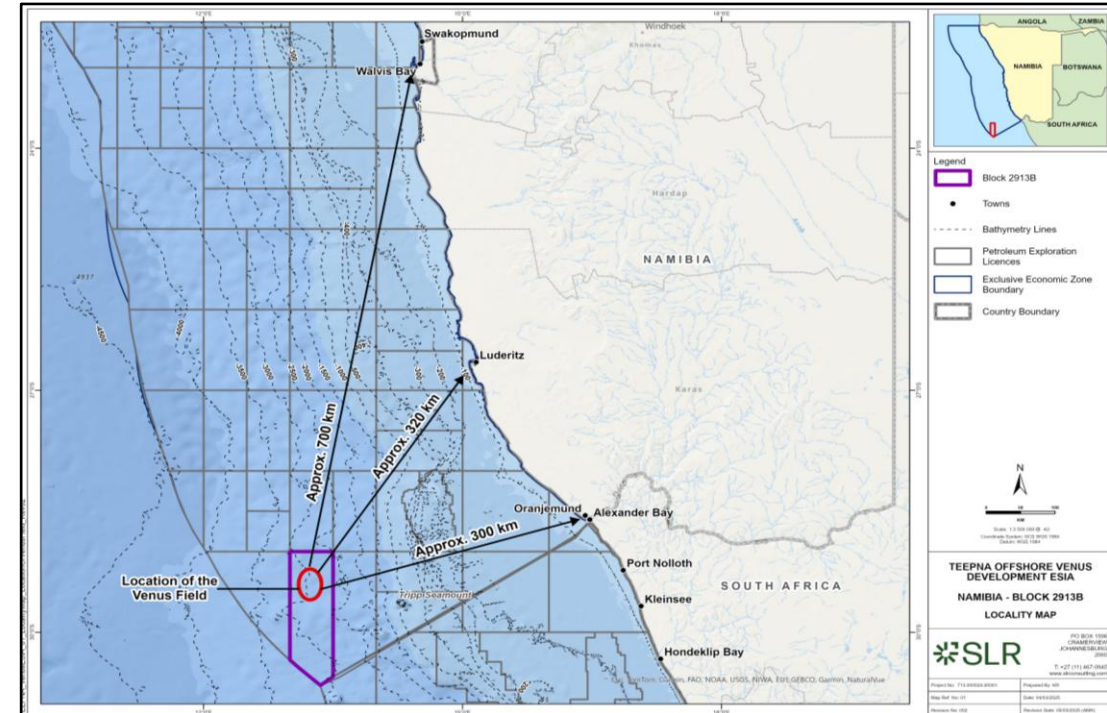


- JV partners hold Petroleum Exploration License (PEL) over Block 2913B
- Venus project area within Block 2913B is far offshore:
  - 700 km from Walvis Bay
  - 320 km from Lüderitz
  - 300 km from Oranjemund
  - 3 000 m water depth
- Activity in Venus project area to date:
  - Seismic surveys
  - 3 wells drilled (2021 – 2024): discovery of light oil
  - Geophysical and geotechnical survey
- Proposed development:
  - Produce oil from Venus field for commercialization



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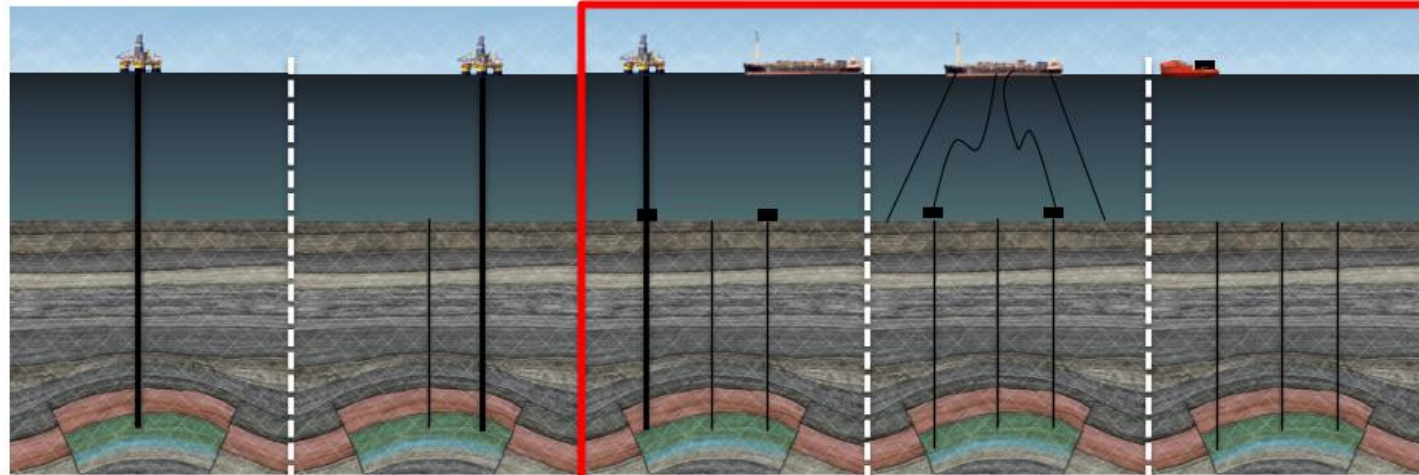


