



Highlights of Pain Points issues of ONGC in undertaking O&G, E&P Activities in NER

Regional Workshop on Recent Advances in Environment & Forest Laws

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Shillong, Meghalaya



Indian saga of oil exploration began in the dense jungles, swamps and river-valleys of Assam in the late 19th century.

Elephant hauling logs from the forest with oil on its feet and trail



BEFORE 

1889

- Well Digboi #1 was successfully drilled

1914

- Oil well Badarpur #1 (Cachar, S. Assam)



1955 –
'Inception of ONGC

1958 –
First Oil in Cambay

1960 –
Oil gas in Gujarat

1960 –
Oil in Assam

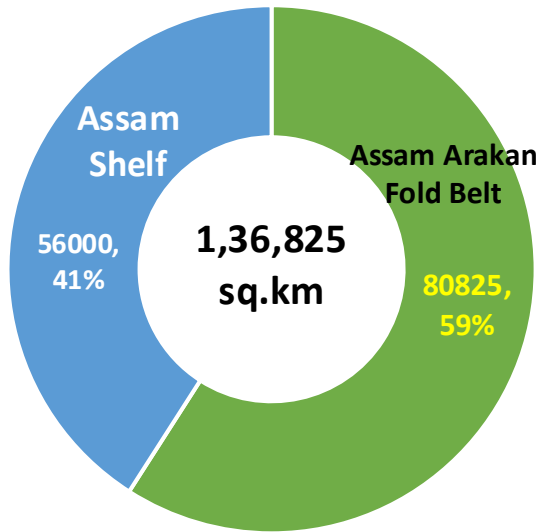
Lakwa (64)|
Geleki (68)
| Many More

DISCOVERY WELL :
RUDRASAGAR #1

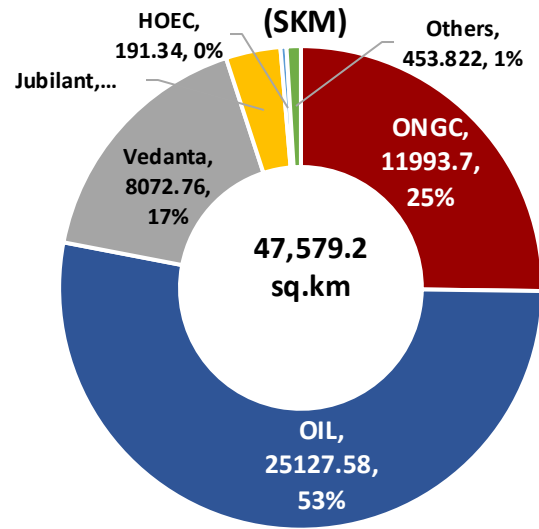


Hydrocarbon potential of North East India

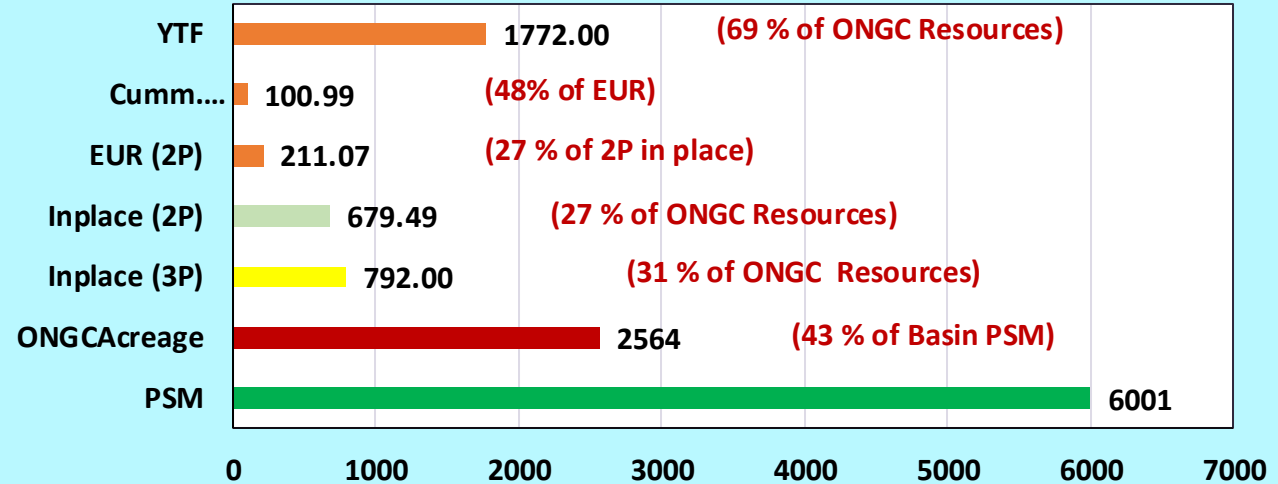
A&AA Basinal Area (SKM)



