



**Wolf Petroleum**  
Mongolian Oil Exploration Company

ASX: **WOF, WOFO, WOFOA**

## **Unlocking Mongolia's multi billion barrel oil potential**

Annual General Meeting / 25th of November 2013

[www.wolfpetroleum.net](http://www.wolfpetroleum.net)

EXECUTIVE SUMMARY

Wolf Petroleum (ASX:WOF) is an ASX listed oil exploration company with the largest petroleum acreage in Mongolia.

**74,400 km<sup>2</sup> (over 18,000,000 acres).**

✓ **SB block (100%)**

**23,000 km<sup>2</sup>**

Proven and producing region  
Production contract

✓ **BU block (100%)**

**10,000 km<sup>2</sup>**

Proven and producing region  
Exploration contract

✓ **Jinst block (100%)**

**41,000 km<sup>2</sup>**

Proximal to major oil fields in China  
Exploration contract

**2013 KEY OBJECTIVES ACHIEVED:**

28 October 2013

**RAISED 2.6 MILLION DOLLARS**  
by issuing 1.5 cent WOFOA options  
through fully underwritten rights issue.

25 November 2013

**WOFOA OPTION PRICE  
HAS INCREASED OVER  
200% IN 1 MONTH**

**• LISTED ON ASX**

**• SIGNED PSC**  
production sharing contract with the Government of  
Mongolia on the highly prospective SB block.

**• COMPLETED**  
the largest ever ground geophysical programmes in Mongolia. (74,400 km<sup>2</sup>.)

**• IDENTIFIED**  
the Toson Tolgoi basin (3,500km<sup>2</sup>), the largest sub basin identified to date  
in Mongolia and potentially the petroleum source kitchen for eastern Mongolia.

**• ACQUIRED**  
450 km of seismic data on the SB block targeting  
Toson Tolgoi basin.

**• DISCOVERED**  
abundant high quality light crude oil seeps in  
the Toson Tolgoi basin.

**▶ IDENTIFYING**  
drilling prospects  
and targets.

# COMPANY OVERVIEW

Wolf Petroleum (Wolf) is focused on oil exploration, development and production in Mongolia. The Company was awarded **the “Operator of the Year” in 2011.**



## HUGE POTENTIAL

Wolf **100% owns** one production and two exploration blocks proximal to **multi billion barrel producing oil fields** in Mongolia and China.

## AGGRESSIVE EXPLORATION

**Ahead of contract commitments on all three contracts.** Completed the largest ever ground geophysical programmes in Mongolia covering 74,400 km<sup>2</sup>.

## EXPERIENCED DIRECTORS

Managed by Directors with proven success in Mongolia and globally.

## **STRONG PRESENCE IN MONGOLIA**

The company is proud to be supported not just by the Government, but also by local communities.



### **STRONG LOCAL PRESENCE**

Company management is based in Ulaanbaatar city, Mongolia and is strongly supported by the Mongolian people and industry authorities.

### **LOCAL RELATIONSHIPS**

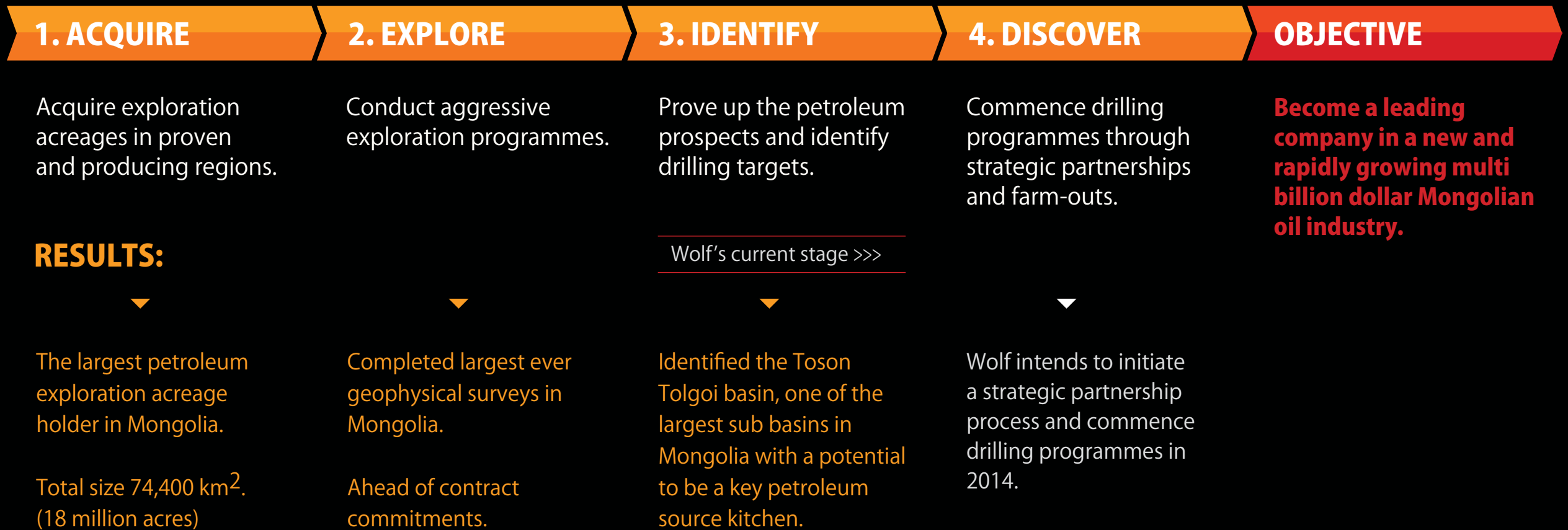
The Company endeavours to consult with the local people prior to commencing its exploration programmes.

