pay and deficiency mechanisms, third-party and open access regimes, risk allocation across project phases, force majeure, termination and compensation events, marine, construction and business interruption insurance, lender requirements, security packages and covenants, debt sizing and coverage ratios, government support and sovereign guarantees, capacity booking, nomination and scheduling, send-out reliability and availability obligations, boil-off and gas accounting, performance monitoring against contract obligations, and KPIs covering utilisation, send-out reliability and unit cost of gas.

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Q5 How is the "Advanced FSRU Project Development, Commercial & Contractual Strategies" course applied in real-world practice?

Teams apply it when screening an FSRU site for a first LNG import project, structuring a TUA with regas and capacity charges, aligning a time charter with supply and offtake terms, building a risk matrix for lender due diligence, negotiating send-or-pay obligations with a buyer, and reviewing utilisation and unit gas cost at an operations review.