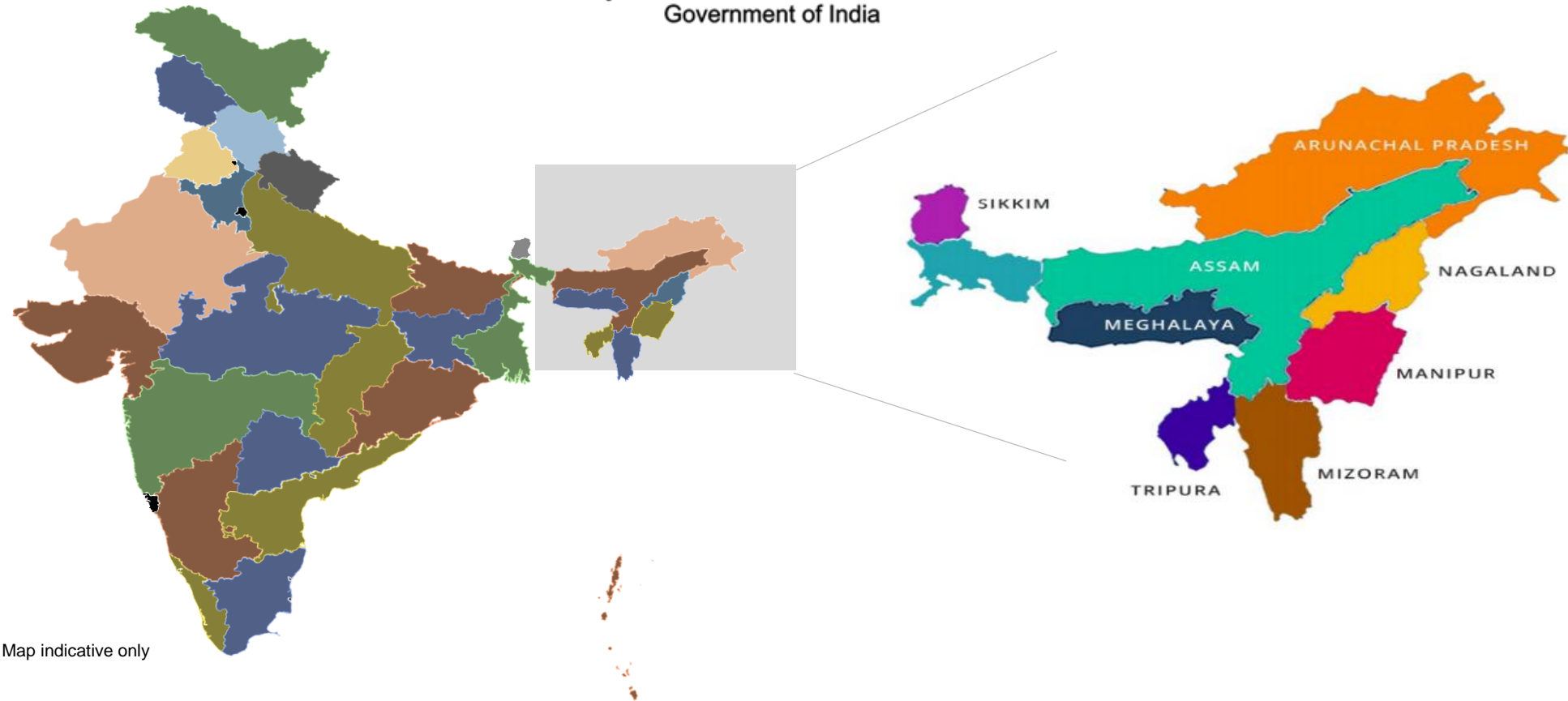




सत्यमेव जयते

Ministry of Petroleum & Natural Gas  
Government of India



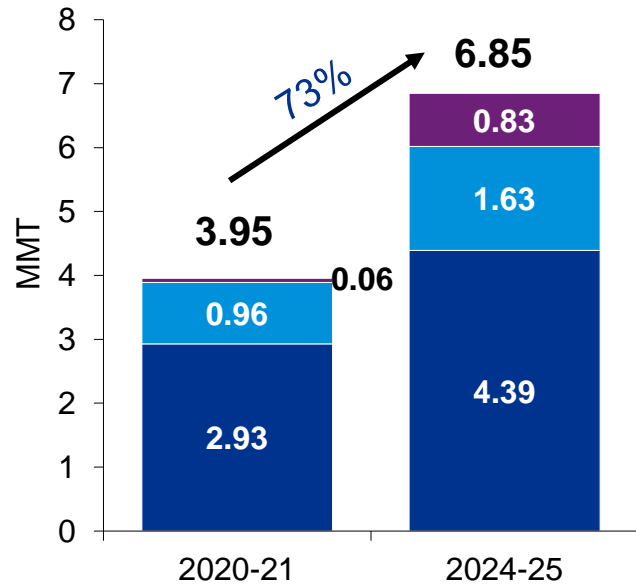
Map indicative only

# Service Sector Hub for North-East Region

24<sup>th</sup> September 2021

