## MONGOLIA



UNDER-EXPLORED, HIGHLY PROSPECTIVE, LOW COST ONSHORE OIL



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#### **HIGHLIGHTS**



# High Impact Low Cost





AIM listed, Mongolia focused Petro Matad

About to embark upon a high impact 3-6 well drilling campaign with transformational potential

Portfolio of drilling targets ranging from groundbreaking frontier exploration and basin opener wells to prospects with high chance of success adjacent to production

Large acreage position with numerous undrilled basins in one of the last remaining large onshore oil frontiers

Attracted BG group as farminee in 2014. Following Shell take-over they pulled out driven by strategic divestment focus

Abundant surface and subsurface evidence that all the necessary ingredients for substantial oil generation and accumulation are present

Adjacent to geologically analogous prolific oil producing basins in China Targets defined with regional and global analogues to giant discoveries

Low Cost Drilling. Well costs between \$2MM and \$7MM Excellent fiscal terms and highly supportive government focused on energy independence

### **PETRO MATAD**



#### **Board of Directors**



•Chair-person: Enkhmaa Davaanyam
20 years of energy, mining and infrastructure project management, CEO of Petrovis Group



•CEO: Mike Buck
38 years of upstream E&P experience. Proven track record of exploration success in S. America, N. Africa and Asia directly involved in the discovery of more than 1 billion barrels of recoverable reserves



CFO: John Henriksen40 years in upstream E&P and 5 years in Mongolia



Non-Executive Director: Dr. Oyungerel Janchiv
 35 years of downstream experience in Mongolia, founder and Chair-person of Petrovis Group

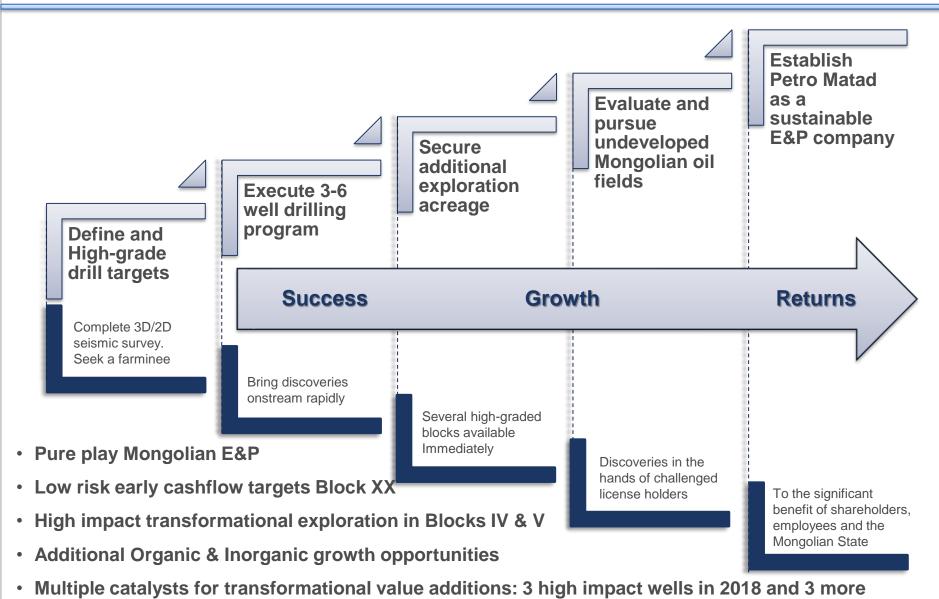


Non-Executive Technical Director: Tim Bushell
 35 years of international E&P experience including 10 years as CEO of Falklands Oil and Gas Ltd

#### **STRATEGY**

in 2019 (dependent upon funding)





