



# ADX Energy

# Activity Update

October 2014

[www.adx-energy.com](http://www.adx-energy.com)

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# Corporate Summary



- ASX listed international energy explorer (ASX:ADX)
- Balanced asset portfolio (High impact appraisal and exploration)
- Experienced management team
- Head office in Perth and offices in Vienna, Austria and Tunisia
- Recent company restructure has materially reduced costs
- 19.4% interest in Riedel Resources. (ASX listed Gold and Base metal explorer, ASX:RIE)

## Capital Structure

Shares on Issue	545 million
No of Shareholders	2,749
Options exercisable @ 4 cents by 15 Feb 2016	20.5
<b>Market Capitalisation @ 1 cent</b>	<b>5.45</b>
<i>Top 20 shareholder Interest</i>	<i>58%</i>



# Strategy



## Corporate Strategy

- Commercialisation of existing discoveries
- Early entry to high impact exploration opportunities in proven oil and gas basins
- Focus on areas where management has experience and track record

## Operating Strategy

- Maintain operatorship through the exploration - appraisal phase of the asset cycle

## Funding Strategy

- Acquire material permit interests of 50+% which provides monetisation leverage
- Fund drilling via farm-outs but retain significant interests which provides material upside to drilling success



# Near Term Activity Summary

## “Potential for a Re-rating”



### ■ Sicily Channel (Offshore Tunisia and Italy)

- Dougga (Kerkouane permit) farm-out transaction **Q4 2014**
- Farm out D 364 CR-AX Italian exploration permit **Q3 2015**
- Dougga gas condensate appraisal well **Q4 2015**
- Dougga West Oil exploration well **2015/2016**

### ■ Romania

- Parta permit farm-out **Q4 2014**
- Drill 2 onshore wells **Q2 2015**
- New Ventures gazetta's **Ongoing**



# Asset Summary



## “A Prospective High Impact Portfolio”

### Sicily Channel Offshore Tunisia (Kerkouane Permit)

- **Appraisal Projects (100% interest)**

Three existing gas condensate discoveries – Dougga with independently assessed gas condensate resources, the Lambouka gas discovery and Kerkouane gas discovery.

- **Exploration Prospects (100% interest)**

A large prospective resource defined on 3D seismic and significant leads defined on 2D seismic.

### Offshore Italy (100% interest, Contiguous to Kerkouane)

- A large new exploration permit with proven hydrocarbons (containing the produced Nilde oil field).

### Onshore Romania (50% interest)

- Prospective acreage position in Romania in under explored but proven oil and gas province with three drill ready prospects defined on new seismic.



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# Company Highlights



- Secured funding via farm-outs and operated the drilling of the Lambouka discovery well - the first deep water well offshore Tunisia. **2010**
- Awarded the Parta exploration permit in Pannonian basin in Romania and farmed out 50% of the block for US\$ 3.5 million to fund prospect generation. **2011**
- Divested a 30% interest in the Chorbane onshore exploration permit in Tunisia for US\$ 1.5 million (deal yet to be finalised). **2013**
- Secured a 100% interest and a 2 year program extension in the Kerkouane offshore permit in Tunisia which includes the Dougga gas discovery. **2014**
- Recently awarded at 100% the 364 C.R-AX license offshore in Italy containing an existing oil field and is on trend with ADX' Kerkouane acreage. **2014**
- **Poised for additional transformational transactions in the near term**