### **INCREASING SHAREHOLDERS**

The Company has built a strong Mongolian shareholder base.

# COMPANY STRATEGY

Wolf Petroleum aims to **multiply shareholder value** through exploration and discovery of new oil fields in proven and producing oil regions of Mongolia.



# COMPANY MANAGEMENT

Wolf has a **strong local team backed by international consultants** and managed by industry experienced directors with a proven track record in Mongolia and globally.

## DIRECTORS AND MANAGEMENT

Matthew Wood	Executive Chairman
George Tumur	Joint Chairman
Bataa Tumur - Ochir	CEO, Director
Timothy Flavel	Director
Brian McMaster	Non Executive Director
Jason Peterson	Non Executive Director
Jargalsaikhan D.	Non Executive Director

**Management is focused on the rapid development of the Company and a positive outcome for shareholders.**

## LOCAL TEAM

Due to distinctive geological and environmental features of Mongolia, Wolf has focused on gathering the most experienced local oil exploration team.

Mongolian exploration manager with over 15 years experience.

Independent consultants with over 40 years of industry experience. (University doctors, senior advisors to Ministries).

On field geologists and sub contractors with over 20 years working experience in Mongolia.

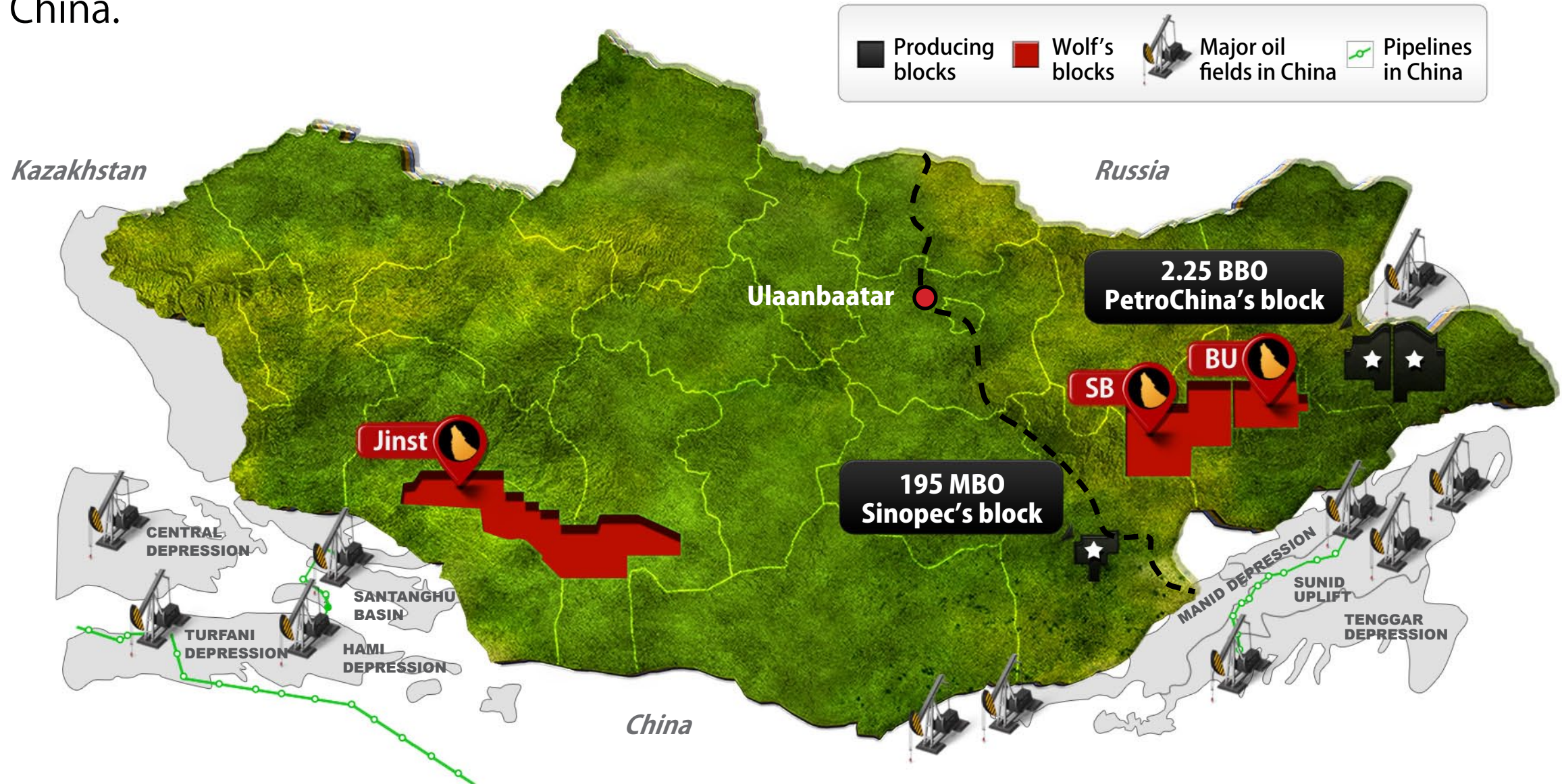
## CONSULTING GROUP

Wolf Petroleum is in partnership with MHA Petroleum USA on exploration and development of its petroleum exploration blocks.

**MHA Petroleum USA has a 30 years of industry experience from pre-discovery of onshore oil fields to production.**

# WOLF PETROLEUM BLOCKS

Wolf has blocks **proximal to multi-billion barrel oil fields** located in Eastern Mongolia and China.



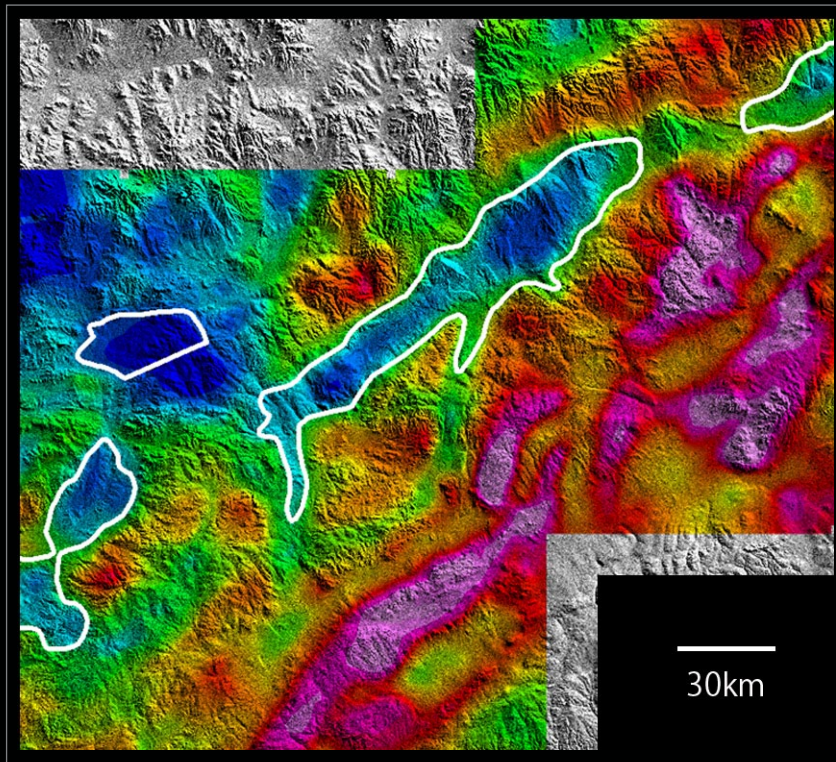


# WOLF PETROLEUM BLOCKS

✓ **SB block (100%)** 23,000 km<sup>2</sup> (5,700,000 acres)

Located in proven and producing region

One of the first identified petroleum blocks in Mongolia. 60% or 12,000 km<sup>2</sup> interpreted as Cretaceous in age with a high potential for oil source reservoir rocks at depth.



○ Sub basins

## EXPLORATION PROGRAMME

- ▶ Geological and geophysical programmes completed.
- ▶ Identified the Toson Tolgoi basin, one of the largest identified sub basins in Mongolia with a potential to be a key petroleum source kitchen.
- ▶ Completed 450km of 2D seismic on "Toson Tolgoi" and "Tal Bulag" basins.
- ▶ Light oil seeps identified within seismic shot hole programme.

