# Clean Energy For the MENA Region's Tomorrow



**Dana Gas Investor Presentation** 

November 2013

## Forward Looking Statement



This presentation contains forward-looking statements which may be identified by their use of words like "plans," "expects," "will," "anticipates," "believes," "intends," "projects," "estimates" or other words of similar meaning. All statements that address expectations or projections about the future, including, but not limited to, statements about the strategy for growth, product development, market position, expenditures, and financial results, are forward looking statements.

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### **Presentation Outline**

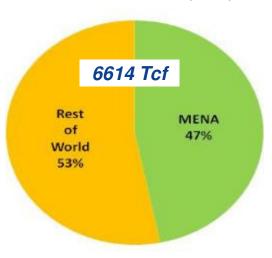


- The MENA Region and its relevance
- Dana Gas: A Brief Overview
- Recent Performance
- Country Operations
- Valuations
- Summary

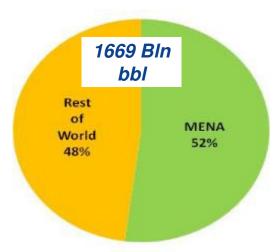
# Focused on a region that holds the largest share of global conventional oil & gas reserves and production



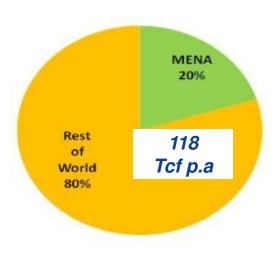




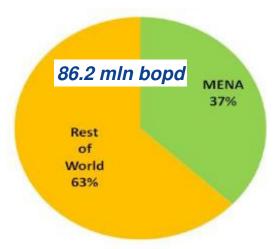
Proved Oil Reserve (2012)



Global Gas Production (2012)



Global Oil Production (2012)



#### Countries included:

Iran, Iraq, Saudi Arabia, United Arab Emirates, Qatar, Kuwait, Oman Syria, Jordan, Egypt, Libya, Tunisia & Algeria

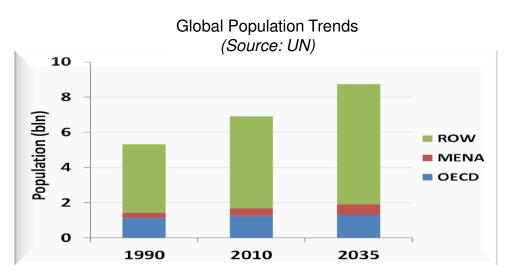
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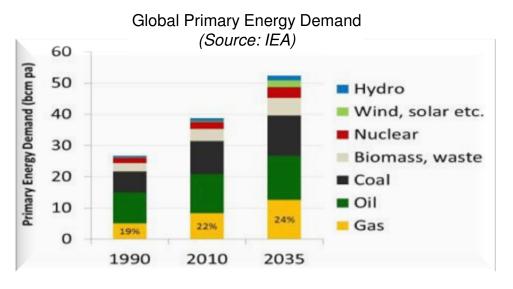
Source: BP Statistical Review 2013

# Natural Gas fast becoming the Fuel of Choice for the growing energy demand in MENA and else where



- Growing economies fueling demand for energy
- Increased demand for denuclearization
- 70% less CO2 than coal in power generation (old plants)
- Small physical footprint versus coal, nuclear or renewables
- Able to operate near full capacity reliably all the time
- Increasing pan-geographic pipeline connectivity and growing LNG trade addressing cross-border product demand
- Globally, in 2012 c.25 bn boe of discoveries were made, of which, c.70% were natural gas (100 TCF)
- 250+ years of conventional / unconventional (shale gas) reserve life