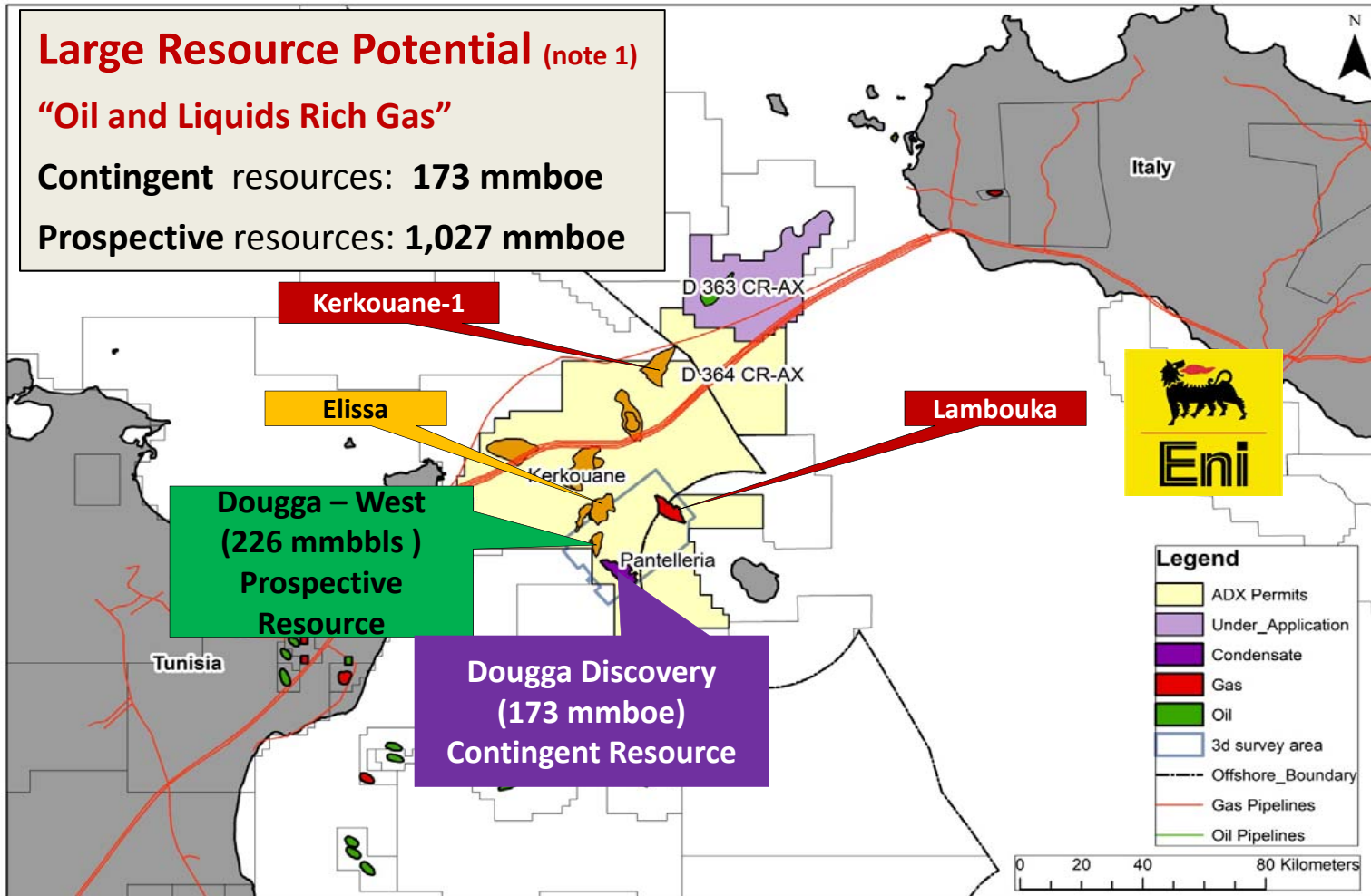


# Sicily Channel Offshore Tunisia

## Kerkouane permit (100% equity)



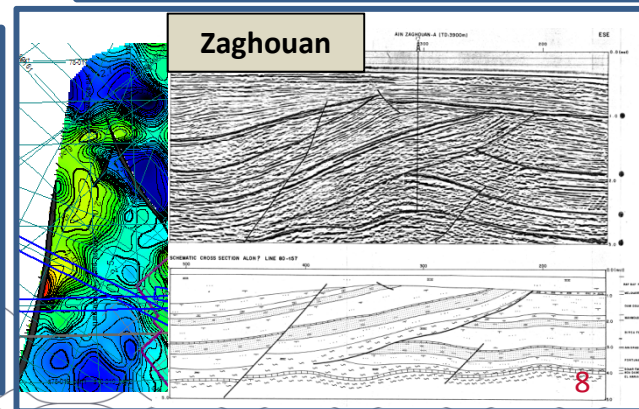
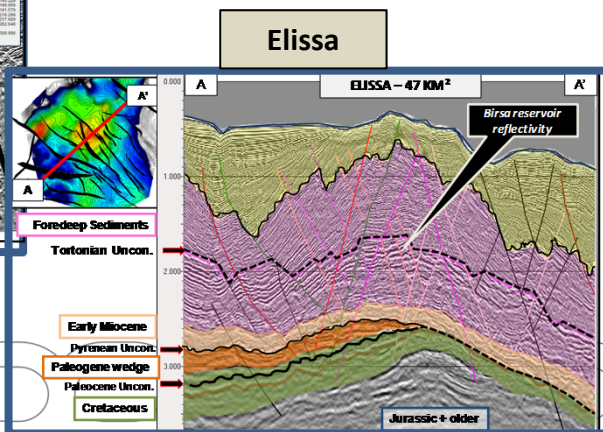
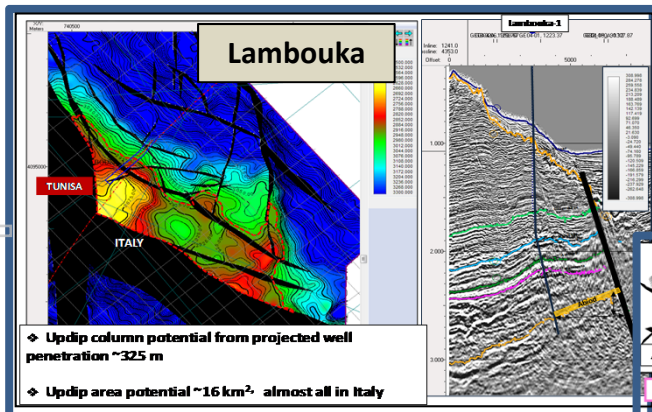
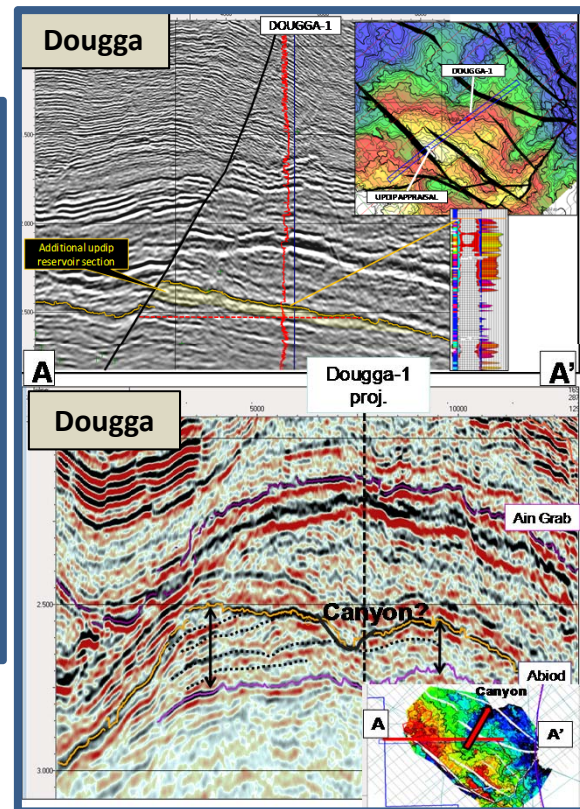
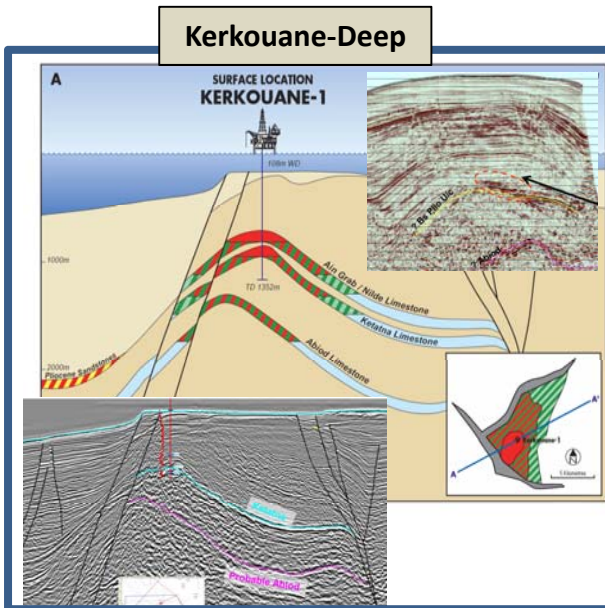
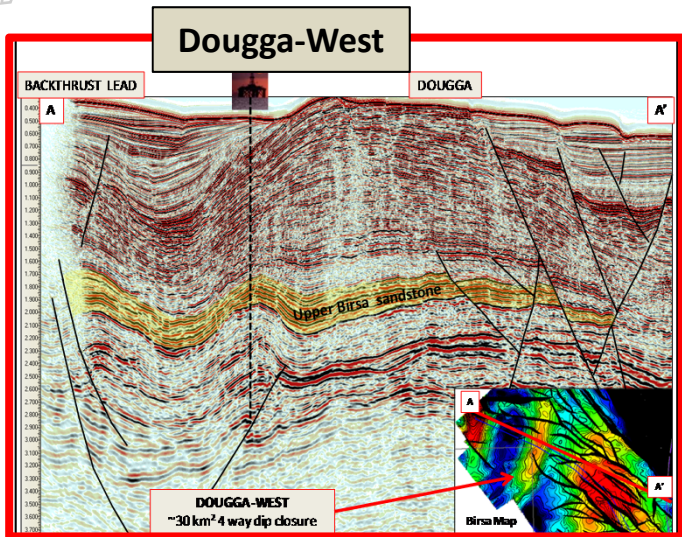
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Note 1. Prospective and contingent resources were calculated using the probabilistic method and are best estimates. Conversion factor: 1BOE = 5.62 scf. Reporting date: prospective resources 6 Sept 2013, contingent resources 26 Sept 2012.

# Portfolio Snapshots

“Combination of Appraisal and Exploration”



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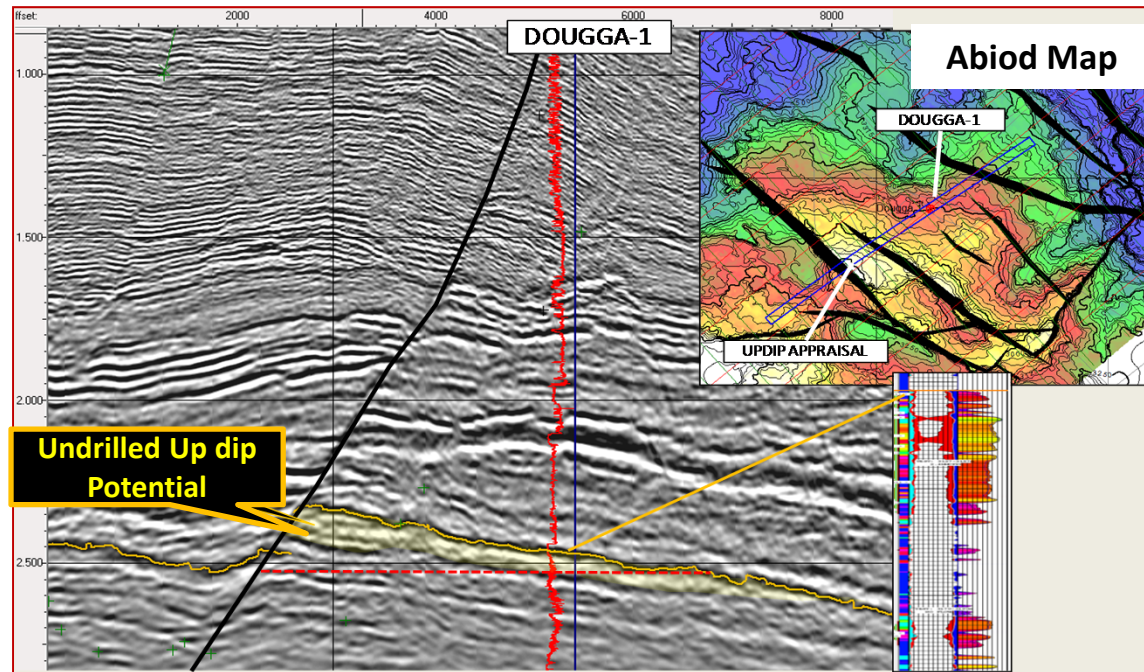
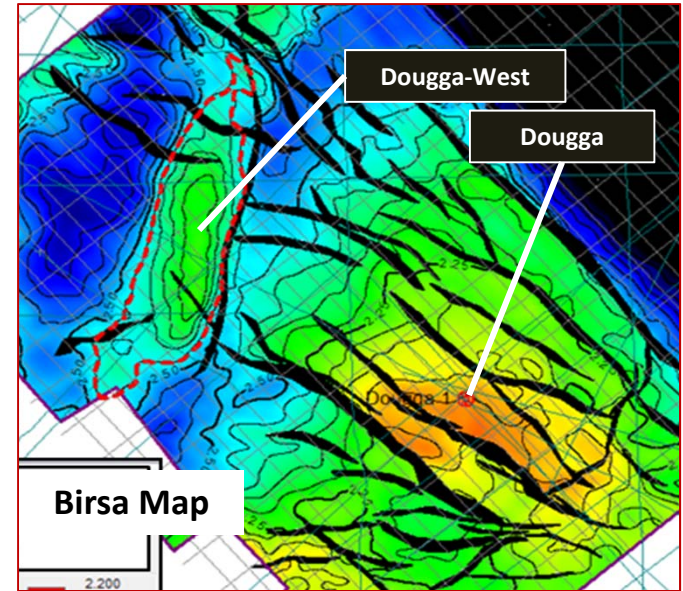