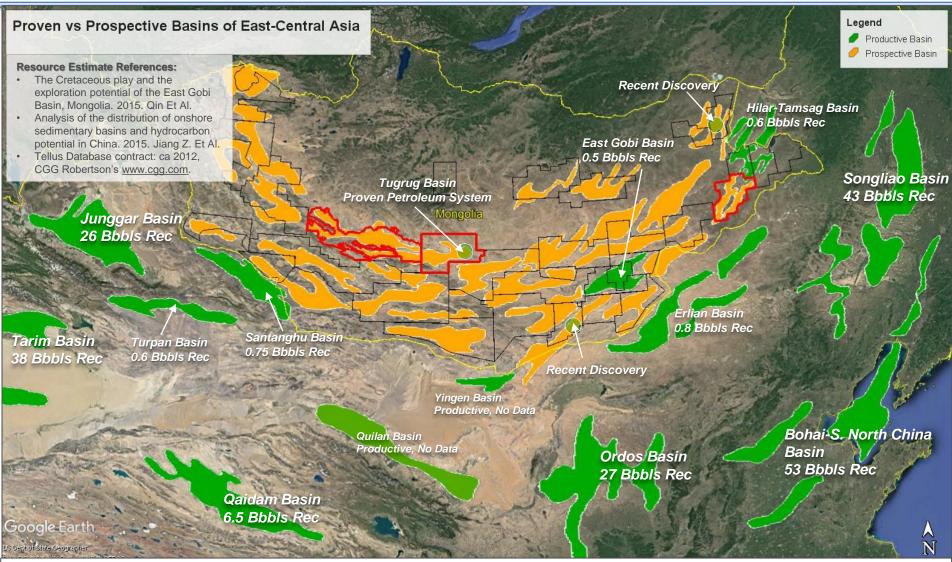
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## **TECHNICAL DETAILS**



### **CHINA: THE PROVEN & PROLIFIC ANALOG**

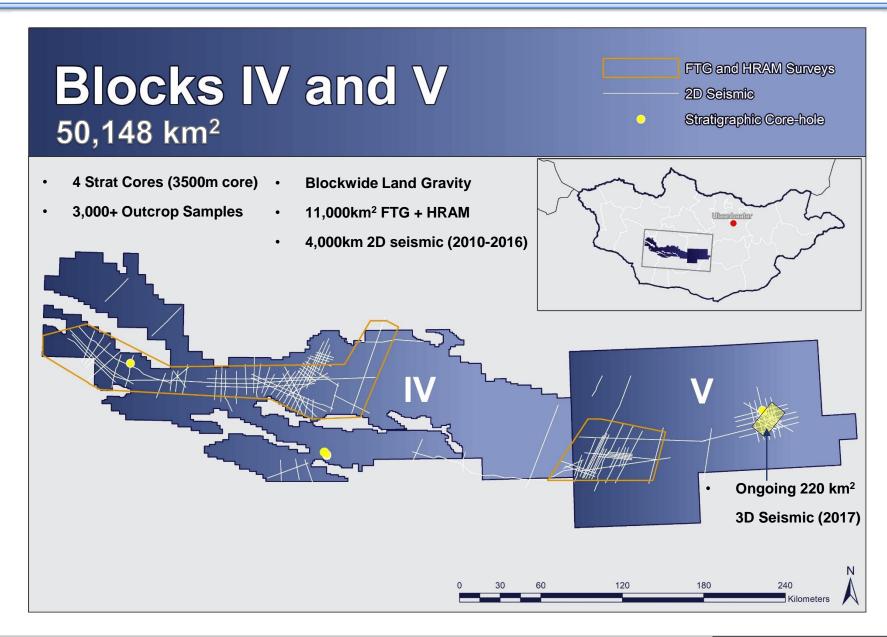




- The under-explored nature of Mongolian petroleum potential is predominantly due to the intentional effort of the soviet union to under-develop the country as a geo-political buffer between itself and China to the south; also major deposits had been discovered inside soviet borders.
- In the post soviet era (1990+) the anticipated lag in industry and political stability has finally, but only relatively recently, been proven to be sufficiently stable and transparent such that large scale rapid exploration, exploitation and commercialization is happening (e.g. Rio Tinto Oyu Tolgoi et al).

