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**From Decision to Dividend:
Making Namibia's Oil Work
for Namibians**

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#NamibiaOGC26

Supporting sustainable offshore development

Baseline surveys and monitoring as legal controls for process safety, environmental protection and spill response.



EVIDENCE-BASED
SOLUTIONS



ENVIRONMENTAL
STEWARDSHIP



INFORMED DECISIONS
FOR A SUSTAINABLE FUTURE

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A baseline is the operator's legal control point

It fixes the reference condition against which four later questions are tested.

- | | |
|---------------------|---|
| 01 AUTHORISE | What impacts were predicted and accepted? |
| 02 CONTROL | Did operations remain within approved limits? |
| 03 ATTRIBUTE | Can project impact be separated from natural and cumulative change? |
| 04 DEFEND | Can due diligence be proved to regulators, insurers and courts? |

The duty sits across law, approvals and contracts

A contract can allocate performance, however, it cannot erase a statutory duty owed to the regulator.

ENVIRONMENTAL	EMA + EIA Regulations	ECC, assessment, consultation, EMP and monitoring
PETROLEUM	Petroleum Act + GN 190	Operator control of safety, environment and emergencies
POLLUTION	Sea-pollution law + NMPCP	Prevention, notification, Tier 1–3 response and recovery
COMMERCIAL	Licence, JV + service contracts	Data, audit, notice, indemnity, insurance and recourse



Lifecycle Evidence Management: Survey to Closure

The legal record endures beyond approval. Ensuring robust data travels across the entire asset lifecycle to maintain regulatory compliance and operational integrity.

01

BEFORE ACTIVITY

- Seasonal baseline
- Receptors
- Cumulative context
- Chain of custody

02

DURING OPERATIONS

- Safety indicators
- Discharges
- Water
- Sediment
- Noise
- Biodiversity

03

TRIGGER / INCIDENT

- Stop or contain
- Notify
- Source sampling
- Trajectory
- Impact assessment

04

RECOVERY / CLOSURE

- Remediation endpoints
- Long-term monitoring
- Decommissioning evidence

COMPARABLE • QUALITY-ASSURED • RETAINED • ACCESSIBLE ACROSS CONTRACTORS AND LICENCE PHASES

Process safety must operate as a verified legal system

The test is not whether a policy exists; it is whether safety-critical barriers were effective.



Monitoring must trigger a pre-agreed decision

Data without an escalation rule is collection—not risk management.

NORMAL	Validate and trend against baseline
EARLY WARNING	Increase frequency; investigate source
EXCEEDANCE	Contain or stop; notify; correct
TIER 1	Operator first-strike capability
TIER 2 / 3	External MPRO + national arrangements

Preserve: QA/QC • notices • chain of custody • command logs • trajectory • costs



Contracts must close the gap between control and liability

Statutory responsibility remains with the operator; commercial recourse depends on precise drafting.

OPERATING CONTROL

Installation, personnel, permits, emergency command and stop-work decisions

DATA + AUDIT

Raw data, samples, models, formats, retention and regulator access

NOTICE + COOPERATION

Deadlines, evidence preservation and support for investigations

INDEMNITY

Pollution, property, personnel and consequential loss aligned to control

INSURANCE

Named insureds, waivers, deductibles, exclusions, limits and claims cooperation

CHANGE IN LAW

Cost and schedule impact of new monitoring, approval or closure duties

An indemnity backed by excluded cover is not risk transfer—it is wishful thinking.

Make sustainability provable.

THE LEGAL STANDARD

- 01 Approve the baseline before mobilisation
- 02 Bind monitoring to thresholds and named decisions
- 03 Verify safety-critical barriers independently**
- 04 Contract for raw data, audit and response cooperation
- 05 Exercise Tier 1–3 response and preserve the evidence trail

Sustainable development exists when the operator can show- not merely assert—that risk was understood, controlled, monitored and corrected.



THANK
YOU



SCAN TO CONNECT

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