# Sicily Channel Offshore Tunisia

## Dougga Gas Condensate Appraisal (100% equity)

Contingent Resources Estimates	1C	2C	3C
Total Oil Equivalent [mmeob]	88	173	268
Liquids: Condensate & LPG [mmbls]	47	91	142
Sales Gas [bcf]	264	517	804

Sources: Competent persons reports (CPR) by TRACS and ISIS, Development Plan by Genesis  
**Dougga Gas Condensate Appraisal – Contingent unrisks resources** The Tracs CPR from July 2012 estimates a 70% chance of success for a commercial development.



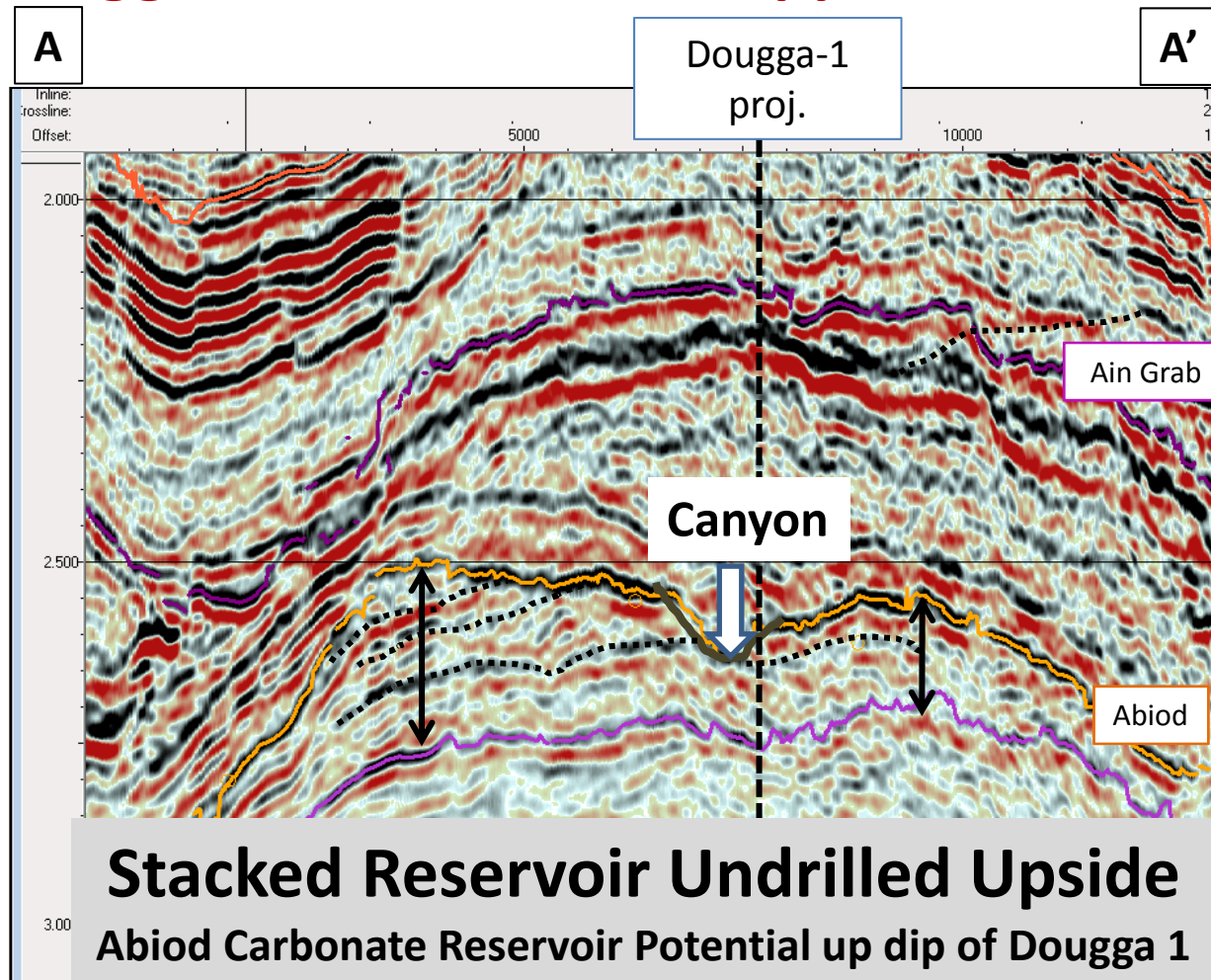
**600 meter gas column intersected in Dougga #1 well** mapped and supported by RFT pressure data.  
**300 Meters of Up dip potential** based on 3D seismic.  
**Dougga West Oil Prospect** located within 9kms of Dougga

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# Sicily Channel Offshore Tunisia

## Dougga Gas Condensate Appraisal

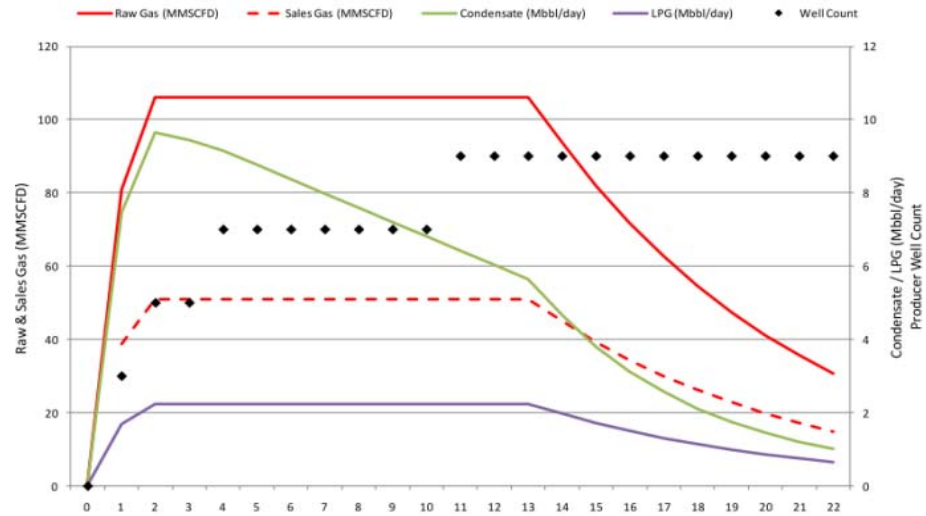
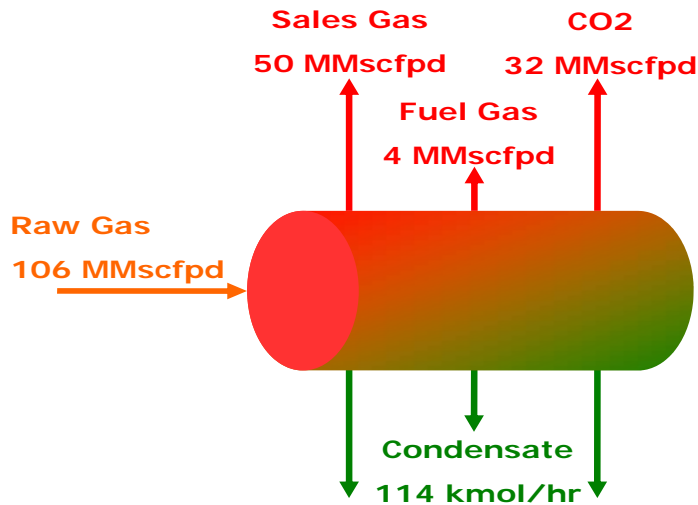