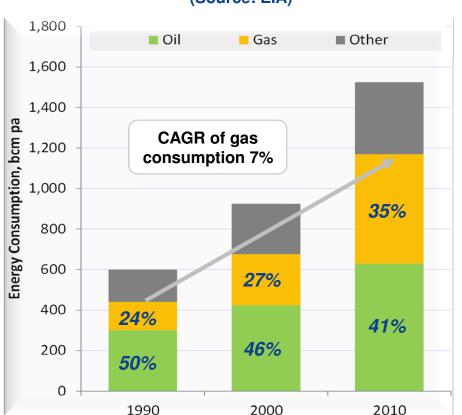




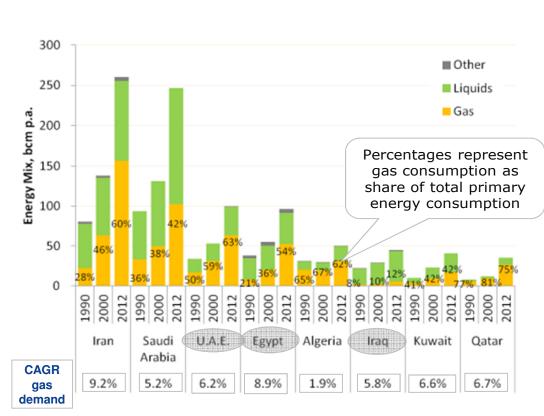
### Fast growing domestic demand in MENA







# MENA Country Primary Energy Mixes<sup>3</sup> (Source: BP Statistical Review 2013 & IEA Data)



- Growing primary energy needs boost gas demand
- There is a switch from oil to gas in local economies as they preserve oil for exports





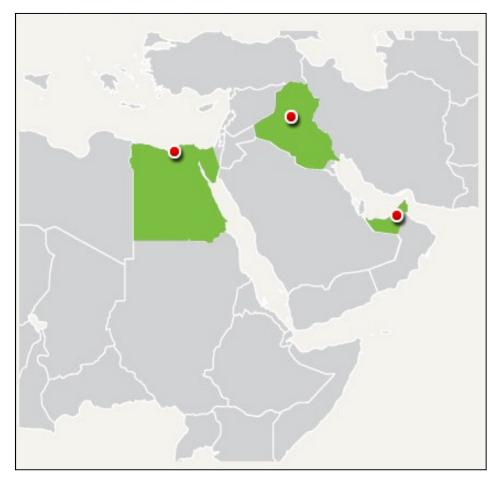
**Dana Gas: A Brief Overview** 

## Independent E&P company listed on the ADX



- Dana Gas is a MENASA focused gas independent headquartered in the UAE
- Dana Gas is quoted in the UAE stock exchange (Abu Dhabi Securities Exchange). Bloomberg: DANA:UH
- Shares outstanding: 6,602 million
   Market capitalisation: approx. \$1.2 billion
   Enterprise value: \$1.8 billion
- Net Debt/(Cash)1: \$629 million
- Current Production: 63.4 kboed (9M 2013)
- 2P Reserves2: 147 mmboe
- Strong Corporate Governance structure and a unique pan-MENA Board of Directors access to business opportunities in the world's largest hydrocarbon region

#### Dana Gas is operating at the heart of the World's Largest Hydrocarbon region



# Board of Directors consisting of luminaries from the MENA region provide unparalleled access to key markets





Dr. Adel Al Sabeeh
Chairman
KUWAIT
Former Oil Minister of
Kuwait, Chairman & MD of
National Industries Company
(NIC)



Dr. Tawfeeq Al Moayed
Deputy Chairman
BAHRAIN
Chairman of T.A. Almoayed
& Sons W.L.L. and Chairman
of Almoayed Wilhelmsen



Hamid Jafar
UAE
Chairman of Crescent
Group of Companies



Sheikh Sultan Bin Ahmed
Al Qasimi
UAE
Deputy Chairman of Sharjah
Petroleum Council &
Chairman of Sharjah Pipeline



Ahmed Al Arbeed
KUWAIT
Former Chairman of Board
of Directors of Kuwait Oil
Co. (KOC), GM of Seven
Sisters Company



