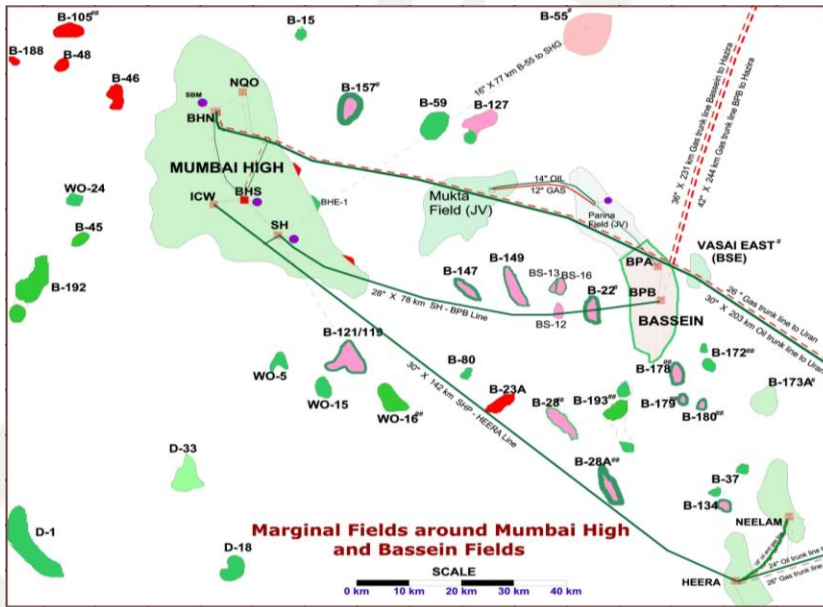


Accelerate 300-400 mmtoe of (re)-developments



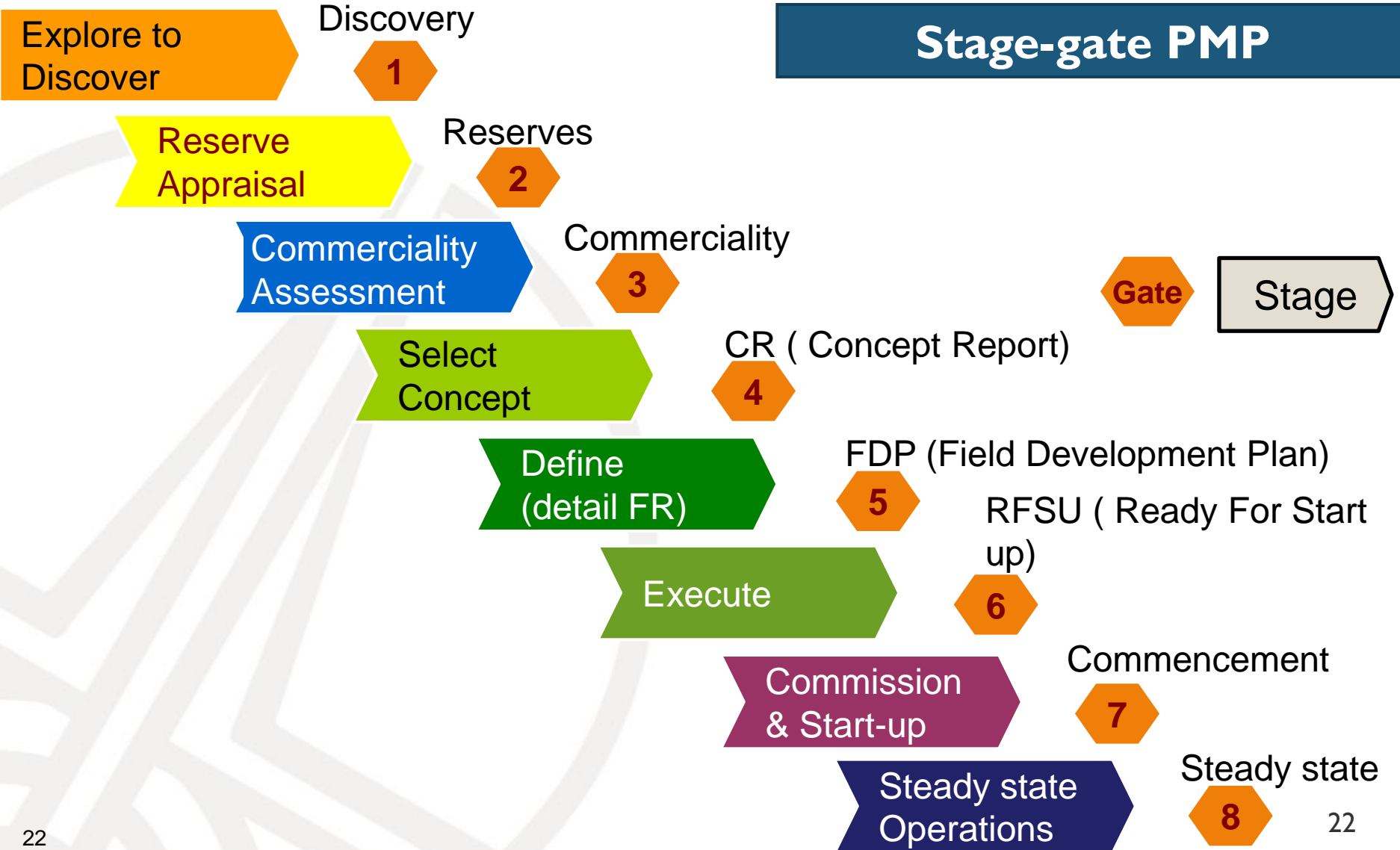
- Identified (re)developments that contribute significant production and involve major CAPEX spend.
- 10 fields identified for priority accelerated development.
- Rigorous Stage Gate Project Management Process implemented for project evaluation and monitoring.