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# Sicily Channel Offshore Tunisia

## Dougga Gas Liquids Concept



Dougga forecast: 22,000 boe/day

- ✓ 50 mmscf/d sales gas (base case)
- ✓ 9,400 bopd condensate production
- ✓ 3,200 bopd LPG production
- ✓ total project NPV (10) 1.6 Billion USD

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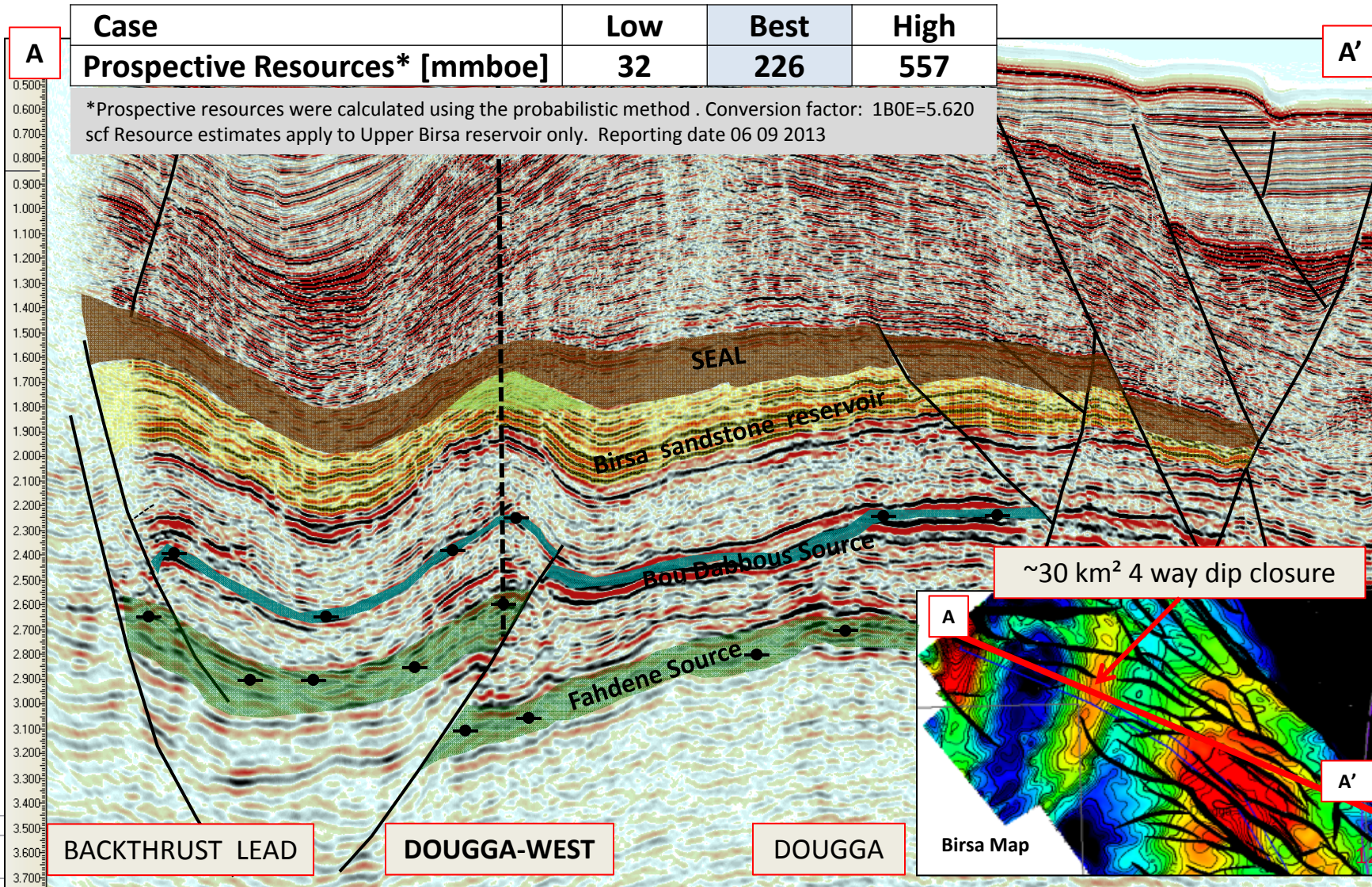


# Sicily Channel Offshore Tunisia

## Dougga West Oil Prospect (100% equity)



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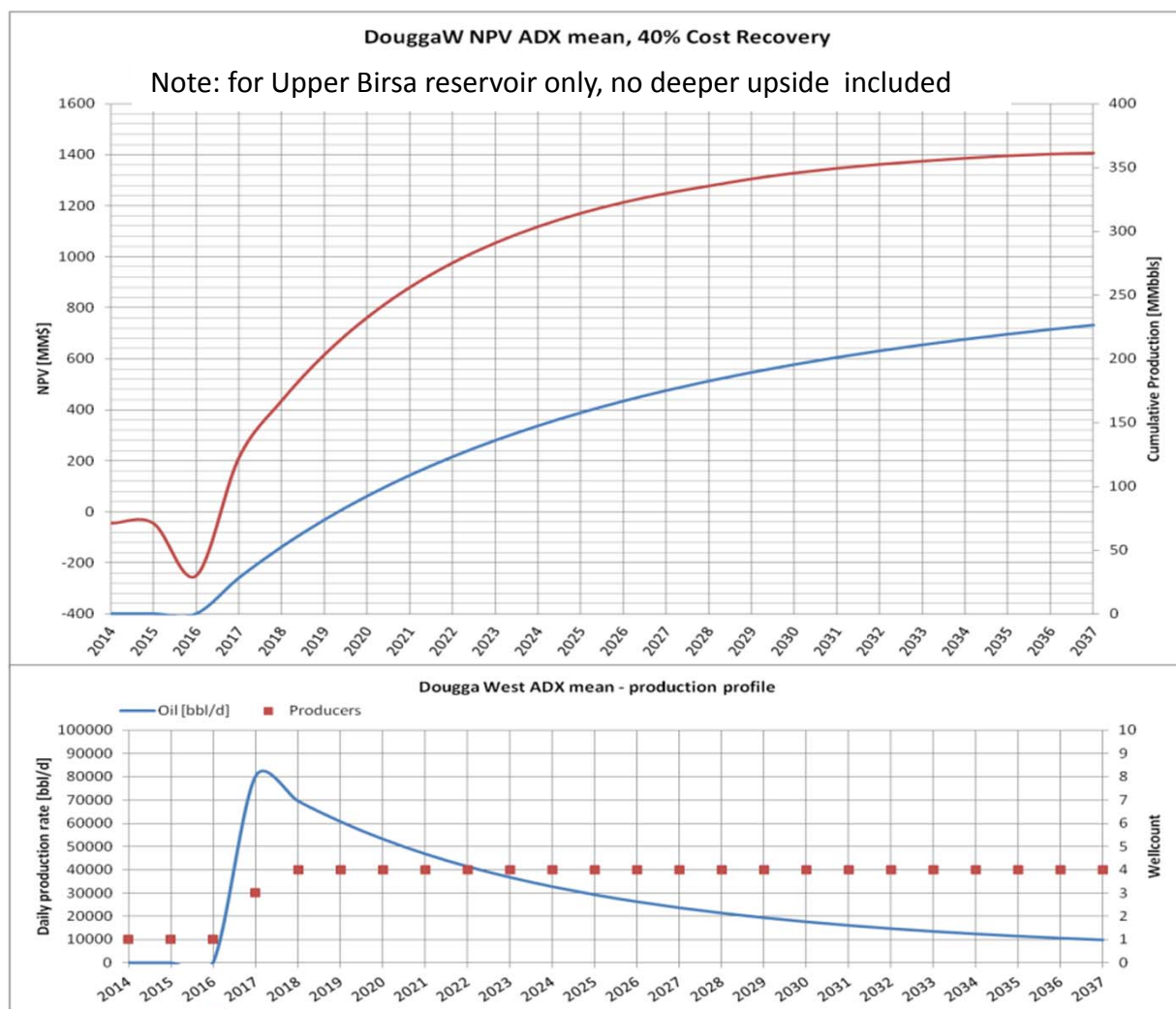