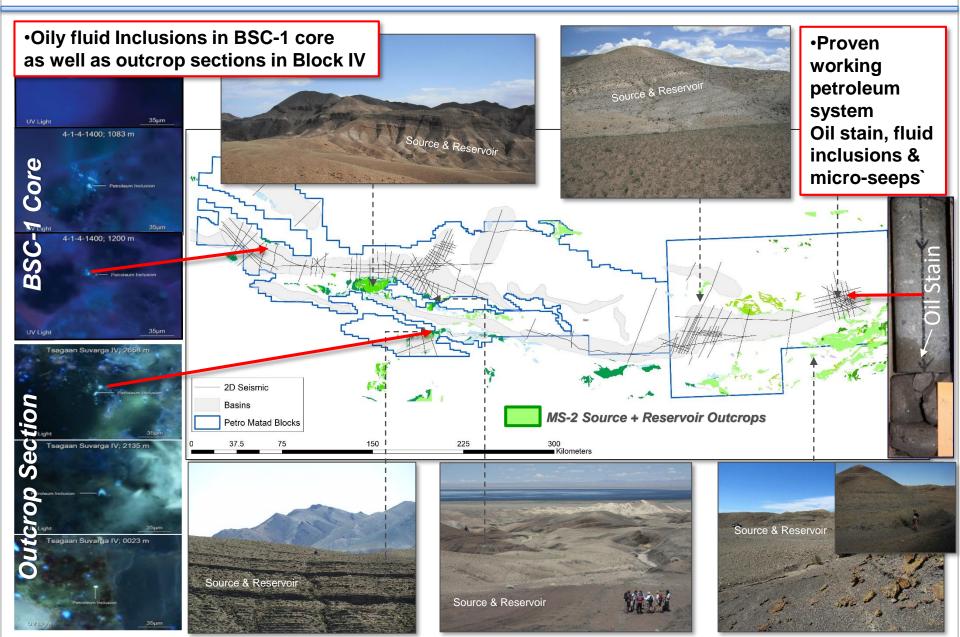
#### **EXTENSIVE EXPLORATION DATABASE**





#### PROVEN PETROLEUM SYSTEMS BLOCKS IV/V





#### **OPERATING ENVIRONMENT**



#### Wide open country, easy to operate, minimal above ground risk



#### RESOURCE ESTIMATES (PETRO MATAD INTERNAL ESTIMATES)



#### **Current Portfolio: 55 Prospects and Leads**

#### **Average Prospect Size: 40 MMbo Recoverable**

Minimum economic field size c.10-20 MMbo Recoverable (\$50 oil)

#### **Significant Upside Potential:**

Seismic evidence for basin centre turbidite fan complexes which are known globally to hold billion barrel fields in similar lacustrine basins

#### **Basin Potential**

- 90+ Bbo Expelled
- 15-30 Bbo Trapped
- 3-10 Billion Recoverable

## **Mapped Portfolio**

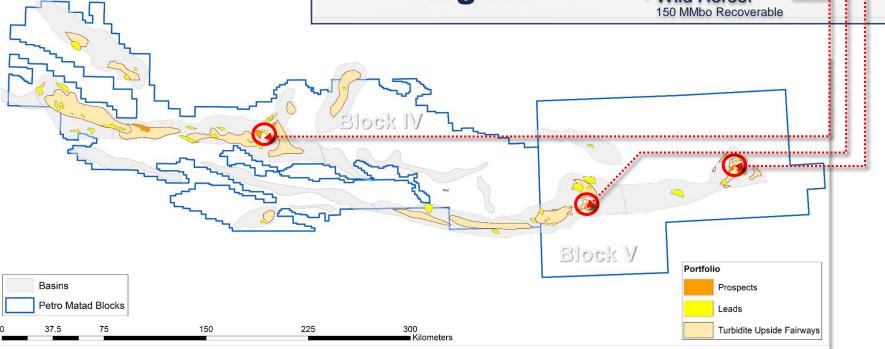
- 2.2 Billion Rec (Mid Case)
- 5-7 Bbo Rec StratPlay/Unconventional Upside

## **Drill Ready Targets**

40 MMbo Recoverable Snow Leopard: 90 MMbo Recoverable Wild Horse:

Falcon:

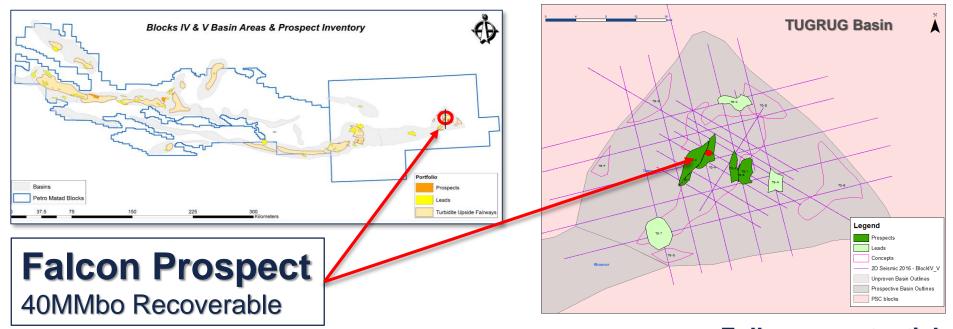
150 MMbo Recoverable

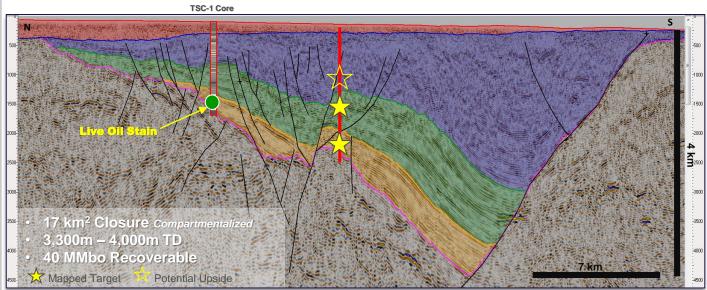


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## DRILL READY PROSPECTS (PETRO MATAD INTERNAL ESTIMATES)