# Namibia Oil and Gas Conference

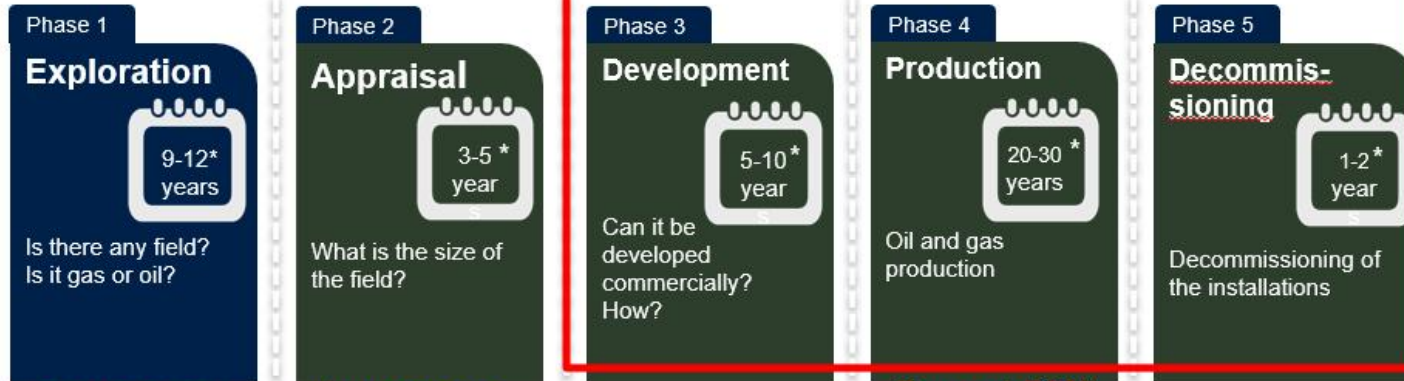
3rd  
Edition

## From exploration to action: Positioning Namibia as the next energy frontier

ENDORSED BY



## Oil & Gas Life Cycle



Completed

In progress

Current ESIA

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**Timeline Breakdown:**



**Lifecycle in Brief:**



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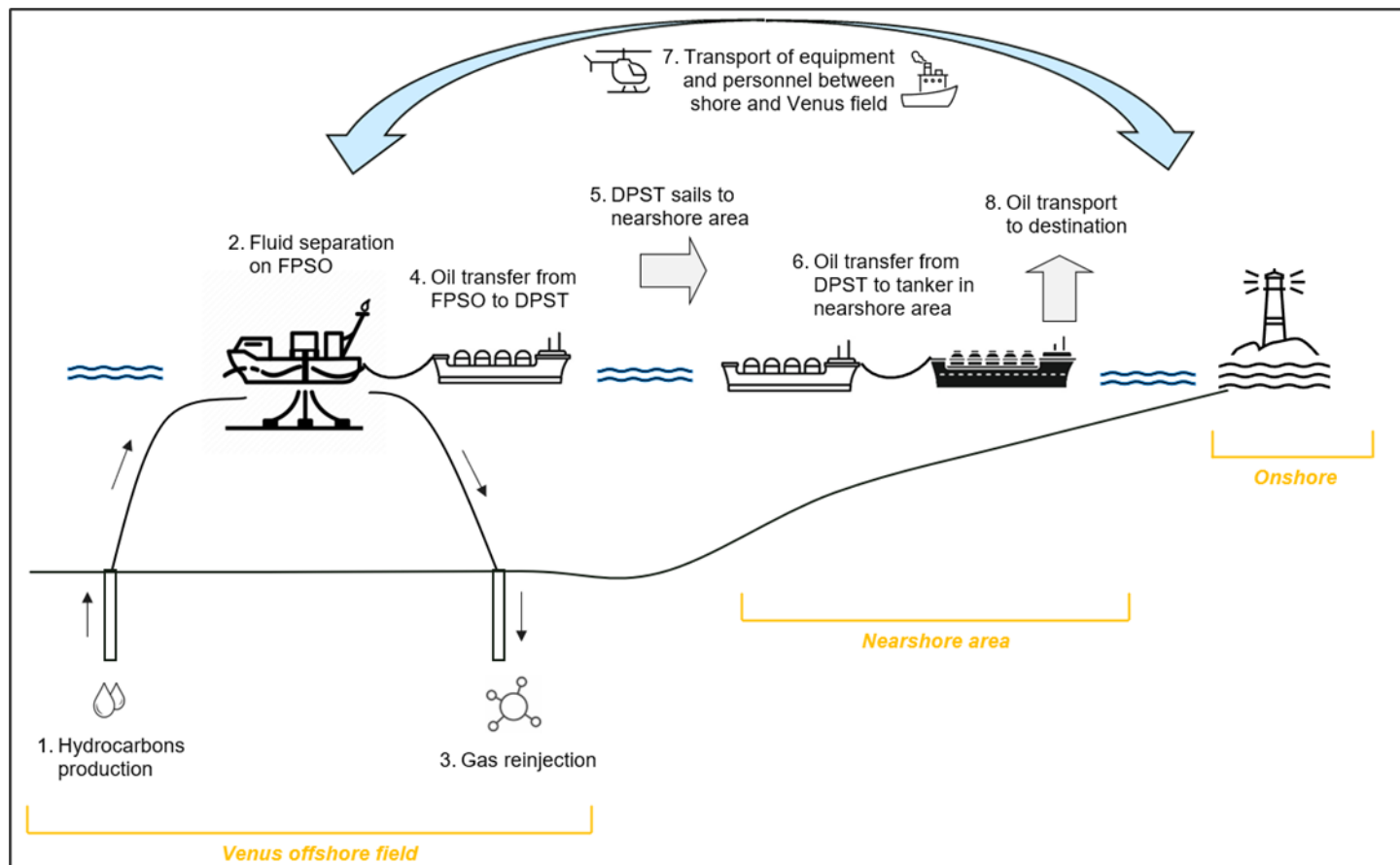
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# PROJECT TIMELINE



**Venus Offshore Development  
NAMIBIA**





- Drill up to 40 subsea wells
- Water depth: ~3 000 m
- Subsea footprint: ~20 km x 15 km
- Half producing wells
- Half gas injector wells
- Reservoir at a depth of ~3 000 m below seabed
- Logistics support (port base, support vessels, helicopters, plane)