Acreage Holdings: Major Operators (SKM)

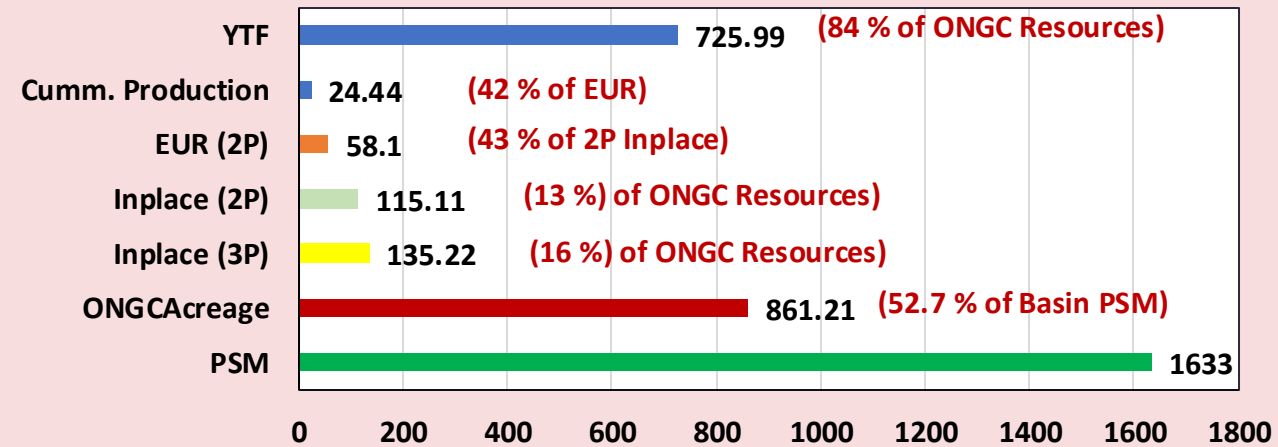


Assam Shelf – Sibsagar-Jorhat (Assam) (Figures in MMtOE)

