

3rd NORWEGIAN DECOMMISSIONING SEMINAR

11th November 2025 09:00 – 14:00 , Quality Airport Hotel Stavanger

Best Practice Handbook



OFFSHORE NORGE



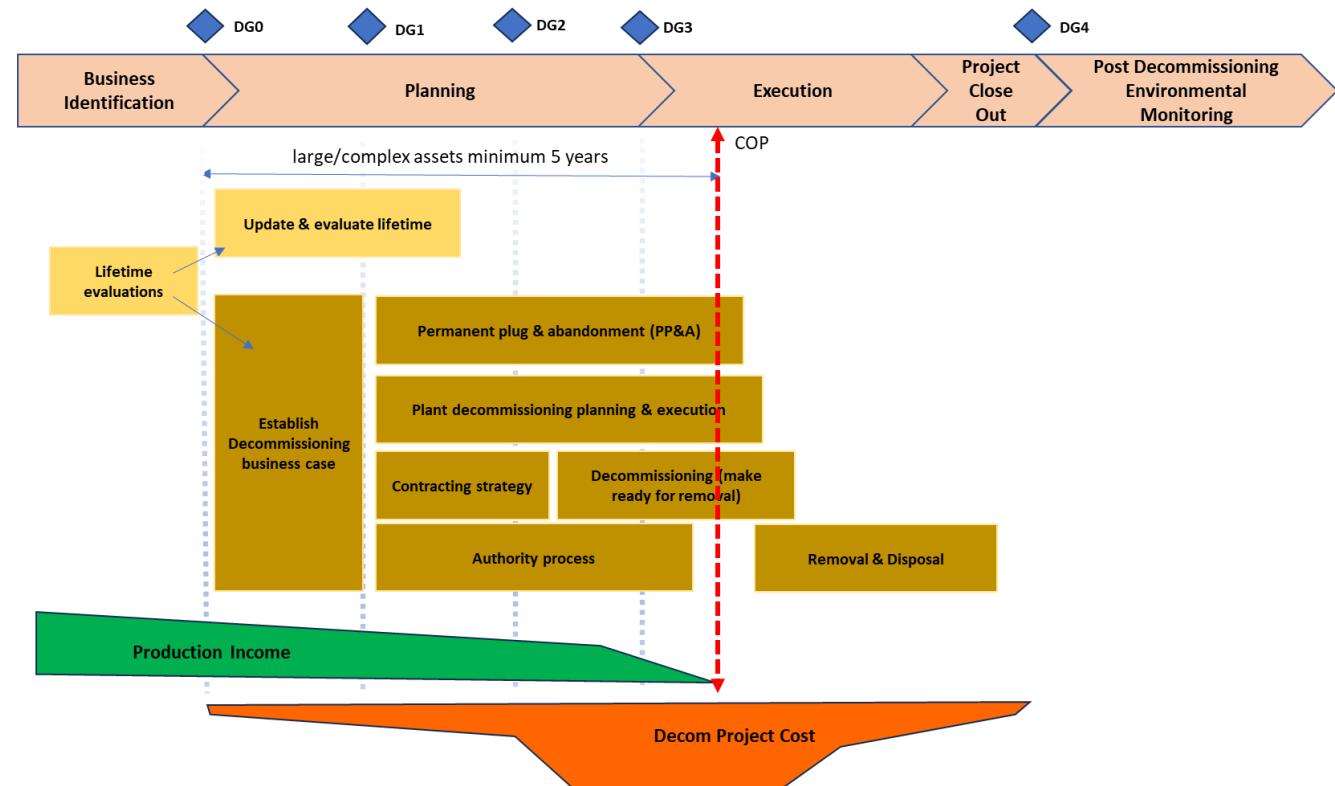
INTRODUCTION

- Included on the decommissioning network's handling plan
 - Collect experience from all the recent decommissioning completed and ongoing
 - Allow future projects to benefit from this experience
 - Provide guidance through the various stages of a project
 - Focus on facilities
 - Details at a high level because of confidentiality
 - It provides a lot of points to consider but it is the project's responsibility to make their own decisions
- A group of persons from OKEA, Equinor, Norske Shell, Vår Energi, AkerBP, DNO was established to work on the document
- The document when finalised was sent out to the decom network for review The document is now complete and will be published shortly on Offshore Norge's internet page as a handbook
- Most important learning is to start planning early