Accelerate 300-400 mmtoe of (re)-developments

The 10 major projects identified for (re)development

1. Mumbai High (North & South) Redevelopment Phase-III
2. Neelam-Heera redevelopment
3. South Bassein – Additional Development
4. Daman-C Series
5. GK-28/42
6. Manik
7. KG-98/2
8. KG-98/2-UD
9. Assam
10. Ahmedabad

Stage-gate PMP



Implementation of Stage-gate PMP in ONGC

- ▶ All future and current development projects proposed to be executed with Stage-gate PMP.
- ▶ To develop **comprehensive Stage-gate** PMP, Project Management Office (PMO) is being set up at corporate level (at Delhi) & regional level (at Mumbai).
- ▶ A reputed consultant being hired for setting up PMOs. 200 people to be trained for project management.



Shaping move-4

Secure alliance for the new
resource types

Secure alliance for new resource types

Alliances



MOU with CNPC on 18th June'12

Alliance with ConocoPhillip in Mar'12
for Deepwater & Shale gas

MOU with CNPC for cooperation in
hydrocarbon sector in June'12

MOU with Ecopetrol for jointly studying
the fan-belt traps of Cachar Region in
India & for cooperation in developing
EOR/IOR technologies

MOU with Mitsui for LNG
Alliance with Blade energy for HP/HT
Alliance with UNSW for Basement play



Shaping move-5

Build non-E&P business to 30% of group revenue

Build non-E&P business to 30% of group revenue

ONGC to selectively invest in the non-E&P sector, leveraging integration benefits from its existing portfolio and its balance sheet for competitive advantage.

Investments will include:

- Further expansion in petrochemicals at MRPL
- LNG re-gasification,
- Commercialization of stranded gas
- Capacity in alternative energy – Solar, wind, Nuclear, etc.