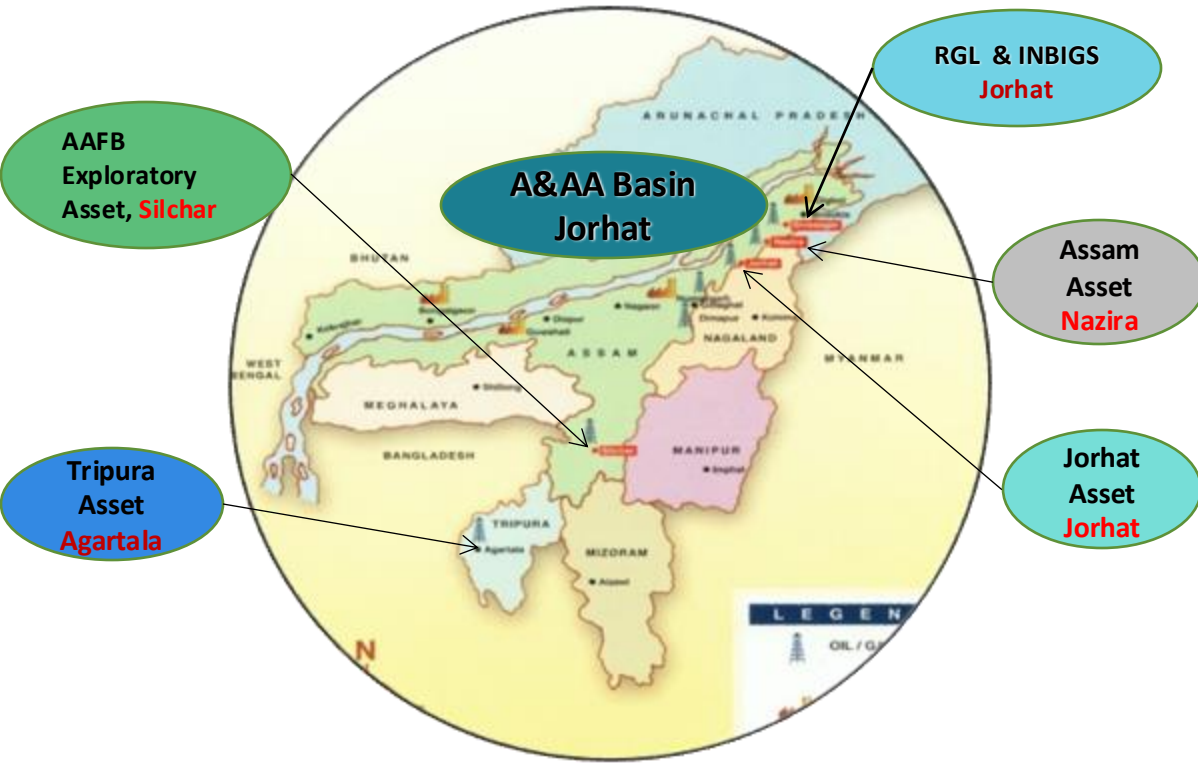


ONGC Operated	MMtOE	A&AA Basin	ONGC Acreage
Assam Shelf (3,092.97 Sq.km)	Resource	6,001	2,564
	In place	1,868	792.00
	YTF	4,133	1,772.00
Assam-Arakan Fold Belt (8,900.73 Sq.Km)	Resource	1,633	861.21
	In place	178	135.22
	YTF	1,455	725.99
Total (11,993.32 Sq.Km)	Resource	7,633	3,425.21
	In place	2,046	927.22
	YTF	5,588	2,497.99

