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# Offshore Late-Life Asset and Cessation of Production Planning Training Course

21 – 25 June 2027
Singapore

# Offshore Late-Life Asset and Cessation of Production Planning Training Course

**Ref:** 2531_96119 **Date:** 21 – 25 June 2027 **Location:** Singapore **Fees:** 9300 GBP

Offshore Late-Life Asset and Cessation of Production Planning is a 1-week training course for engineers, project staff and health, safety and environment staff new to ageing offshore fields, leaving with a late-life outline plan for one asset. As reservoirs deplete and host platforms age, the choices made before the last barrel is produced decide later safety, liability and spend. Jupiter Prime Training offers this foundation view of offshore late-life asset and cessation of production planning.

## Why Offshore Late-Life Asset and Cessation of Production Planning Matters Now

Three forces shape late-life offshore work today: maturing basins with many platforms nearing the end of economic production, partners and host owners who share end-of-life liabilities, and stricter expectations on waste, emissions and seabed condition after removal. An operator that prepares early can extend field life where it pays, stop production on its own timetable and enter removal with clean wells, drained systems and credible estimates. One that drifts into cessation faces stranded equipment, unplanned well work and contested liability shares between partners.

## Who Gains Most from Offshore Late-Life Asset and Cessation of Production Planning

- Production engineers tracking declining output and cost per barrel.
- Well-integrity staff preparing wellbores for permanent barriers.
- Planners sequencing late-life scopes and early cost ranges.
- Environment staff responsible for hazardous inventories and waste routes.
- Commercial staff handling partner liability shares and provisions.

An asset team sending production, well and environment members together gains most.

## Offshore Late-Life Asset and Cessation of Production Planning Capabilities

Participants practise the judgements that sit between a field in decline and a platform ready to remove.

- Assess late-life field economics using decline curves and cost per barrel — informing when cessation of production is justified.
- Weigh life-extension options — informing whether to defer cessation.
- Build a well inventory with barrier status — serving well engineers and partners.
- Compare removal options — informing the preferred end state for each structure.
- Apply a waste hierarchy to platform materials and hazardous inventories — serving environment staff and disposal contractors.
- Calculate an early-stage cost range — informing partner provisions and budget requests.

## Key Offshore Late-Life Asset and Cessation of Production Planning Terms

- Cessation of production — the point at which an operator permanently stops producing hydrocarbons from a field or installation.
- Economic limit — the production rate below which a field's revenue no longer covers its operating cost.
- Plug and abandonment — permanently sealing a well with barriers so fluids cannot flow to surface or between zones.
- Engineering down and cleaning — draining, flushing and isolating process systems so a platform is safe for removal work.
- Comparative assessment — a structured comparison of removal options against safety, environmental, technical and cost criteria.
- Late-life outline plan — an early document setting out cessation timing, scope, options and cost.

## Offshore Late-Life Asset and Cessation of Production Planning Day by Day

### Day 1: Late-Life Field Context

- Production Decline Curves — Forecasting When Output Reaches the Economic Limit
- Operating Cost per Barrel Trends — Spotting Late-Life Cost Pressure Early
- Life-Extension Options and Tie-Back Screening — Deferring or Confirming Cessation Timing
- Partner Agreements and Liability Shares — Who Pays for End-of-Life Work
- Asset Register and Structure Inventory — Baseline for All Later Choices

### Day 2: Preparing for Cessation of Production

- Cessation Readiness Checklist — Confirming Systems, People and Permits Are Prepared
- Hydrocarbon Inventory and Flushing Sequences — Engineering Down Process Systems Safely
- Lighthouse Mode and Minimum Manning Options — Reducing Cost Before Removal
- Hazardous Materials Survey — Locating Scale, Asbestos and Naturally Occurring Radioactivity
- Stakeholder and Workforce Transition Map — Managing Crews Through Late Life

### Day 3: Wells at End of Life

- Well Inventory and Barrier Status Review — Scoping Permanent Abandonment Work
- Abandonment Complexity Categories — Matching Wells to Rig or Rigless Methods
- Cement Plugs and Barrier Verification — Proving Long-Term Isolation of Zones
- Conductor Cutting and Recovery — Clearing Wells Below the Seabed
- Well Campaign Sequencing — Batching Wells to Cut Vessel Time

## Day 4: Removal Options, Waste and Cost

- Topside Removal Options in Outline — Single Lift, Piece-Small or Reverse Installation
- Jacket and Pipeline End States — Full Removal, Partial Removal or Leave in Place
- Comparative Assessment Criteria Matrix — Selecting a Preferred Option Transparently
- Waste Hierarchy and Onshore Disposal Routes — Reuse, Recycling and Landfill Choices
- Early-Stage Cost Ranges and Uncertainty — Setting Provisions Partners Can Accept

## Day 5: Practising the Late-Life Outline Plan

- Case Asset Briefing — Applying Decline and Cost Screening to One Field
- Cessation Timing Decision — Testing Life-Extension Options Against the Economic Limit
- Well and Structure Scope Sheet — Combining Abandonment and Removal Choices
- Waste and Environment Register — Linking Hazardous Inventories to Disposal Routes
- Late-Life Outline Plan Assembly — Timing, Scope, Options and Cost Range

## Applying Offshore Late-Life Asset and Cessation of Production Planning After the Course

- Run a decline and cost-per-barrel screening on one ageing field and share the projected economic limit.
- Build a well inventory with barrier status and abandonment categories for one platform.

## Offshore Late-Life Asset and Cessation of Production Planning Questions FAQ

### What is offshore late-life asset and cessation of production planning, and why does it matter now?

It is the preparation of an ageing offshore field for the end of production and removal. It matters because many platforms near their economic limit, and early choices shape later liability.

### Who gains most from offshore late-life asset and cessation of production planning?

Engineers, project staff and health, safety and environment staff new to ageing assets gain most.

### How does offshore late-life asset and cessation of production planning differ from a removal engineering course?

It is a foundation course centred on the years before removal: economics, cessation readiness, well inventories and early options. A removal engineering course goes deeper into heavy-lift methods and marine logistics.

## What do you bring back from offshore late-life asset and cessation of production planning?

You bring back a late-life outline plan for one asset. It sets out cessation timing, well scope, removal options, waste routes and a cost range.

## Offshore Late-Life Asset and Cessation of Production Planning: The Way Forward

The late-life outline plan first informs the decision on when to stop production. Asset managers and partners use it to set provisions and order hazardous surveys. After its first use, the comparative assessment of removal options deserves a second look as survey data replaces early assumptions.