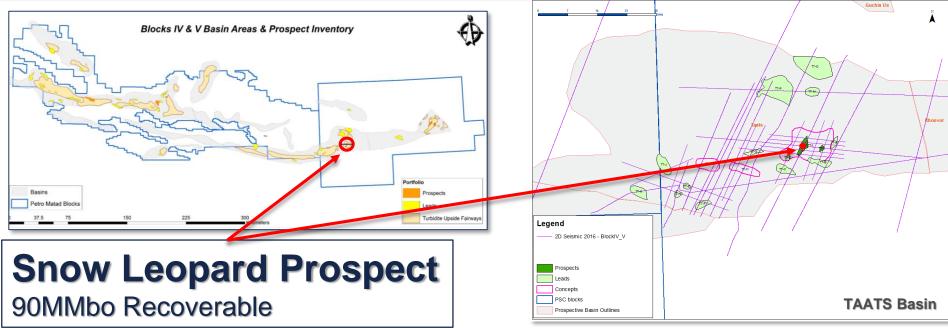


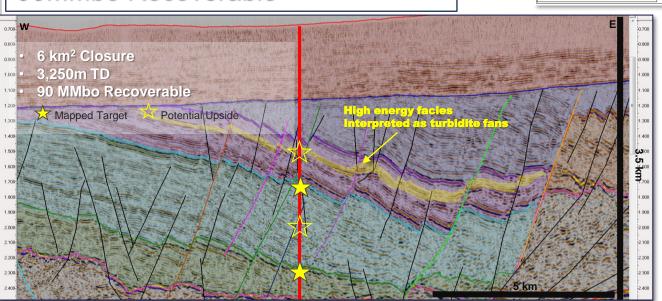
#### Follow up potential

- 6 prospects/leads within 10km radius of Falcon
  - 150 400MMbo Rec potential

## DRILL READY PROSPECTS (PETRO MATAD INTERNAL ESTIMATES)





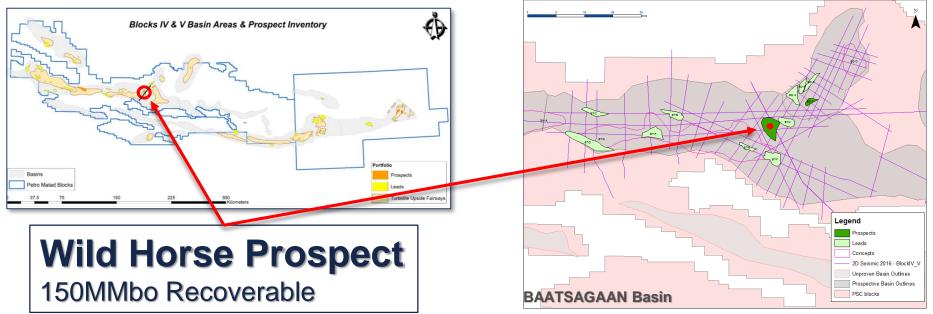


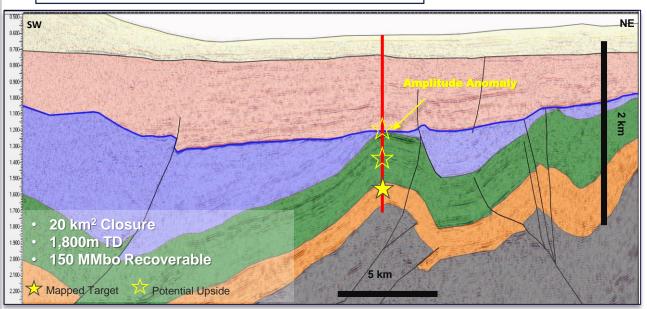
#### Follow up potential

- 13 prospects/leads within 35km radius of Snow Leopard
- 130 600MMbo Rec potential

## DRILL READY PROSPECTS (PETRO MATAD INTERNAL ESTIMATES)





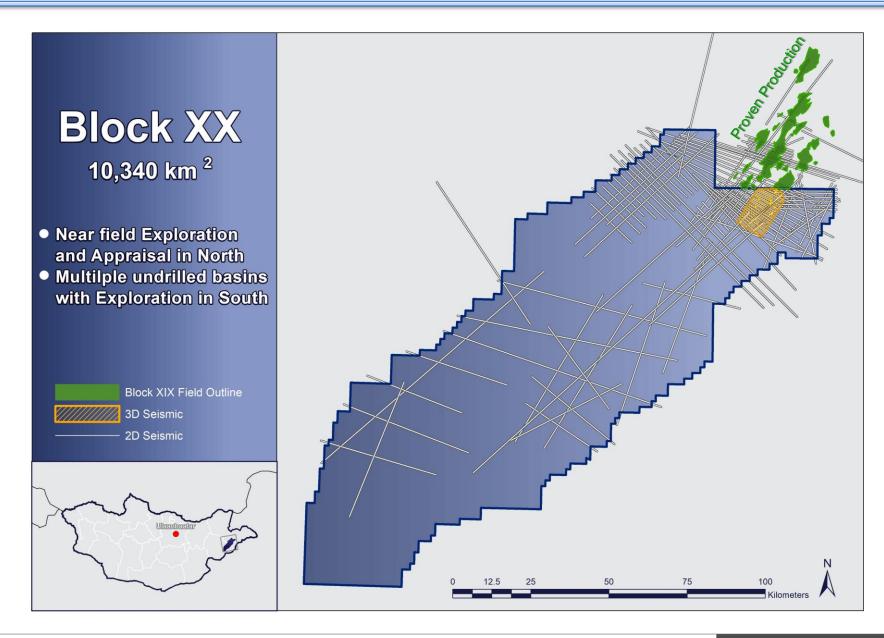


#### Follow up potential

- 14 prospects/leads within 100km radius of Wild Horse
- 500 900MMbo Rec potential