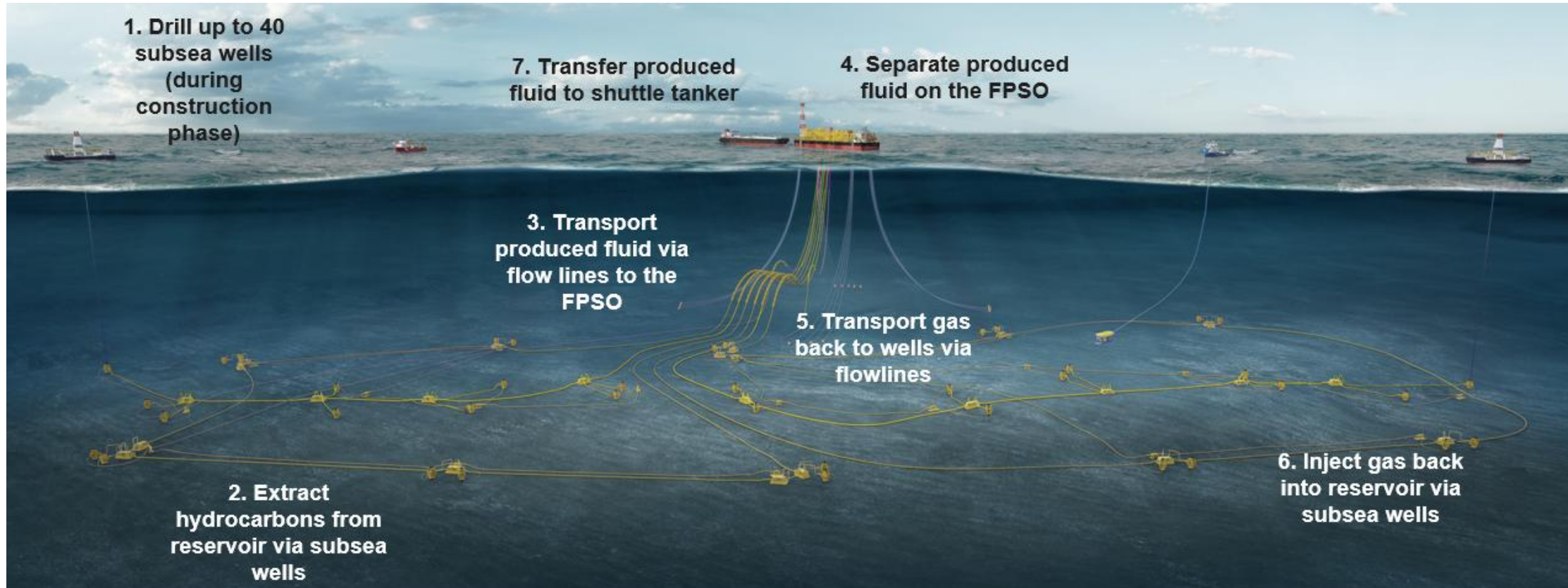
*Example of a platform support vessel*

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## Concept of Oil Production at the Venus Project Area



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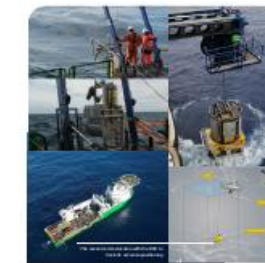
## Pre-Project Studies: Environmental Baseline Survey (EBS)

- Environmental Baseline Survey (EBS) performed in 2022 to describe physio-chemical and biological characteristics, identify all habitats & highlight sensitive areas
- Metocean survey to estimate the marine environmental conditions of direct influence, incl. depths, waves, currents, tides, temperature, wind

### KNOWING THE ENVIRONMENT

## Environmental Baseline Survey

NAMIBIA BLOCK 2913B



### Why?

- To know and better understand the environment in which we plan to operate is key for TotalEnergies as part of our commitment to be a responsible energy company.
- As such, setting an Environmental Baseline Survey (EBS) is the first step of the commitment.
- The presence of the Benguela Current makes the Namibia offshore water quite specific, and the baseline survey aimed to get a clear understanding about biodiversity on Block 2913B.

When? Sep-Oct 2022



Protecting  
Biodiversity  
Commitments  
and Actions



We commit to sharing biodiversity data, collected as part of our environmental studies, with the scientific community and the general public.

### What?

- Acquire baseline data of **sediment and water column** physico-chemical characteristics
- Identify and assess any **existing pollutants** within the sediment and the water column
- Identify **sensitive habitats or species** susceptible to disturbance from drilling-related activities
- Contribute to regional ocean knowledge
- Provide specific field data
- Share environmental data
- Comply with Company rules
- Contribute to the TotalEnergies Biodiversity ambition and commitments

### Where?

Block 2913B  
Area of interest (km²) around 8,200  
Water depth (m) 2,500-3,300



SCAN ME

Cost: Approximately N\$ 95 million



### How?

- 24/7 vessel operation
- A team of scientists from Benthic Solutions Limited with support from Cerocean, Anchor, and Cap Marine.
- Underwater video acquisition
- Seawater sampling and sediment
- Megafauna observation (marine mammals)
- Sampling effort

COMPONENT	ENVIRONMENTAL SCOPE	STATUS
Water Column	Physico-chemical parameters (temperature, salinity, etc.)	✓
	Microplastics	✓
	Macroplastics	✓
	Plankton	✓
Sediment	Physico-chemical parameters (temperature, salinity, etc.)	✓
	Microplastics	✓
	Macroplastics	✓
	Plankton	✓
Accuracy	Comprehensive and reliable	✓
Regulation	Compliance with local and international regulations	✓



### RESULTS

- Undisturbed deep-sea seabed dominated soft muds
- Generally low sensitivity
- Wide spread habitat 'Seapen and burrowing megafauna communities'