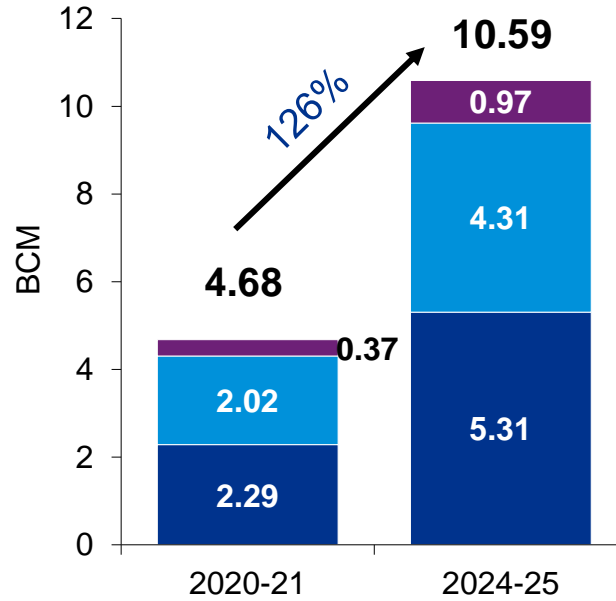
# E&P Industry in NER (2024-25)

### Oil Production (MMT)



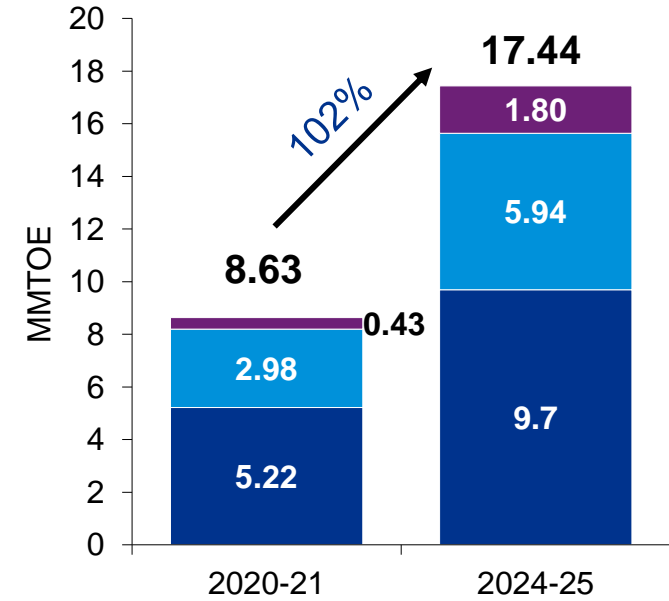
- OIL Nomination
- ONGC Nomination
- PSC+RSC Regime