# Sicily Channel Offshore Tunisia

## Dougga West Oil Prospect Economics



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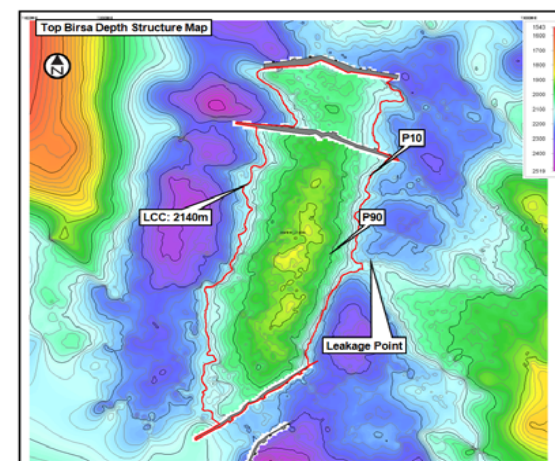


Note: all NPV figures assume a discount rate of 10% (i.e. NPV = NPV(10)).

### Economic Summary

NPV 10% dcf, US\$ 90 per bbl case

- Contractor NPV \$1406 mill
- Total CAPEX US \$367 mill
- Resources 226 mmbbl
- Production 2017- 2037
- PSC 40% cost oil
- Oil price: 90 US\$/bbl 2014
- Inflation 2.5% p.a.



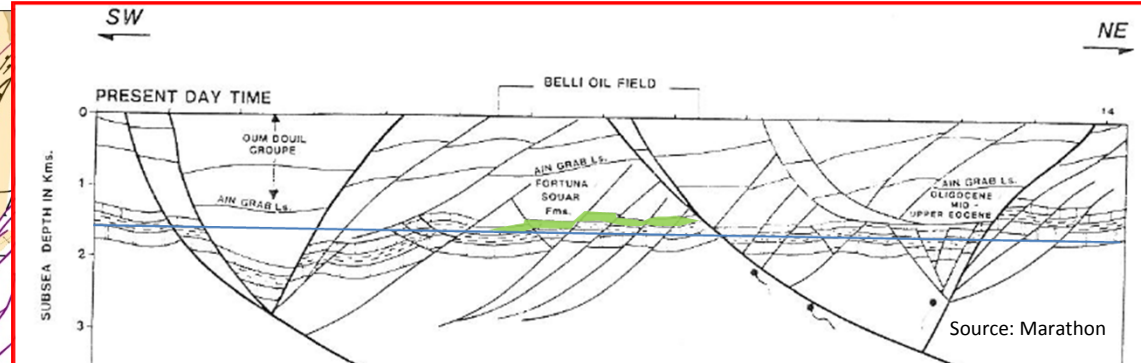
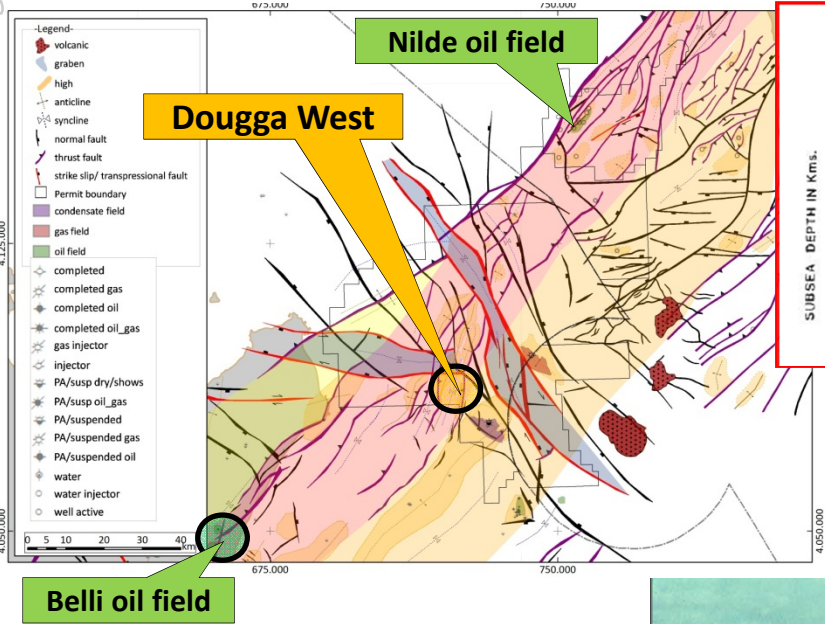
Top Birsa Depth ISIS – CPR 2013

# Dougga West Oil Prospect

## On Proven Oil Trend (with Belli and Nilde oil fields)



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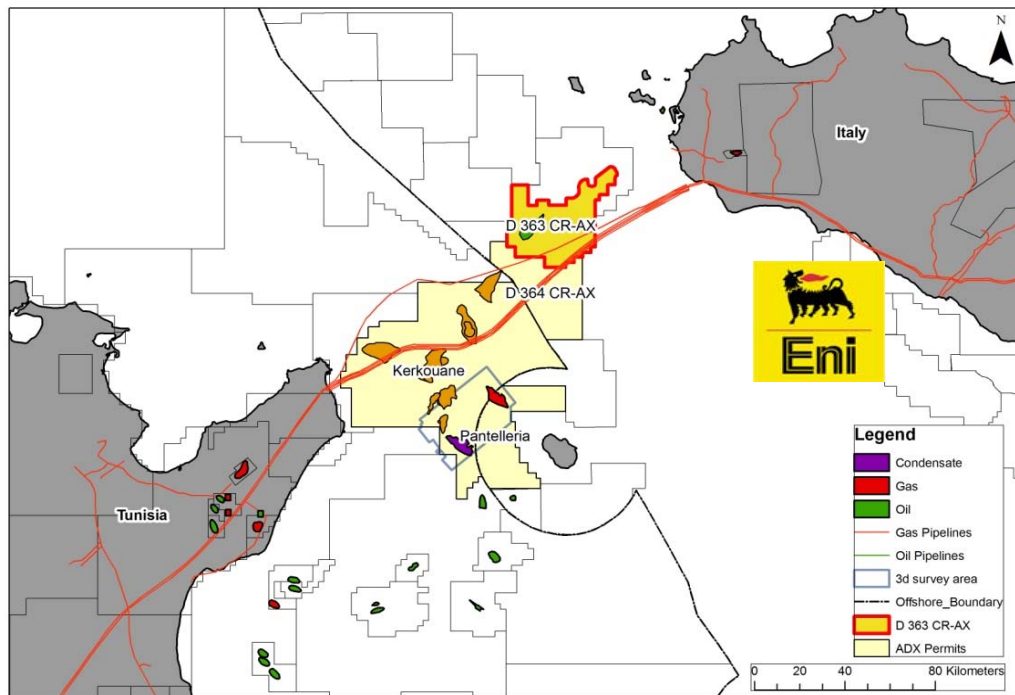


