SUNDANCE ENERGY

INFRASTRUCTURE

Marginal oil & gas field development



The marginal field development opportunity

87+

Shallow-water oil and gas fields across the Niger Delta

A focused market

Indigenous operators assessing undeveloped discoveries, phased production or expansion of existing assets.

A practical advisory need

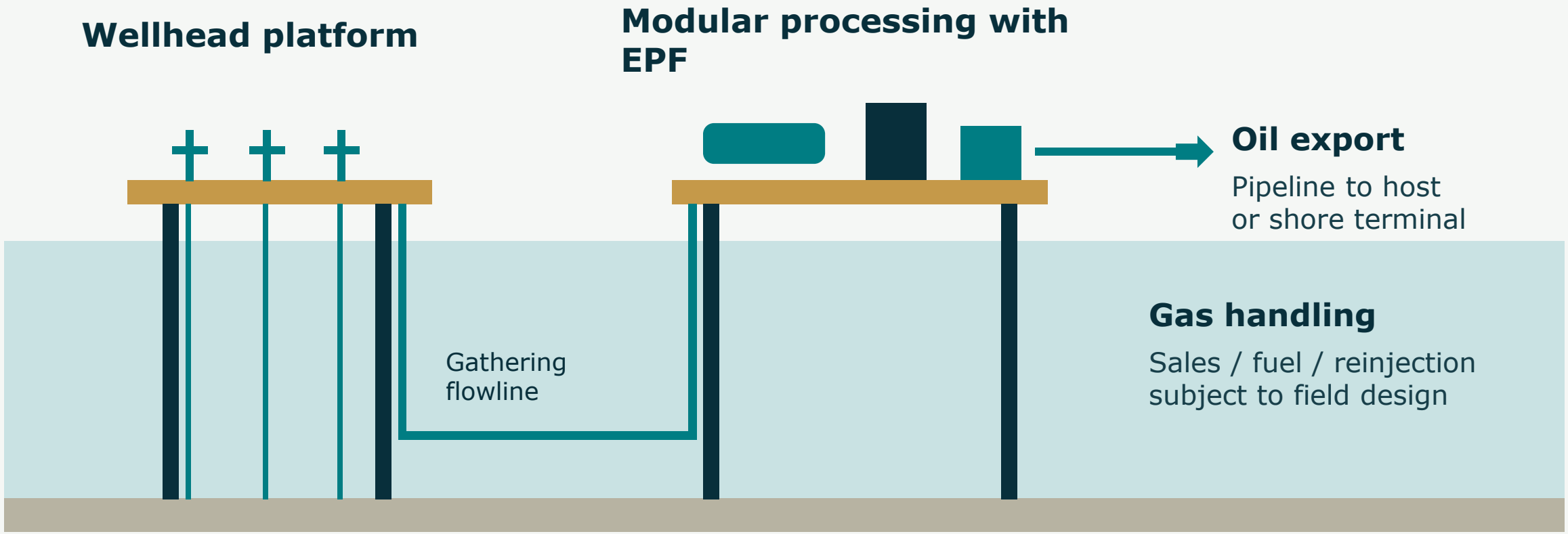
An integrated view of wells, facilities, fabrication, drilling access and the route to market.

Our delivery model

Workstream	Technical Interface	Our advisory role
Field development & FEED	Indigenous Front End Engineering Companies	Scope definition, concept comparison and design interfaces
Fabrication	Indigenous fabrication companies across SURF and topsides / EPF	Package definition, capability review and delivery planning
Drilling	Swamp and jack-ups rigs brokerage	Rig screening, availability enquiries and mobilization review

Local Content comes first

Sample shallow-water field concept



Produced water: treatment and approved disposal or reinjection

Field development and FEED

Field and well basis

Reservoir evidence, fluid properties, well status and production profiles define the development case.

Site and infrastructure basis

Bathymetry, geotechnics, metocean conditions and existing host capacity shape the facilities concept.

Concept selection

Compare tieback, fixed facilities and phased modular production against lifecycle cost and operability.

Decision-ready outputs

Design basis, scope boundaries, cost estimate basis and an integrated execution schedule.

Fabrication and early production facilities

Subsea and flowline packages

Selected spools, structures and piping packages, with specialist supply and installation interfaces defined.

Topside and EPF packages

Separation, oil treatment, metering and utilities sized to the fluid envelope and production forecast.

The EPF concept

Early processing capacity can support a phased development. Gas treatment, produced-water handling and oil evacuation remain part of the full system.

Storage and offloading are separate design choices where the selected export concept requires them.

Drilling spread selection

Selection factor	Barge drilling rig	Jack-up drilling rig
Typical setting	Sheltered inland, swamp or very shallow locations	Offshore shallow water within the selected unit’s limits
Key site checks	Channel access, draft, site preparation and exposure	Water depth, seabed capacity, leg penetration and air gap
Execution interface	Tow plan, positioning and local logistics	Rig move, positioning and platform / well compatibility

Execution and production readiness

Fabrication to site

Loadout engineering, transport barges, towage and lifting plans aligned with module weights and access.

Offshore installation

Installation vessels, survey support and diving / ROV services selected for the actual water depth and scope.

Commissioning and handover

Systems completion, integrity testing and operating procedures aligned with the well and facility start-up sequence.

Operations support

Maintenance access, spares, marine logistics and emergency response included in the development plan.

Our role: identify scope gaps, manage interfaces and support operator decisions.

Project advisory cascade



Opportunity assessment

Field data review
Constraints and data gaps



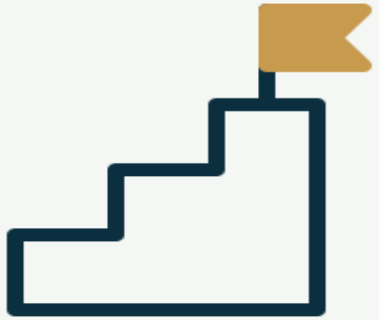
Concept and partner selection

Concept comparison
Partner qualification



Project definition

FEED interface review
Cost and schedule basis



Execution advisory

Procurement support
Progress and interface reviews

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