### Gas Production (BCM)



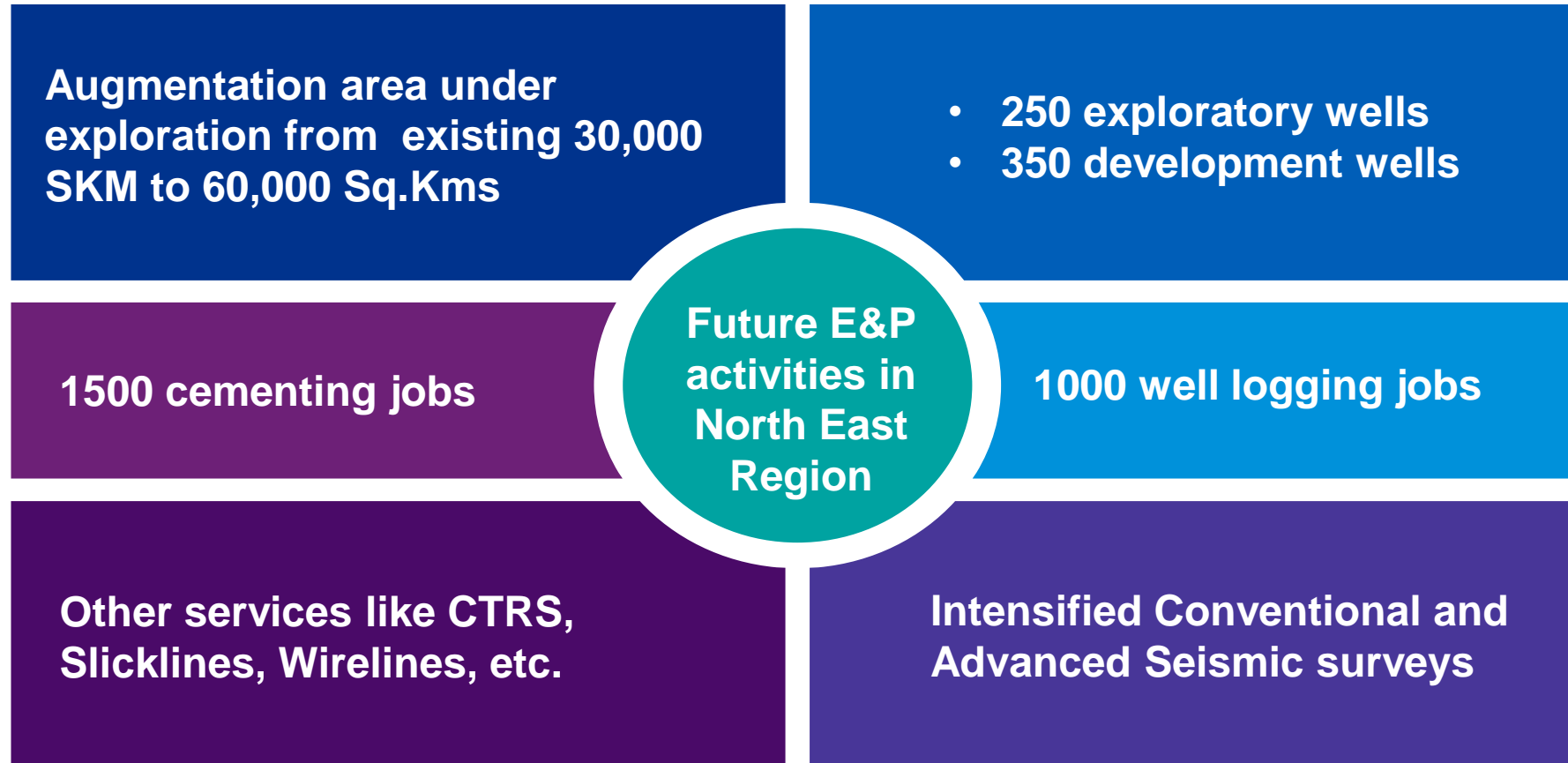
- OIL Nomination
- ONGC Nomination
- PSC+RSC Regime

### Oil + Gas Production (MMTOE)



- OIL Nomination
- ONGC Nomination
- PSC+RSC Regime

# Service Contractor related activities in NER (2024-25)



**Total E&P investment of ~\$ 4 Billion in next 4-5 years**

# Snapshot of E&P Companies in NER



## Oil and Natural Gas Corporation

- PEL – 6,539.4 sq.km
- PML – 6,009.1 sq.km
- Oil Production – 0.96 MMT
- Gas Production – 2.02 BCM
- No. of Blocks and Fields- 43



## Oil India Limited

- PEL – 3,617.1 sq. km
- PML – 4,340.2 sq.km
- Oil Production – 2.93. MMT
- Gas Production – 2.29 BCM
- No. of Blocks and Fields- 39



## GeoEnpro Petroleum Limited

- PEL – 0
- PML – 10.0 sq.km
- Oil Production – 0.03 MMT
- Gas Production – 0.005 BCM
- No. of Blocks and Fields- 01



## Hindustan Oil Exploration Company

- PEL – 79.2 sq.km
- PML – 75.9 sq.km
- Oil Production – 0.03 MMT
- Gas Production – 0.36 BCM
- No. of Blocks and Fields- 02



## Vedanta Limited

- PEL – 7,277.8 sq. km
- PML – 30.7 sq.km
- No. of Blocks and Fields- 13



## Invenire Energy Private Limited

- PEL – 0
- PML – 21.3 sq. km
- No. of Blocks and Fields- 01



## Megha Engineering and Infrastructure Ltd

- PEL – 0
- PML – 8.9 sq. km
- No. of Blocks and Fields- 01



## Indian Oil Corp Ltd

- PEL – 0
- PML – 52.0 sq. km
- No. of Blocks and Fields- 02



## Oilmax Energy Pvt Ltd

- PEL – 0
- PML – 20.4 sq. km
- No. of Blocks and Fields- 02

## Ramyana Ispat + BDN Enterprises + Duggar Fibre + Mahindra Infratech

- PEL – 0
- PML – 34.4 sq. km
- No. of Blocks and Fields- 02

## Jubliant Oil and Gas Pvt Ltd

- PEL – 1260.0
- PML – 0.0
- No. of Blocks and Fields- 01

# Snapshot of Service Sector Companies in NER

**Schlumberger**

**Schlumberger**

- Integrated Well Construction
- Integrated Well abandonment
- Production Management
- Enhanced Oil Recovery

**Baker Hughes**

**Baker Hughes**

- Drilling
- Completion
- Production
- Pipeline Inspection
- Well intervention
- Decommissioning

**Weatherford**

**Weatherford**

- Drilling
- Completion
- Production
- Intervention and abandonment
- Tubular running services
- Rigs
- Rig Equipment sales

**EXPRO**

**Expro**

- Reservoir Management
- Well testing
- Well intervention
- Metering
- Production Solutions
- Wireless well solutions
- Power Chokes

**HALLIBURTON**

**Halliburton**

- Software
- Bits
- Directional Drilling
- Managed Pressure Drilling
- Cementing
- Chemical etc.