**Belli-1A Testing 5800 BOPD at 1600m (Bou Dabbous fractured marl! High porosity Birsa sst. absent)**

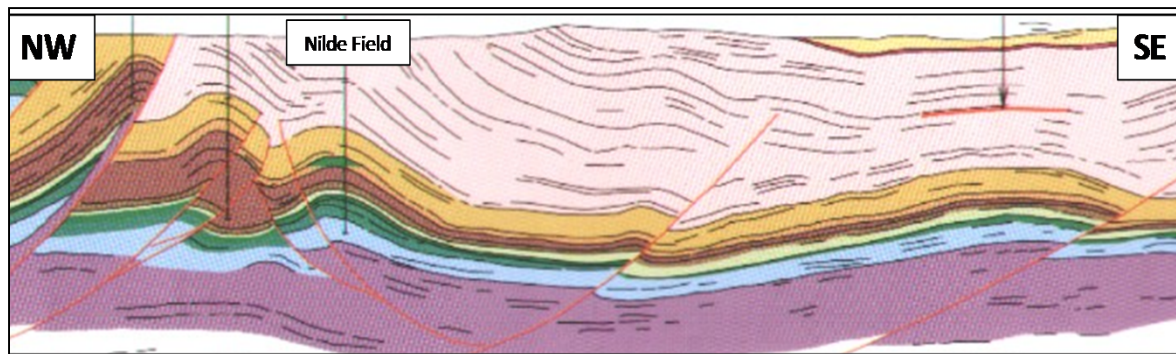


# Sicily Channel Offshore Italy

## Recent Acreage Gazettal (ADX 100%)



The 364 C.R.-AX license offshore Italy contains an existing oil field and is on trend with ADX' Kerkouane acreage



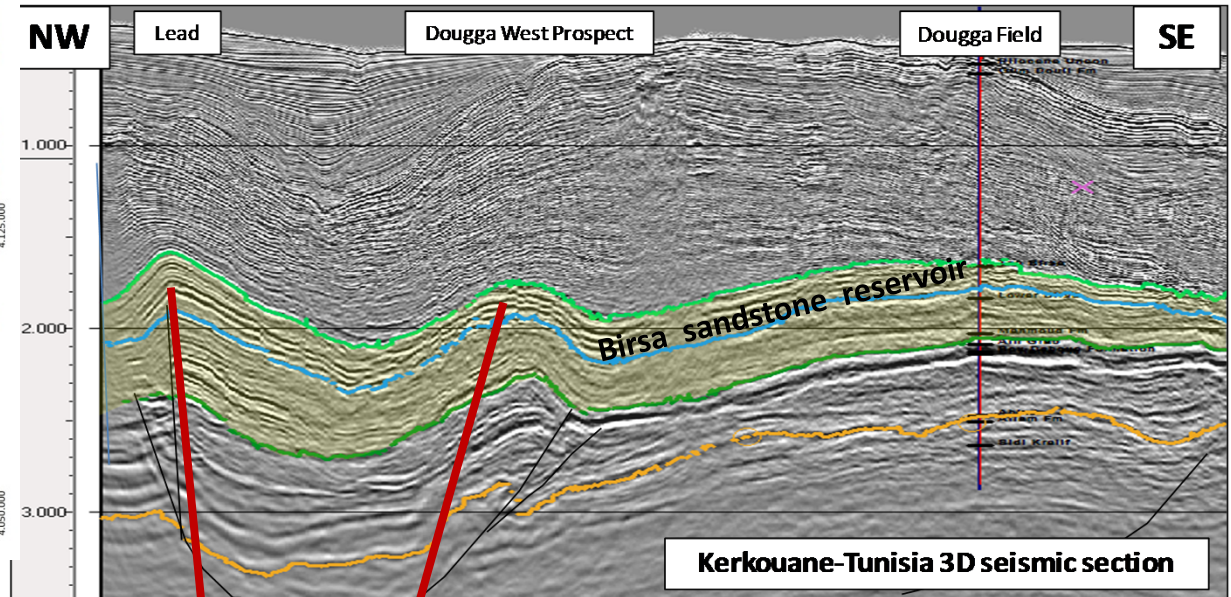
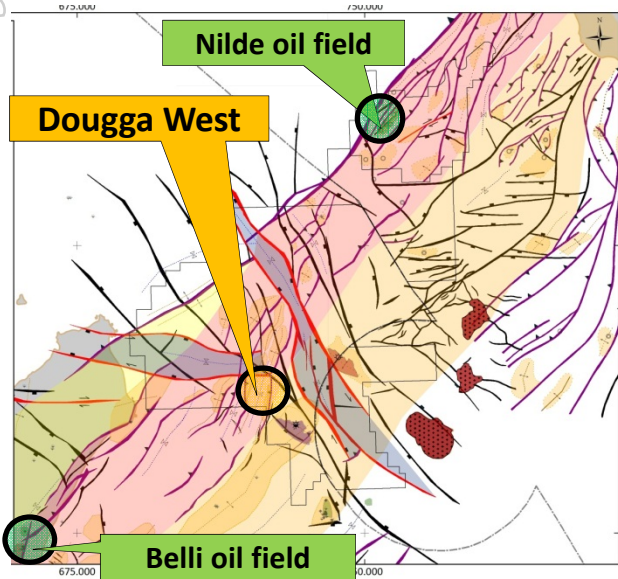
Geological cross section through the license showing the Nilde oil field.

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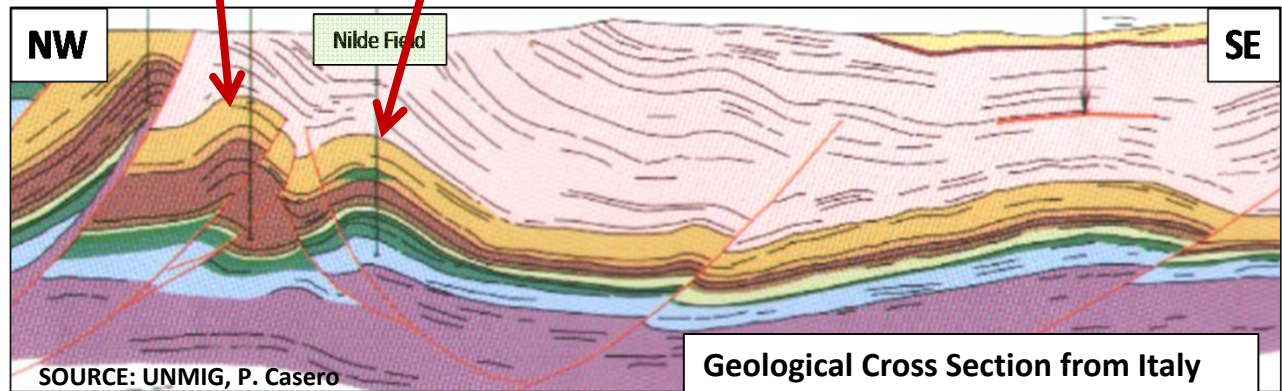


# Sicily Channel Offshore Italy

## Recent Acreage Gazettal (ADX 100%)



Remarkable regional continuity of structural belts across major recent wrench graben systems, DW has a very high chance of Birsa sandstone reservoir being present



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# Sicily Channel Offshore Tunisia & Italy

## Forward Plan



- **Dougga (Kerkouane) farm-out transaction** **Q4 2014**
- **Farm out D 364 CR-AX (new Italian permit)** **Q3 2015**
- **Dougga gas condensate appraisal well** **Q4 2015**
- **Dougga West oil exploration well** **2015/2016**