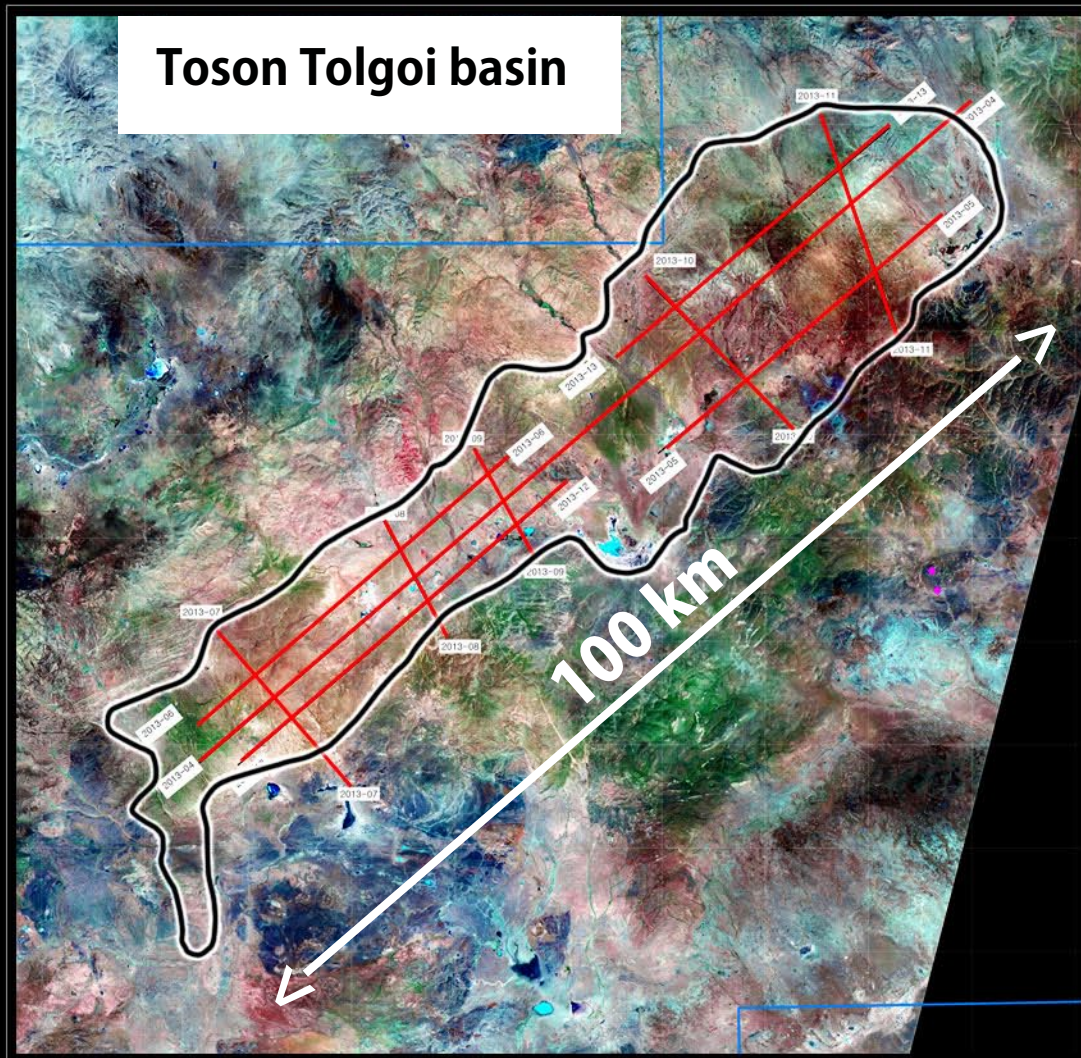
## 2013 PLAN

- ▶ The Company is currently interpreting 450km of 2D seismic data.
- ▶ Identifying multiple drilling prospects and targets.
- ▶ Commencing drilling programmes in 2014.

# WOLF PETROLEUM BLOCKS

✓ **SB block (100%)** 23,000 km<sup>2</sup> (5,700,000 acres)

Located in proven and producing region



## Toson Tolgoi basin on SB block.

- ▶ Toson Tolgoi is the largest identified sub basin in Mongolia with an area of over 3,500 km<sup>2</sup> and up to 5,000 meters deep.
- ▶ 450km of 2D seismic has been completed with preliminary processed data being highly encouraging.
- ▶ The basin has attractive structural and stratigraphic features with the potential to contain oil.
- ▶ Interpretation of seismic data is expected to be finalised in the fourth quarter of 2013.