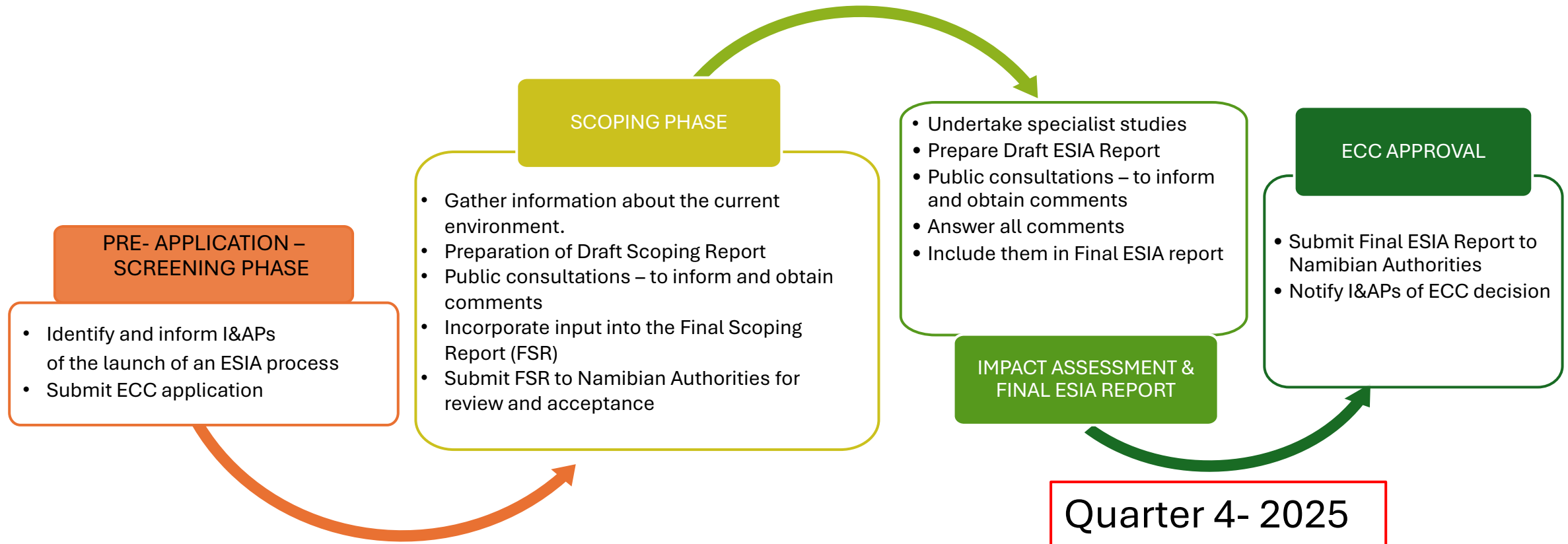
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## Environmental & Social Impact Assessment (ESIA) – Offshore Venus Field Development



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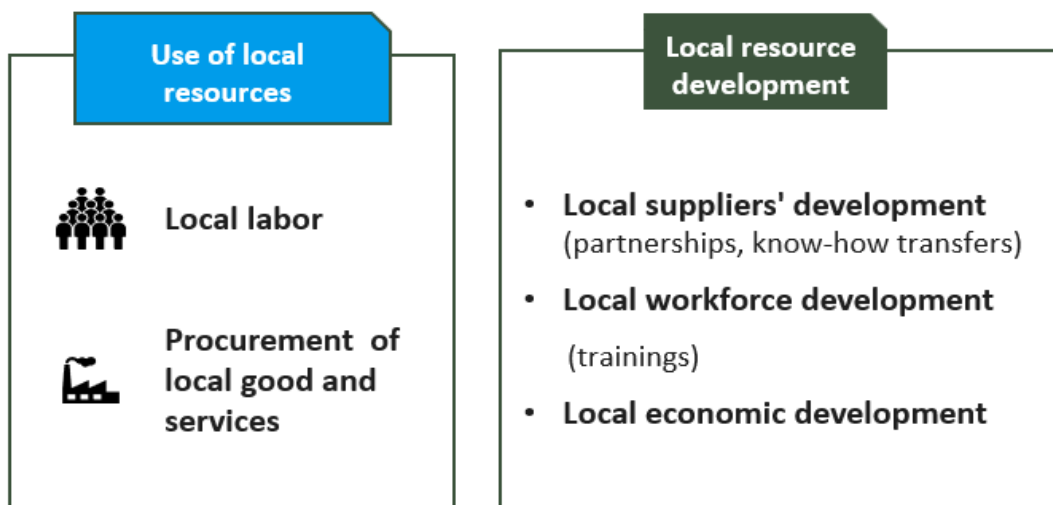
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## Build a Local Content strategy that creates sustainable local value in the country where we operate

### How we define Local Content

*Local resources used and developed in our projects and operations along our value chain*



Industrial Baseline Survey estimation during production phase:  
600 direct jobs, 600 indirect jobs, 5 800 induced jobs  
GDP Growth: +5.8 %

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# Questions & Comments

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# Thank You

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