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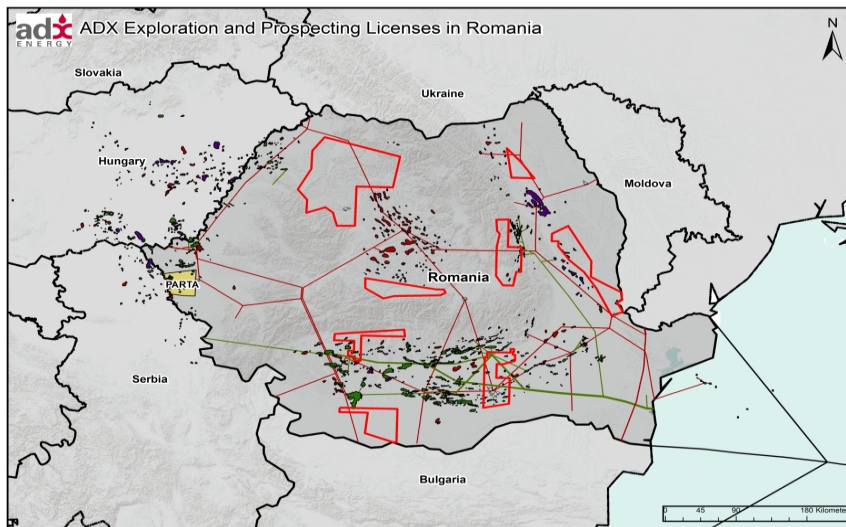


# Onshore Romania

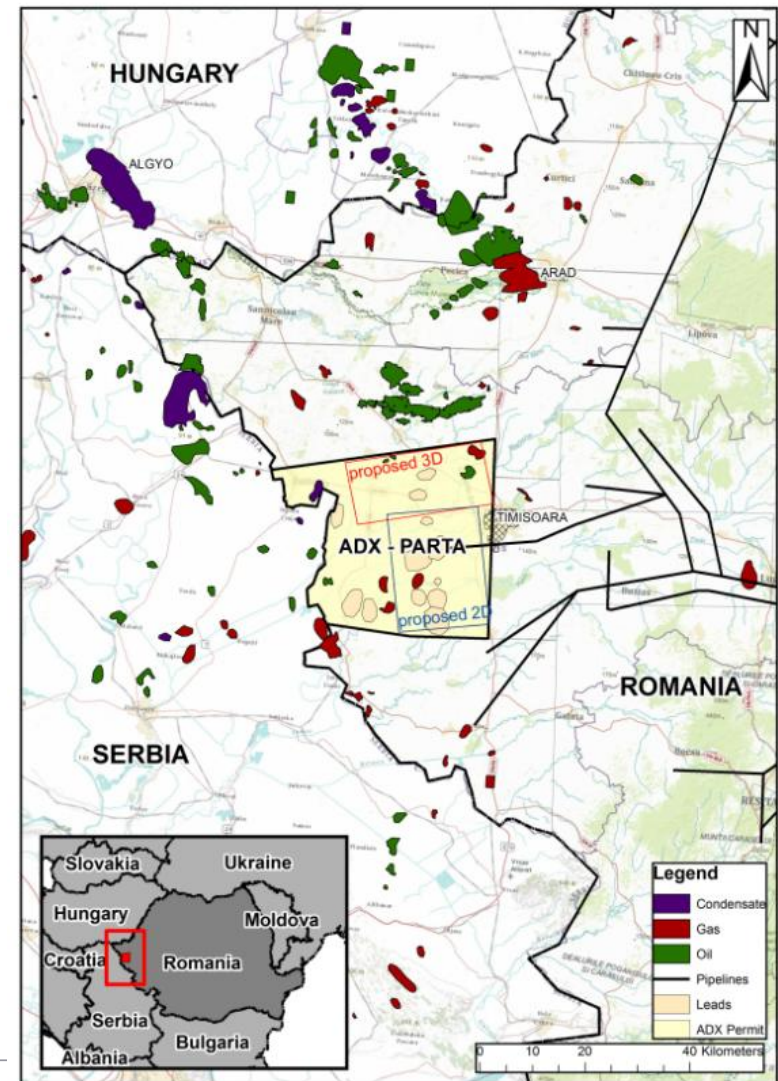
## Parta Block – 50% ADX operated



- Fiscally attractive Concession Agreement
- Prolific permit in a proven and producing hydrocarbon province in Romania.
- 1,221 km<sup>2</sup> acreage with 40 identified **oil & gas** lead & proven oil and gas basin!
- Additional Seismic has generated 3 prospects ready for drilling. More prospects expected after further seismic



*Map of Romania with ADX prospecting licenses (red) and Parta concession (yellow)*



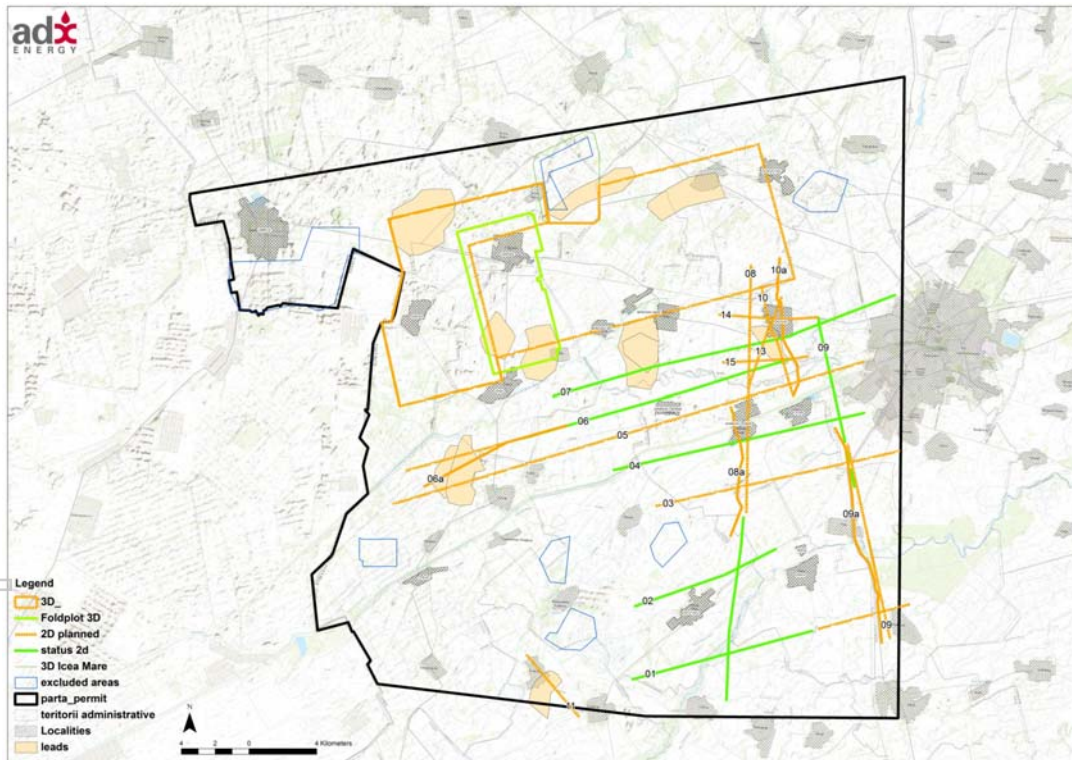
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# Onshore Romania