## WOLF PETROLEUM BLOCKS

✓ **SB block (100%)** 23,000 km<sup>2</sup> (5,700,000 acres)

Located in proven and producing region



Seismic shot hole sample from Toson Tolgoi basin

### Geochemical analysis of seismic shot hole samples

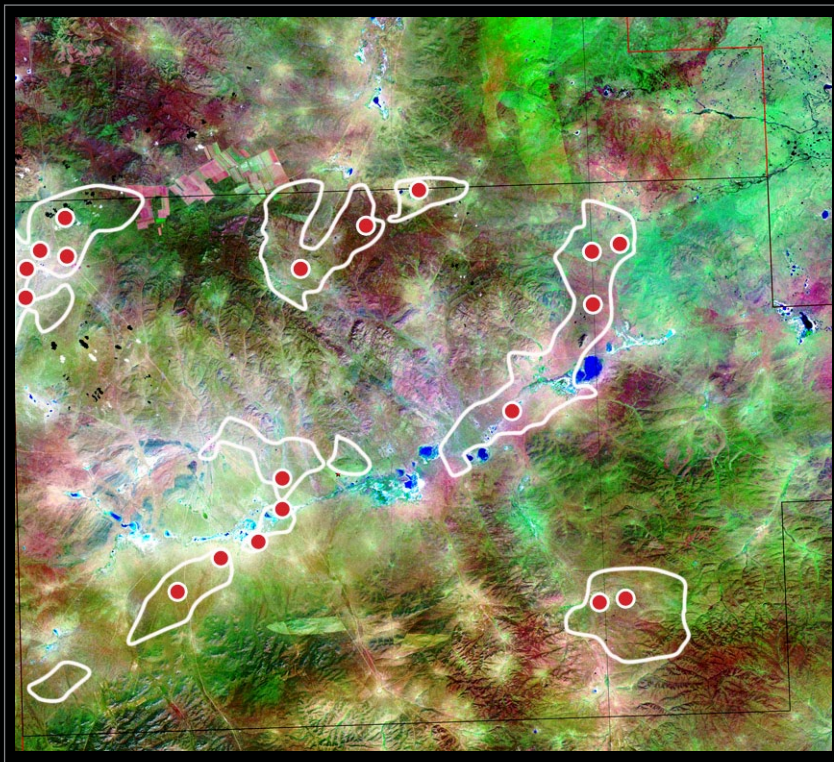
- ▶ Collected over 7,500 seismic shot hole samples. The first batch of 242 samples were analysed at Vista Lab in Golden, Colorado, USA.
- ▶ 53 out of 242 of the shot hole samples have **HIGH (45° API) to medium (30° API)** gravity live oil seeps ranging from 1 to 10 parts per million concentration.
- ▶ PetroChina in Mongolia produces **36° API light oil**.
- ▶ Live oil seeps along multiple parts of the seismic lines provides compelling evidence of an **active petroleum system** in the Toson Tolgoi and Tal Bulag basins.

# WOLF PETROLEUM BLOCKS

## ✓ **BU block (100%)** 10,000 km<sup>2</sup> (2,500,000 acres)

Located in proven and producing region

The BU block is located proximal to PetroChina's multi billion barrel oil field in Mongolia. Geological structures and depth of basins are similar to current operating oil fields.



○ Sub basins ● Lead targets

### EXPLORATION PROGRAMME

- ▶ Contract commitments completed.
- ▶ Geological and geophysical programmes completed.
- ▶ Six sub basins identified similar to current producing fields.
- ▶ 330 km of 2D seismic completed.
- ▶ 22 lead targets identified.
- ▶ Reservoirs and source rocks identified.

### 2013 PLAN

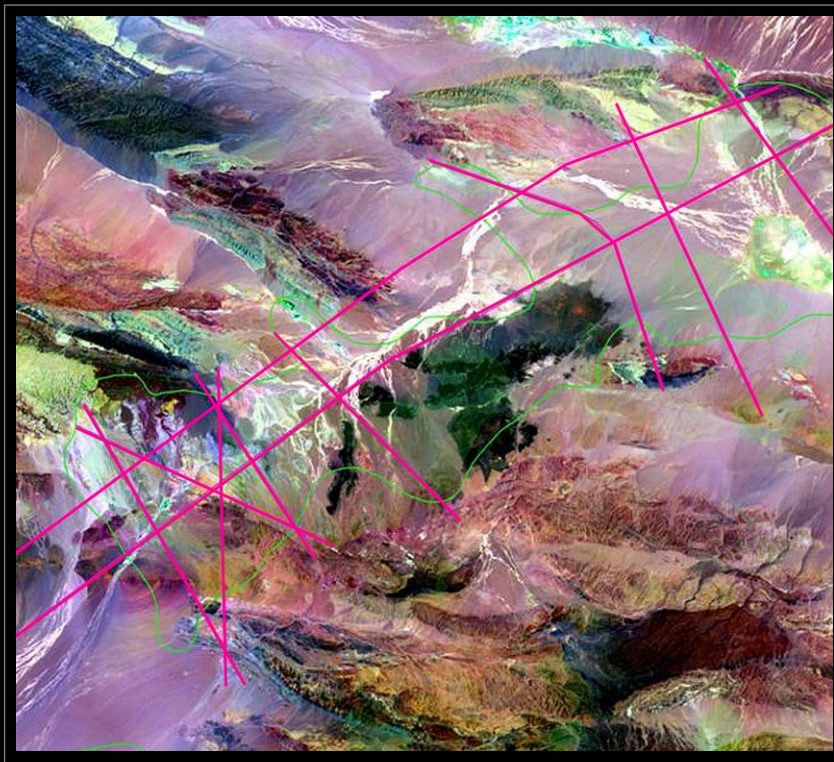
- ▶ Upgrading lead targets to drilling prospects.
- ▶ Estimating initial oil in place.
- ▶ Applying for a Production sharing contract.