Build non-E&P business to 30% of group revenue

Ongoing Projects

MRPL Refinery Expansion
to 15 MMTPA

Capex:
` 12,000 Crore

Scheduled completion
2013

OPaL – Olefinic Petchem
at Dahej

Capex:
` 21,396 Crore

Scheduled completion
2014

OMPL – Aromatic
Petchem at Mangalore

Capex:
` 6,000 Crore

Scheduled completion
2013

Build non-E&P business to 30% of group Revenue

Planned Refinery Projects

1

- MRPL Refinery Expansion to 18 & 21 MMTPA

2

- Green Field Refinery Barmer
 - ONGC equity stake in project under discussion after HPCL's MOU with GoR

3

- M&A – Cuddalore Refinery (12 mmtpa)
 - Considering strategic stake
 - Considering availability of land bank, logistic advantage.
 - Technical due diligence is in progress

Build non-E&P business to 30% of group Revenue

Planned Petrochemical Projects

- ▶ 120 KTPA LAB plant, integrating Kerosene from refinery & Benzene from Petrochemical Complex OMPL (approx USD 404 million) under consideration
- ▶ OMPL to tie-up long-term sale of Paraxylene and Benzene with off-takers interested in setting up PTA & Phenol plants with option of OMPL's equity participation.
- ▶ ONGC along with its partner GAIL is examining viability of implementing a 100 KTPA PBR project by utilizing Butadiene, available from OPaL, as feedstock
- ▶ Ethylene Cracker' and Pet-coke gasification project at MRPL

Gas/ LNG Planned

- ▶ R-LNG Terminal at Mangalore along with Mitsui & BPCL (5.0 mmtpa)
- ▶ Pursuing sourcing LNG from Mozambique leveraging MOU with Mitsui & BPCL
- ▶ CGD – MOU with BPCL to target organic growth
- ▶ Pursuing M&A opportunity for 65% BG's stake in GGCL in consortium with BPCL and GSPC
- ▶ Pursuing Greenfield / Brownfield opportunities for participation in LNG value chain project in several countries like; Mozambique, Russia, Canada, USA, Papua New Guinea etc.

Power including Renewable/ Alternate

- ▶ Monetization of idle gas asset at Tripura – OTPC (726.6 MW)
- ▶ Pursuing opportunity to acquire 49% equity in GSPC Pipavav Power (GPPC) (702MW gas based)
- ▶ Discussion with Nuclear Power Corporation (NPCIL) to set up 6 units of 1,740 MW each at Jaitapur
- ▶ In addition to 51 MW in Gujarat, another 103 MW wind farm in Rajasthan awarded in Jan'13 to be commissioned in March'14
- ▶ JV being planned for developing & exploiting offshore wind project

Power – Renewable/ Alternate

- ▶ Solar Power Plants :Target 1.5 GW once grid parity is achieved
- ▶ Investment opportunity in revolutionary ultra thin crystalline silicon Solar PV technology being pursued.
- ▶ Develop pilot canal top 5 MW Solar PV project above IG canal in Rajasthan
- ▶ Discussion with various players in wind, solar & 'Run of river' hydro projects. Targeting stake in renewable energy company

Fertilizer

- ▶ Setting up 1.3 mmtpa fertilizer plant at Tripura with an investment of Rs. 5,000 Crore to monetize discovered gas.



ONGC signed a MoU with M/s Chambal Fertilizers & Chemicals Ltd. (CFCL) and Government of Tripura on 9th April 2013 for setting up the plant.

Natural gas (2.4 mmscmd) to be supplied from Khubal field in AA-ONN-2001/I block where substantial gas reserves have been established.

Opportunities in Marketing

- ▶ The existing approval for Retail outlets – ONGC (1100) & MRPL (500) – planned to be leveraged for marketing MRPL products