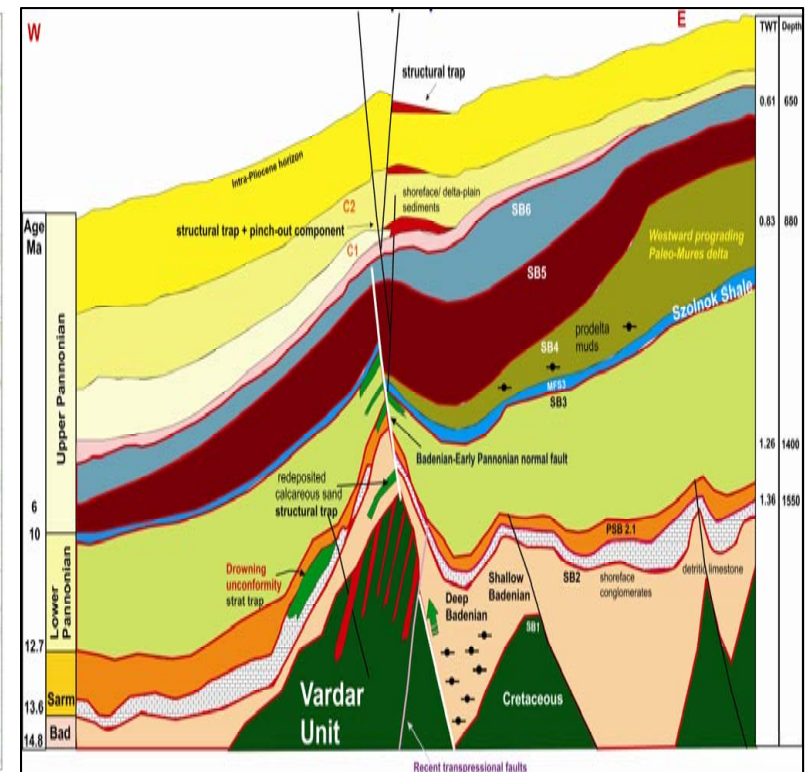
## Parta Block – 50% ADX Operated



### Parta Permit 2D and 3D Planned Seismic Program

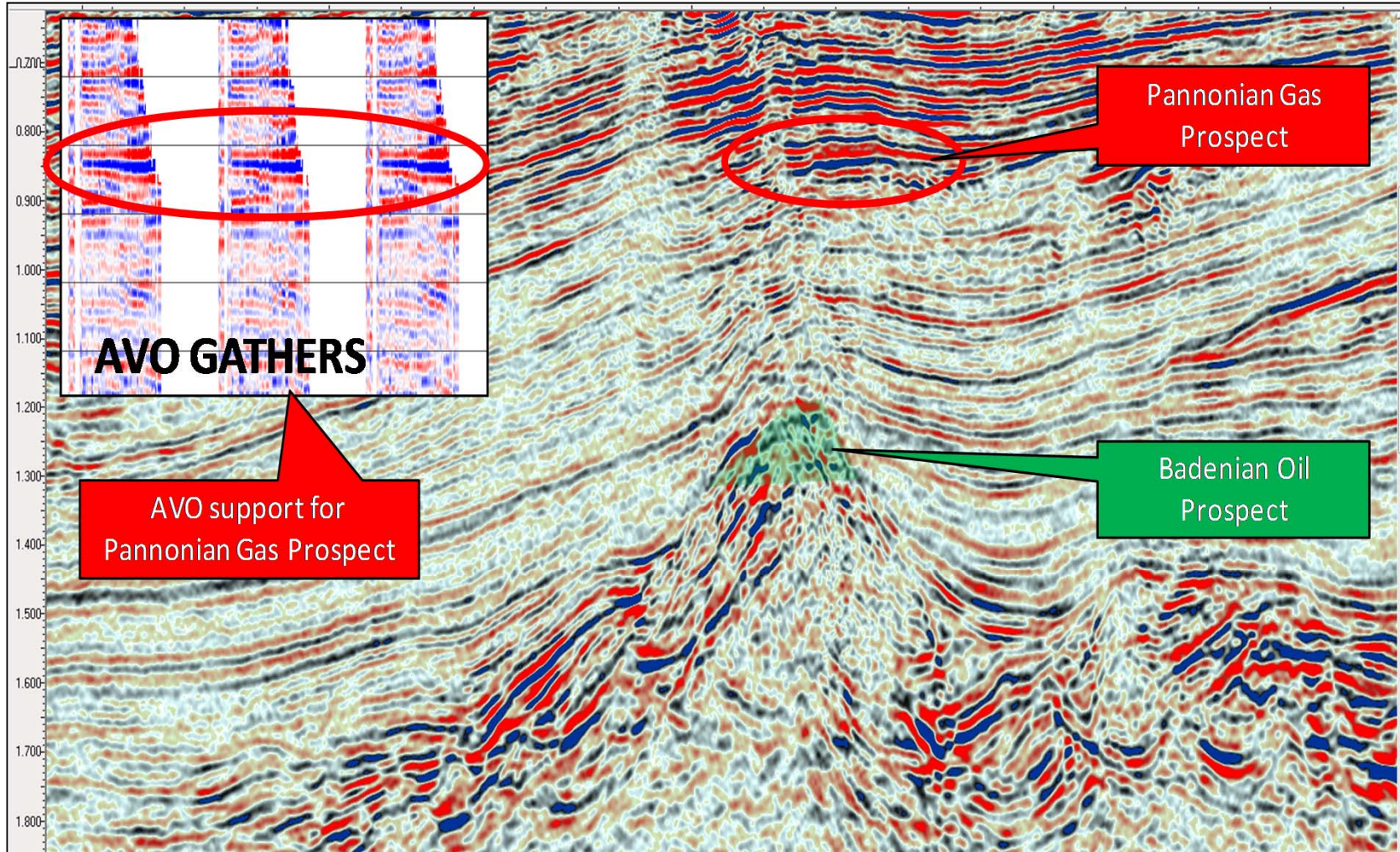


### Cross Section Highlighting Potential Oil and Gas Targets



# Onshore Romania – Parta permit

seismic section showing shallow gas and deeper oil target



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# Onshore Romania

## Parta Block – 50% ADX Operated



### Resource Estimates for top Three Drill Ready Prospects

Gross <sup>1</sup> Prospective Resources		LOW	BEST	HIGH
GAS	[bcf]	10.3	38.5	83.0
Oil	[mmbbls]	2.4	8.1	16.8
<b>TOTAL in Mmboe<sup>3</sup></b>		<b>4.1</b>	<b>15.0</b>	<b>31.6</b>

Net <sup>2</sup> to ADX Prospective Resources		LOW	BEST	HIGH
GAS	[bcf]	5.2	19.6	41.5
OIL	[mmbbls]	1.2	4.1	8.4
<b>TOTAL in Mmboe<sup>3</sup></b>		<b>2.1</b>	<b>7.6</b>	<b>15.8</b>

#### Notes Regarding Resource Assessments

<sup>1</sup>**Gross:** Prospective (recoverable) Resources attributable to 100% joint venture interest

<sup>2</sup>**Net:** Prospective (recoverable) Resources attributable to the ADX operated 50% joint venture interest

<sup>3</sup>**MMboe:** Million barrels of oil equivalent. Conversion factor: 1bcf of gas is 0.178 MMboe

<sup>4</sup> The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both a risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence a significant quantity of potentially moveable hydrocarbons.

# Onshore Romania

## Forward Plan



- **Parta permit farm-out** **Q4 2014**
- **Drill 2 Parta permit onshore wells** **Q2 2015**
- **Parta permit further Seismic and Prospect definition** **Q1 2015**
- **Further Parta permit Drilling** **Q4 2015**
- **New Ventures gazettal's** **Ongoing**

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# Near Term Activity Summary

## “Potential for a Re-rating”



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- **Romania**
  - **Parta Permit farm-out** **Q4 2014**
  - **Drill 2 onshore wells** **Q2 2015**
  - New Ventures gazetta's **Ongoing**



# Key Messages



- **Significant contingent resource potential at Dougga 173mmboe (Best Case) with large mapped upside from updip potential.**
- **Near field oil target at Dougga West covered by high resolution 3D seismic**
- **Material equity interests across all assets (50% to 100%) with drill ready prospects**
- **Proven operatorship capability and track record of successful farmouts**
- **Funding via farmouts to fund drilling activity**
- **Highly experienced management team**

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## Persons compiling information about Hydrocarbons.

Pursuant to the requirements of the ASX Listing Rules 5.41 and 5.42, the technical and resource information contained in this presentation has been reviewed by Paul Fink, Technical Director of ADX Energy Limited. Mr. Fink is a qualified geophysicist with 23 years of technical, commercial and management experience in exploration for, appraisal and development of oil and gas resources. Mr. Fink has reviewed the results, procedures and data contained in this presentation and considers the resource estimates to be fairly represented. Mr. Fink has consented to the inclusion of this information in the form and context in which it appears. Mr. Fink is a member of the EAGE (European Association of Geoscientists & Engineers) and FIDIC (Federation of Consulting Engineers)

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