#### **ADJACENT TO PRODUCTION**

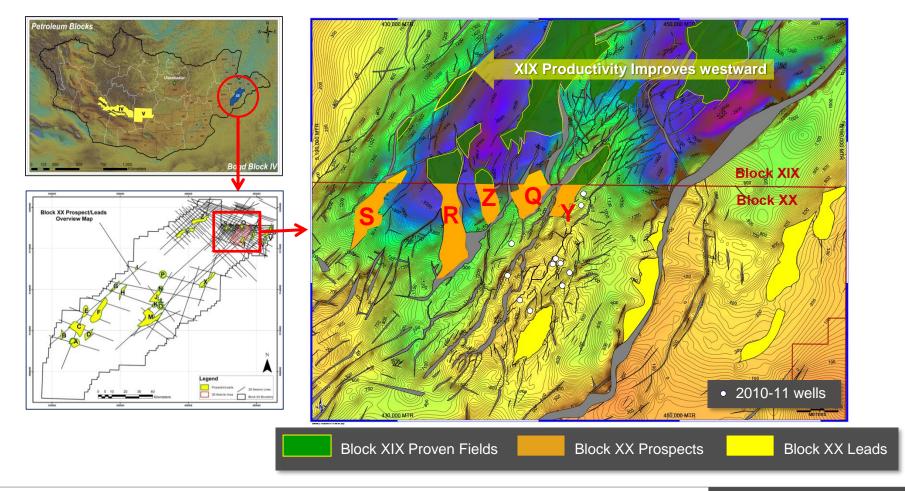




#### LOW RISK EXPLORATION/APPRAISAL

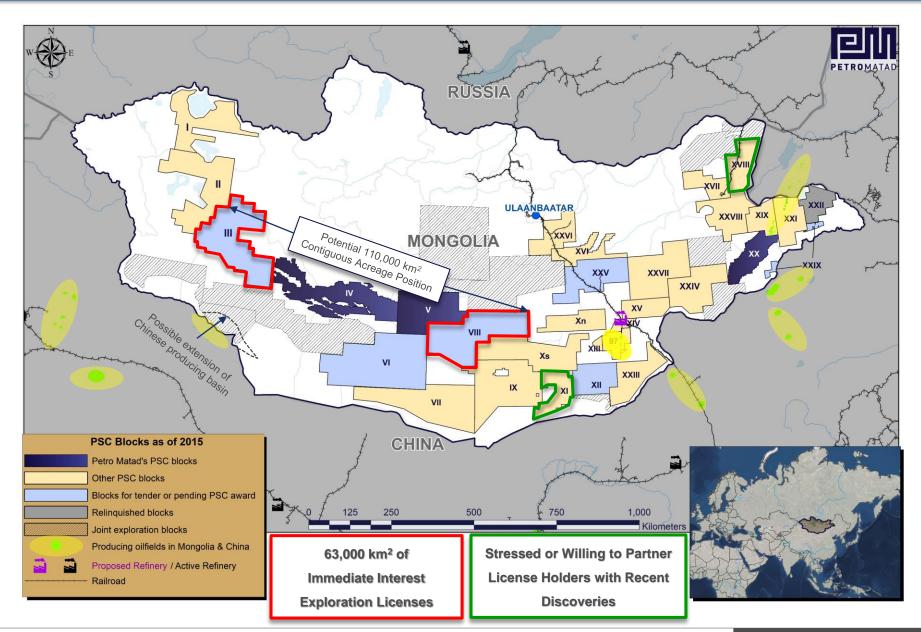


- Northern Block XX is the site of Petro Matad's initial exploration efforts 2008-2011
- Extension of Petro China's proven producing fields as yet untested
- Prospects and extensions of proven, producing oil accumulations cross the block boundary from Block XIX into Block XX
- 10 to 20MMbo recoverable potential (Petro Matad estimates). High chance of success. Potential for early cash flow
- Low well cost: \$1MM to \$2MM



#### **RUNNING ROOM IN THE PORTFOLIO AND THE COUNTRY**





## **COMMERCIAL DETAILS**





Block XIX of Petro China

Oil production and processing facilities

#### **PSC STATUS AND MAIN FISCAL TERMS**



#### **Blocks IV and V**

- Current exploration phase ends mid 2019. Further 2 year exploration extension available
- The first well drilled in 2018 will more than meet the remaining exploration commitment on the PSCs

#### **Block XX**

 Final exploration extension to 2020 (or 2021) is currently being discussed with the government

#### **Main Terms of PSCs**

- Duration: Exploration term 8+2+2 years in Blocks IV and V. 5+2+2+5 years in Block XX.
   Exploitation period 20 + 5 + 5 years
- Royalty: Blocks IV and V 8%. Block XX 5%
- Corporate tax: 0%
- Cost recovery mechanism: Exploration, development and operations costs recoverable against oil production with annual cap of 40% of total gross revenue. The remainder is carried over. Transportation costs are recoverable
- Contractor Profit oil split: Blocks IV/V 50% to 57%. Block XX 45% to 60%

#### CONCLUSION



#### Low Cost, Onshore, Frontier Exploration with better than a Frontier Chance of Success

 Mongolia offers one of the last frontiers for low cost, onshore oil exploration capable of yielding giant discoveries

#### **Attractive Economics in the Success Case**

- Excellent fiscal terms
- Low cost, high chance of success near field exploration/appraisal offers early production and cash flow
- Truly transformational potential

#### **Petro Matad - Uniquely Positioned**

- Petro Matad's in-country reputation and experience make it an industry leader in Mongolia
- Supported by major shareholder Petrovis, a key player in the Mongolian energy sector
- Petro Matad's forward program includes multiple catalysts for significant value addition in 2018/2019

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