# WOLF PETROLEUM BLOCKS

## ✓ **Jinst block (100%)** 41,000 km<sup>2</sup> (10,000,000 acres)

Proximal to major oil fields in China

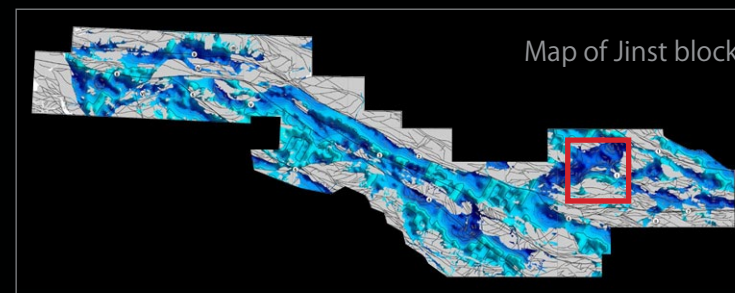
The Jinst block is the largest exploration block in Mongolia, proximal to one of the largest producing basins in China to the south.



— Planned 2D seismic lines

### EXPLORATION PROGRAMME

- ▶ Ahead of contract commitments.
- ▶ Initial geological and geophysical programmes completed.
- ▶ Twelve sub basins identified.
- ▶ Priority target basins with over 1,500 km<sup>2</sup> identified.



### 2013 PLAN

- ▶ Remote sensing programme is under-way .
- ▶ 560km of 2D seismic planned in 2014. Focusing on Doloonii and Jinstiin sub basins.
- ▶ Applying for Production sharing contract in late 2014.

## WHY MONGOLIA ?

Mongolia is one of the last frontiers, where **multi-billion barrel oil fields can be discovered** and produced with the competitive production sharing terms.

### UNDER EXPLORED

Emerging country with a rapidly growing oil exploration industry. Since 2008, total 58 wildcat wells have been drilled across Mongolia with a **51% success rate**.

### UP AND COMING PRODUCER

PetroChina and Sinopec are currently producing oil in Mongolia and exporting to China. They operate three producing blocks with **2.4 billion barrels of oil in proved reserves**.

### COMPETITIVE TERMS

**100% cost recovery** programme and **over 50%** of production to the operator. Stable contract for up to 9 years of exploration and 30 years of production.



*Current proven oil reserves place Mongolia at #34, in the TOP COUNTRIES list with proven oil reserves.  
**This is just the beginning...***