**UNITED DRILLING TOOLS LTD**

**United Drilling**

- Manufacturer of the following equipment-
- Large OD high performance connectors and casing pipes
  - Wireline winches
  - Gas lift Equipments
  - Downhole tools

**Quippo**

**Quippo**

- Drilling and well services
- Seismic Data Acquisition
- Mud Engineering Services
- Fracturing
- Oil field construction

**Parveen Industries Pvt. Ltd.**

**Parveen Industries**

- Manufacturer of the following equipment-
- Valves
  - Drilling and workover tools
  - Surface pressure control equipment
  - Wireline tools
  - Completion equipment

**JOHN Energy Ltd.**

**John Energy Limited.**

- Integrated Drilling Services
- Workover
- Completion
- Oil field equipment & tool rental

**meil**

**Megha Engineering**

- Gas compressor plants
- Group Gathering Stations
- Construction of API storage tanks
- Cross country pipelines network
- Flare Systems
- API Process Piping
- Water injection plants

# Proposed Idea- Establishment of Service Sector Hub(s) in NER

## OFES – challenges faced



- **Logistic challenges** in delivering the services
- Different **service providers** staggered at different locations with no established infrastructure
- **Increased cost** of services to E&P companies
- New **technology induction** difficult/unviable

## Service Hub concept



- **Objective:** To streamline services, making them cost efficient and accessible
- **Concept:** OFES providers & equipment manufacturers can set up their base at a **single location with land and basic facilities** provided by **State Government** or its designated agencies
- **Operating model:** Long Term land lease at pre-defined rates. Utilities to be charged at pre-defined rates.

## Benefits



- **Additional revenue stream** for Govt from rentals, taxes & statutory levies. Enhanced royalty income with increased production
- Growth of **MSME industries**
- Economic and **infrastructure development**
- **Skill Development** & employment generation
- Improvement in **EoDB rankings**
- Induction of **latest technologies**
- **Reduction in operating cost** of the fields in NER and improving viability.

# Requirement for Establishing Service Hub



# Way Forward

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- Follow-up discussion with Govt. of Assam and Constitution of Working group with members from Government of Assam, MoPNG, Directorate General of Hydrocarbons (DGH), representatives from National Oil Companies, Private E&P players, Service Contractors
- A suitable consultant can be engaged to assess the feasibility and submit its assessment along with roadmap to the constituted Working Group. Study to cover broadly:

**01** Market size assessment

**02** Site assessment

**03** Operating model for various facilities

**04** Financial assessment and benefits computation

**05** Framework for tariffs and charges determination for land and basic services

**06** Roadmap for establishing the service sector hub



Thank you



# Availability of Land in Assam

Sl. No.	Name	District	Total allocable Area in Sq. Mt	Available land in Sq. mt	If current availability is lower, room for expansion	Type of land	Suitability of site for heavy machinery movement	Common facilities available for use by the oilfield services industry if any such as good roads, water, effluent treatment facilities etc.
1	IIDC Demow	Sivsagar	84,000	51,375	No scope for expansion (However, based on one-to-one discussion the department will check if something can be worked out)	Developed	The approach road is about 960 mtr land from NH-37, with 7 mtrs single lane	Internal Roads and Drainage, 33 KV dedicated power line with 2.5 KVA unmanned sub-station, Administrative Building, Security Barrack, Street Light, Water Supply network with overhead tank
2	Plastic Park	Tinsukia	4.55,175	4,55,175	Land parcel of 665 bigha i.e. 220 acres can be allocated	Developed	The approach road is 7.5 mtr each lane, i.e 14 mtrs	The park is situated approx 50 km away from Bramhmaputra Crackers and Polymers Ltd. (BCPL), the source of Raw Material (HDPE/LLDPE-220000 MT and Polypropylene-60000 MT), 2 km from NH-37, 20 MVA power sub-station, water supply network, Hi-standard drainage road and drainage facilities, service apartments, truck parking yard, , Street Lighting facilities & Internal distribution network, Proposed Common Facility Centre- (Office, Tool room, Quality Control Lab, Training Hall, Business Centre, Conference Hall), Proposed Service Apartment and Solid Waste Management.