INTRODUCTION

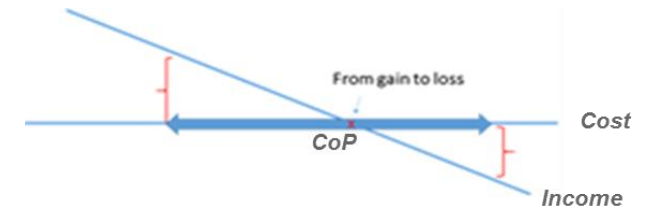


- The handbook is split into five subsections as follows:
 - Business identification and framing
 - Planning – project phase
 - Execute – project phase
 - Project Close out
 - Project decommissioning environmental monitoring
- There is a section giving an overview of the acts/regulations/standards that are applicable
- Also, a section covering Industry collaboration – description of the Offshore Norge systems(Loop, EqHub, etc) available to support decommissioning



BUSINESS IDENTIFICATION AND FRAMING

- Governance Process
 - Establish a bespoke process distinct from development projects
 - Gate process
 - WBS – recommendation to use Offshore Norge WBS structure (separate handbook)
 - Master document lists
 - Decommissioning guideline
- Decommissioning timing
 - Include in Long range plan along with any lifetime extension program
 - Start planning based on 4-7 years prior to COP
 - Optimise production with PP&A of platform wells



PLANNING – PROJECT PHASE

- Organisation
 - Comprehensive Coverage – one organisation covering all aspects
 - Project Management Strategy
 - Asset Manager Role
 - Operations Personnel Strategy
- Lessons Learned
- Stakeholder Management
- Authority Submittals – Decommissioning Plan & Impact Assessment
- Duration of production license

PLANNING – PROJECT PHASE

- Establish Decommissioning Business Case
 - Strategy Definition
 - Business Case Objectives
 - Area Assessment
 - Scope of Work
 - Schedule and ABEX estimate
 - Production and OPEX review
 - Project Economics
 - Integrity Aspects
 - Risk and Opportunity Register
 - Authority Interface Plan
- Mapping & Condition
 - As Built Data/Documentation
 - Inventory Mapping
 - Integrity Assessments
 - Operations – System review and spare parts

PLANNING – PROJECT PHASE

- Strategies
 - Baseline Decommissioning Strategy – lighthouse mode?
 - Subsurface and PP&A Strategy
 - Plant Decommissioning Strategy
 - Contracting
 - Onshore Disposal
- Contracts & Commercial
 - Commercial/Service Agreements
 - Contract
 - Proximity and/or crossing agreements
- Contractors & Studies
- Decision Support

PLANNING – PROJECT PHASE

- Disposal
 - Evaluate reuse/repurpose
 - Cross border
 - Onshore Disposal strategy

EXECUTION – PROJECT PHASE

- Management and Planning
 - Interface Management
 - Assurance Process
 - Baseline Planning
 - Risk Management
- Verification and Reviews
- Authority submittals
- Lessons Learned Process
- Decommissioning insurance/Marine Warranty Surveyor
- Pipeline/umbilical cleaning

EXECUTION – PROJECT PHASE

- Disposal Activities
 - Change of title
 - Reduce line of fire
 - Effective Waste Management system
 - Resale requirements

PROJECT CLOSE OUT

- Secure and review final deliverables
 - Close out Reports
 - Final Disposal Reports
 - Chemical Usage reporting
 - Equipment Recovery
 - Waste Management
 - Materials Accounting
 - Emissions Reporting
- Field License Documentation Archiving
- As Built Documentation
- Relinquishment of the license
- Disposal of spares/tooling

PROJECT CLOSE OUT

- Experience Transfer (Lessons Learned)
- Storage requirement of cores and samples
- License 2 Share
- Contracts & Accounts closing

POST DECOMMISSIONING ENVIRONMENTAL MONITORING

- Environmental Monitoring
- Norwegian Environmental Agency (Mdir) Close out report





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