# OIL PRODUCTION IN MONGOLIA



PetroChina production facility in Mongolia

## RAPIDLY GROWING

Since 2005 test oil production and export to China have multiplied

**24 times.**

## OFFICIALLY DECLARED

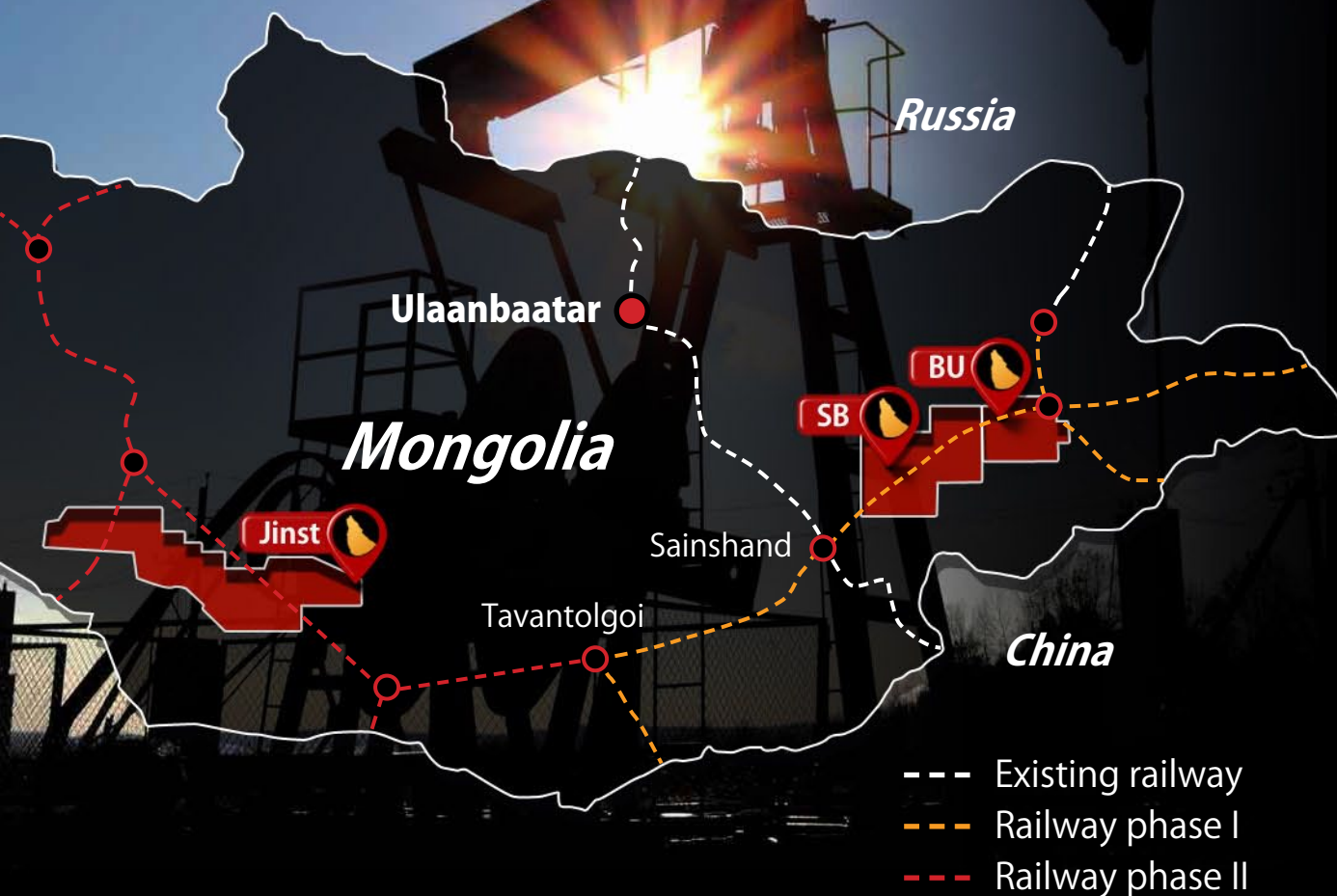
The Government of Mongolia officially declared oil production only in 2013. Currently Mongolia produces 4.5 million barrels of oil annually and production is rapidly increasing.

## INCREASING DEVELOPMENT

Petro China and Sinopec have 400 producing wells in Mongolia and this year alone added another 110 producing wells. **By 2015 number of producing wells will reach up to 600.**

# DEMAND AND INFRASTRUCTURE

Wolf Petroleum blocks are strategically located proximal to Mongolia's new railway development and next door to World's fastest growing oil importer China.



## HUGE ENERGY DEMAND

China will become the largest crude oil importer in the world over the next seven years.

(Wood Mackenzie report 2013.)

**CHINA ON TRACK TO SPEND US\$500BN ANNUALLY** on Crude Oil Imports by 2020, surpassing US import requirements.

## INFRASTRUCTURE

New railway construction (**phase - I**) is being built through Wolf's BU and SB blocks connecting to China and Russia.

Railway construction (**phase - II**) will be built through Jinst block connecting to China and Russia.



# WOLF PETROLEUM - A PLATFORM FOR GROWTH

Wolf Petroleum has built a strong platform for growth based on its three main value drivers.

## HUGE EXPLORATION POTENTIAL

Wolf has secured the largest petroleum exploration acreage in a proven and producing regions of Mongolia.

- + New and rapidly growing industry.
- + Increasing farm-out and investment interest.