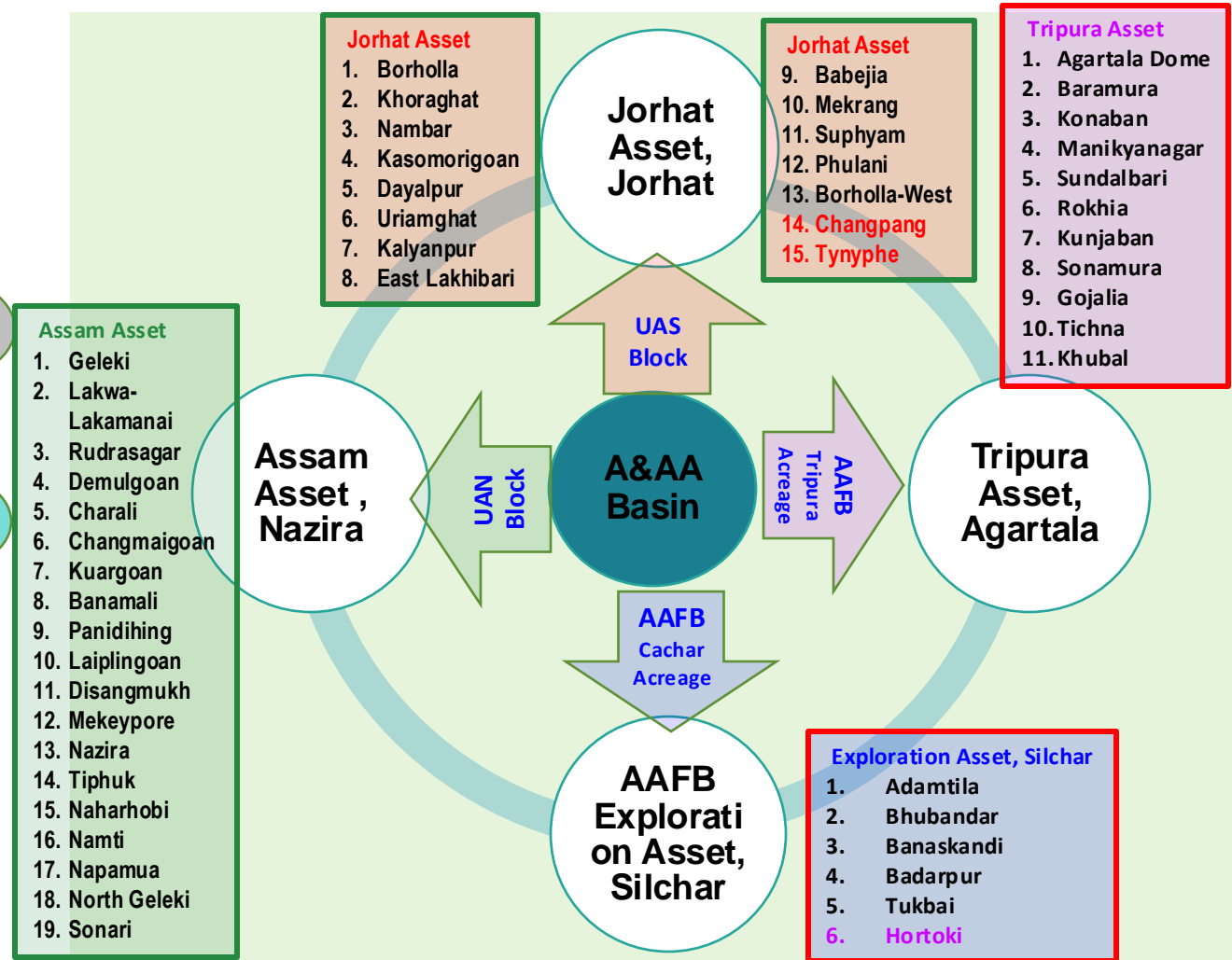
AAFB– Tripura- Cachar (Assam)- Mizoram (Figures in MMtOE)



