ADVANCED FSRU PROJECT DEVELOPMENT, COMMERCIAL, CONTRACTUAL & ASSET MANAGEMENT



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GENTEX Training Center LLC | Orlando - FL, USA
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Introduction

Advanced FSRU Project Development, Commercial, Contractual & Asset Management Training Course covers the full life of a floating storage and regasification unit, from concept to operations. FSRUs deliver gas import capacity faster and cheaper than onshore terminals, but they carry a distinctive mix of risks: vessel conversion, mooring and berth design, regasification performance, and a commercial structure built on long-term capacity agreements. This course connects all of them. It covers project development, technical configuration, and commercial structuring. Furthermore, it applies terminal use agreements, charter parties, regasification tariffs, and risk allocation. In addition, it develops asset management, operations, and performance monitoring. As a result, participants manage FSRU projects with commercial and technical discipline.

Advanced FSRU Project Development, Commercial, Contractual & Asset Management Course Objectives

- Explain FSRU technology, configurations, and deployment options.
- Compare FSRU and onshore LNG terminal development models.
- Assess site selection, marine, and berth infrastructure requirements.
- Evaluate vessel conversion, newbuild, and chartering options.
- Structure the commercial model using capacity and tolling frameworks.
- Apply terminal use agreement terms and capacity allocation rules.
- Analyse charter party provisions, hire structures, and off-hire events.
- Apply regasification tariff design and send-out fee structures.
- Identify and allocate project and operational risk between parties.
- Manage FSRU asset performance, maintenance, and lifecycle costs.

Course Methodology

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- Interactive lectures with real FSRU project and commercial cases.
- Project development and configuration comparison workshops.
- Terminal use agreement and charter party term analysis exercises.
- Tariff and commercial structuring modelling practice.
- Structured peer review with facilitator feedback on risk allocation proposals.

Who Should Take This Course

- LNG and gas project development professionals.
- Commercial and business development managers in energy.
- Contract and legal advisors on LNG infrastructure.
- Project finance and investment analysts.
- FSRU operations and asset managers.
- Regulators and advisors on gas import infrastructure.

Advanced FSRU Project Development, Commercial, Contractual & Asset Management Course Outlines

Day 1: FSRU Technology and Project Development

- FSRU role in the LNG value chain and gas import strategy.
- FSRU versus onshore terminal comparison.
- Vessel types, storage capacity, and regasification capacity.
- Site selection, marine access, and metocean conditions.
- Berth, mooring, and loading system design considerations.
- Conversion versus newbuild vessel options.
- Case study: comparing two FSRU deployment configurations.

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Day 2: Commercial Structuring and Tariff Design

- Business models: tolling, merchant, and capacity-based.
- Regasification terminal use agreement structure.
- Capacity allocation, nomination, and send-out rights.
- Tariff components: capacity charge and send-out fee.
- Indexation, escalation, and currency of tariffs.
- Take-or-pay and minimum quantity obligations.
- Workshop: modelling regasification tariff revenue.

Day 3: Contracts and Risk Allocation

- Charter party types: time, bareboat, and voyage.
- Hire structures, off-hire events, and performance warranties.
- Terminal use agreement key terms and defaults.
- Gas supply agreements and interface with terminal capacity.
- Force majeure, change of law, and termination provisions.
- Insurance, liability, and indemnity structures.
- Workshop: reviewing a charter party risk allocation clause.

Day 4: Project Execution and Financing

- Project schedule, milestones, and critical path management.
- Conversion yard selection and delivery risk.
- Procurement, vendor management, and interface control.
- Capital cost estimation and contingency planning.
- Project finance structure and debt service coverage.

- Commissioning, start-up, and performance testing.
- Workshop: appraising an FSRU project investment case.

Day 5: Asset Management and Operations

- Operations and maintenance planning for FSRUs.
- Regasification performance and send-out reliability.
- Planned and unplanned downtime management.
- Spare parts, dry docking, and lifecycle cost planning.
- Health, safety, and environmental management.
- Performance monitoring, KPIs, and contractual remedies.
- Course review, assessment, and action planning.

Conclusion

By successfully completing Advanced FSRU Project Development, Commercial, Contractual & Asset Management, participants will gain a thorough understanding of FSRU technology and configuration, project development, commercial structuring and tariff design, terminal use agreements and charter party terms, risk allocation, project financing, and asset and operations management. They will also acquire practical skills in FSRU project development and configuration assessment, commercial structuring and regasification tariff design, contract negotiation and risk allocation, and asset management and operational performance monitoring. In addition, the course prepares them to deliver FSRU projects that perform commercially and technically. Gentex Training Center delivers this programme with a strong focus on applied project and commercial practice.

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FAQs for Advanced FSRU Project Development, Commercial, Contractual & Asset Management course

Q1 What is the "FSRU Project Development, Commercial, Contractual & Asset Management" course about?

It is a five-day programme covering the full life of a floating storage and regasification unit. It covers FSRU technology and configuration, project development and site requirements, commercial structuring and regasification tariffs, terminal use agreements and charter party terms, risk allocation, project financing, and asset and operations management.

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

Participants structure FSRU projects with commercial clarity and lower contractual exposure. The course improves configuration and site decisions, sharpens tariff and capacity structuring, strengthens charter party and terminal use agreement positions, clarifies risk allocation between parties, improves project finance modelling, and raises asset performance monitoring.

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

Participants gain FSRU project development and configuration assessment, commercial structuring and regasification tariff design, contract negotiation and risk allocation, and asset management and operational performance monitoring. These four skills cover the practical core of FSRU project and commercial work.

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

The course covers FSRU technology and role in the LNG value chain, FSRU versus onshore terminal comparison, vessel type and capacity assessment, site selection with marine access and metocean analysis, berth, mooring and loading system design, conversion versus newbuild evaluation, tolling, merchant and capacity-based business models, the regasification terminal use agreement structure, capacity allocation and send-out rights, capacity charge and send-out fee tariff components, tariff indexation, escalation and currency provisions, take-or-pay and minimum quantity obligations, time, bareboat and voyage charter party types, hire structures and off-hire events, performance warranties, terminal use agreement defaults, gas supply agreement interface, force majeure, change of law and termination provisions, insurance, liability and indemnity structures, project schedule and critical path management, conversion yard selection and delivery risk, procurement and interface control, capital cost estimation and contingency planning, project finance structure and debt service coverage, commissioning and performance testing, operations and maintenance planning, send-out reliability management, dry docking and lifecycle cost planning, HSE management for FSRUs, and performance KPIs and contractual remedies.

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

Participants apply the methods to live and simulated projects. They compare configurations and sites, evaluate conversion against newbuild, build commercial models with capacity charges and send-out fees, review terminal use agreement and charter party terms, allocate risk between parties, model project finance and debt service coverage, plan commissioning and start-up, and monitor operational performance against contractual KPIs. Many leave with a commercial structuring model, a risk allocation matrix, and a performance monitoring framework ready to use.