## MANAGEMENT AND SUPPORT

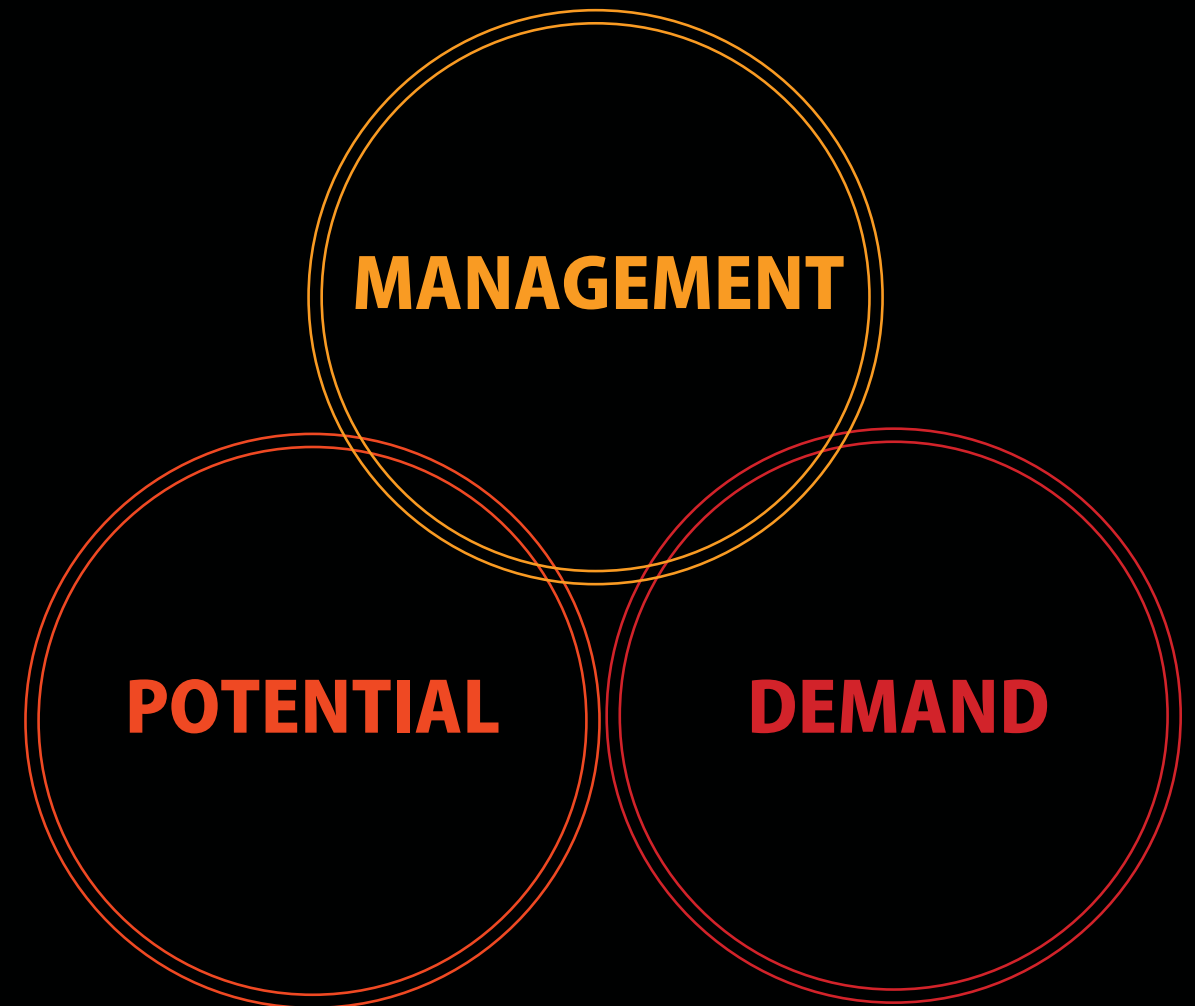
The Company is managed by directors with a proven success track record in Mongolia and Global.

- + Focused on positive outcome for shareholders.
- + Strong local presence and experienced team.

## STRATEGIC LOCATION AND DEMAND

With an increasing demand of crude oil from China, Mongolia will take a strategic role in supplying oil into China.

- + Existing crude oil export channel to China. (Road and railway)
- + Developing a new railway routes to China and Russia.



## WHY INVEST IN WOLF PETROLEUM NOW?

In the next 6-12 months, the Company plans to complete a number of important milestones that **will create significant value and growth for the company.**

### 2014 KEY OBJECTIVES:

▶ **IDENTIFYING**  
drilling prospects and targets.

▶ **OPENING DATA ROOM**  
the Company is opening a virtual data room for strategic partners and farm in bidders.

▶ **ESTIMATING OIL POTENTIAL**  
the Company will estimate its oil potential on SB, BU and Jinst blocks.

▶ **DRILLING EXPLORATION WELLS**  
the Company plans to drill 5-10 exploration wells on SB block.

▶ **DEVELOPING COMPANY ASSETS**  
Upon a successful drilling programmes, the Company will further develop its oil fields for near term production.

# CONTACT WOLF PETROLEUM

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## ASX: WOF, WOFO, WOFOA

### SHARE PRICE:

AU\$ 0.085 (18-Nov-2013)

### MARKET CAPITALISATION:

AU\$ 22,26 million

### DIRECTORS OWNERSHIP:

+ 40%

## DISCLAIMER

### Forward-looking statements

This presentation includes certain "forward-looking statements." All statements, other than statements of historical fact, are forward-looking statements that involve various risks and uncertainties. There can be no assurances that such statements will prove accurate, and actual results and future events could differ materially from those anticipated in such statements. Such information contained herein represents management's best judgment as of the date hereof based on information currently available. The company does not assume the obligation to update any forward-looking statement.