Other ventures

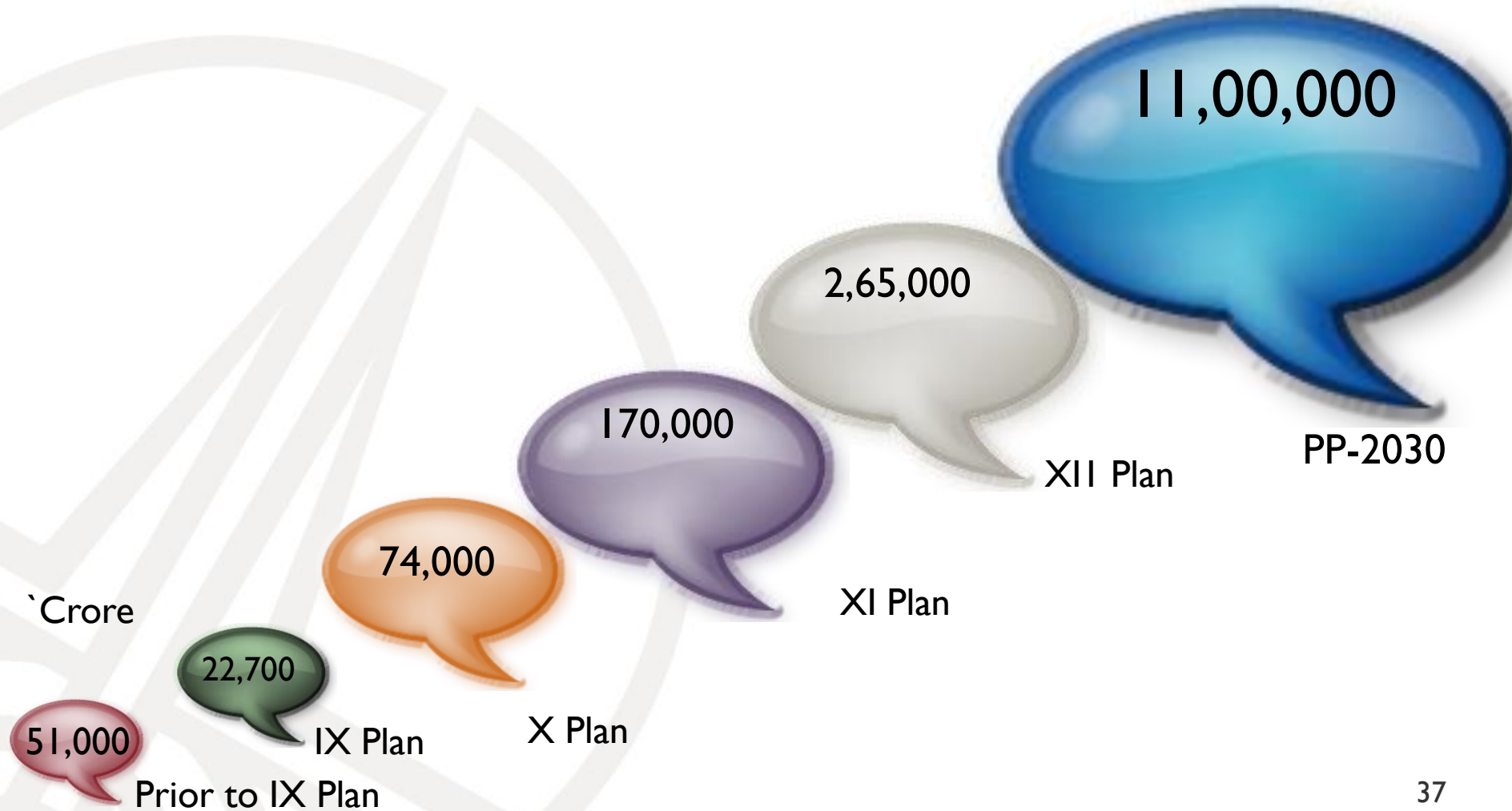
Energy Efficient Lighting

- 19% of domestic power consumption is towards lighting loads
- Opportunity for setting up LED chip manufacturing facility being pursued (49%). Due diligence ,valuation completed & investment terms finalized



1. Strengthen OVL processes & technical systems
2. Continued regulatory engagement on prices & policy
3. Strengthen staffing & capabilities in focus areas
4. Improve services delivery under new operating model
5. Align R&D with 2030 technology priorities

Investment > Rs. 11,00,000 Crore during 2013-2030





Thank you