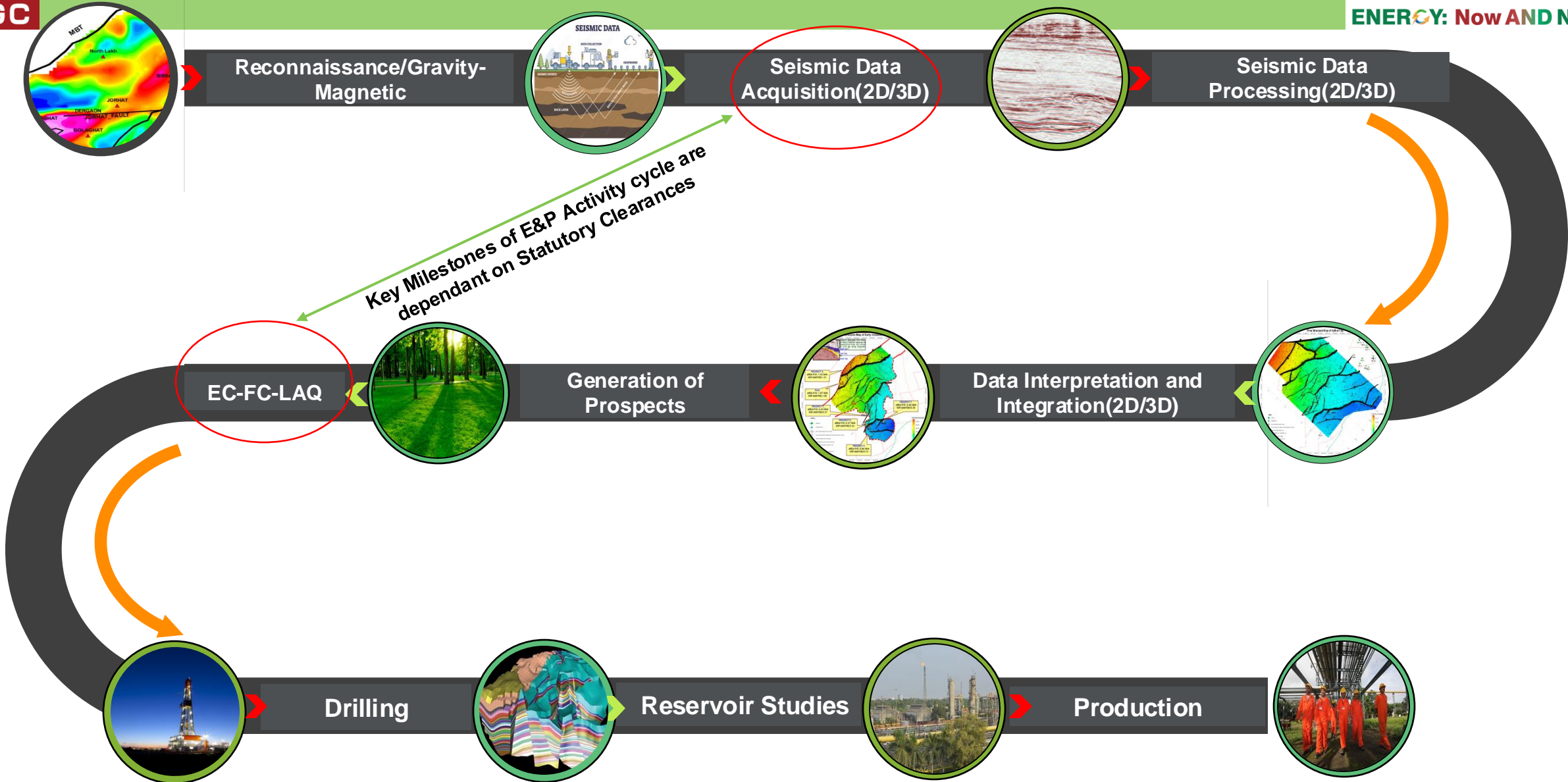
ONGC Work Centres : Assam & Assam Arakan Basin



ONGC: Basin & Asset Interface in North East



Exploration Activity Cycle



1. Grant of EC & FC for drilling
2. Grant of Forest Clearance & Wild-Life Clearances for Seismic Acquisition
3. DAB Related Issue : Assam Shelf/ Nagaland

Forest Clearance for drilling (Average processing time ~2 years)

- **Identification & Allotment of Land for Compensatory Afforestation**
- **Wildlife Mitigation & Conservation Plan (Wild life disaster mitigation plan for the projects near protected areas to be prepared with assistance of WII)**

Number of locations currently constrained for Forest Clearance

- AAFB Tripura (06 Constrained Locations)
- AAFB Cachar (10 Constrained locations)
- Assam Shelf 32 Constrained locations)

- **Wild-life Clearance for Seismic Acquisition**
 - **Non access to the area proximal to Wildlife Reserves**
 - Non grant of Wild Life Clearance in OALP-VI block (AA-ONHP-2020/2) : Area falling in Bhairabnagar Conservation Reserve (Notified post award of block) : Rajnagar area
- **DAB related issues.**
 - Regions remaining un-explored owing to DAB issues.
 - 8 Constrained Locations due to DAB

Issues Related to Statutory Clearance :

1. Streamlining Approvals : Feasibility of having a single-window clearance systems for approvals pertaining to E&P activities.
2. Flexibility in Norms : To consider aligning EC validity with PML timelines to ensure consistency and avoid mid-project uncertainties. Also consider modification of mandatory 33% of green belt requirement for Exploratory locations.
3. Region-Specific Solutions : Consider developing a tailored regulatory frameworks for the North East, considering its unique geographical and ecological characteristics.
4. Enhanced Community Engagement: Conduct awareness campaigns to highlight the socio-economic benefits of hydrocarbon exploration and production.

DAB related Issues :

1. Amicable resolution of outstanding boundary resolution : A significant part of area having high Hydrocarbon potential is un-explored owing to DAB issues.



Thank You