Saeed Arrata
EGYPT
Chairman of Sea Dragon
Energy Company



Ziad Galadari
UAE
Founder & Chairman of
Galadari Advocates & Legal
Consultants



Majid Jafar
Managing Director of the
Board - UAE
CEO of Crescent Petroleum,
and Vice-Chairman of the
Crescent Group of
Companies



Executive Director
UAE
Former GM of ADGAS, Board
Director of Emirates General
Petroleum Corporation,
Oman Insurance Company
and DIFC Investments



Abdulaziz Al Jomaih SAUDI ARABIA MD of International Investments of Aljomaih Group

# Board of Directors consisting of luminaries from the MENA region providing unparalleled access to key markets





Abdullah Al Majdouie SAUDI ARABIA Group President and Vice Chairman of the Almajdouie Group



Ahmed Al Midfaa
UAE
Chairman of Sharjah
Chamber of Commerce &
Industry, Expo Centre
Sharjah and Ruwad
Establishment in Sharjah



Varouj Nerguizian UAE ED & GM of Bank of Sharjah, Chairman and GM of Emirates Lebanon Bank SAL



Nasser Al Nowais
UAE
Chairman of Rotana Hotels,
MD of Abu Dhabi Trade
Centre



Salah Al Qahtani SAUDI ARABIA Vice Chairman of Abdel Hadi Abdullah Al-Qahtani & Sons Group of Companies



Khalid Al Rajhi SAUDI ARABIA CEO of Al-Rajhi Partners & Al- Rajhi Holdings



Rashad Al Zubair
OMAN
Chairman of The Zubair
Corporation

## Portfolio with substantial upside















#### Dana Gas Egypt

100% operator of production, exploration and developments in the Nile Delta and 50% joint operator in Upper Egypt.

#### Gulf of Suez

LPG extraction plant came onstream early August 2012

#### UAE



#### Sharjah Offshore

100% operator of Zora Field development ongoing

#### Iraq



#### Kurdistan Region

40% interest in Khor Mor field delivering gas at 330MMscfd (gross) to two power stations plus 16,000 bpd condensate with capacity to produce 900 M.ton per day of LPG

LPG prod started Jan 2011

Appraisal & development planning of Chemchemal field

A regional focus on the Middle East, North Africa, South Asia (MENASA) region.

Activities across the gas value chain (upstream, midstream and downstream).

www.danagas.com

#### UAE



#### Gas Project

Project awaits commencement of gas deliveries to process, market and distribute gas and associated products in UAE

# Proven track record based on top class exploration, accelerated development and inorganic opportunities



#### **Value Delivery Model**

#### **Exploration**

√ Nile Delta Exploration 2007-2012 (47 exploratory wells with success rate of 53%)

#### M&A

√ Centurion Energy (2006) - \$1.1 billion

√ Pearl Petroleum (2009) – Farm out to MOL & OMV - \$370 million

> √ Komombo farm-out (2009) – \$45 million

#### **Project Delivery**

√ Nile Delta Production (2007-

√ Kor Mor 180k.m. onshore pipeline + Gas production (2008 -

√ Kor Mor LPG plant (2010 -

√ UAE subsea pipeline + gas sweetening plant (2006 -

√ Egypt LPG plant (2012 -

#### Drill bits success

- Nile delta exploration success
- Reserve growth

#### M&A

- Egypt entry: acquisition of Centurion Energy
- KRI partnership structure in Pearl Petroleum for long term gas monetisation
- Komombo farm out

#### Project Delivery

- Timely completion and on budget on key projects
- Production build up in Egypt
- Fast track KRI development
- Nile Delta development (best-in-class discovery-to-gas of 12 months; Allium production commenced in 3 months)
- Managed investments in sync with receivables

#### Major financial transactions

- IPO in 2005 attracting \$78 billion
- \$ 1 billion Sukuk issue in 2007
- \$ 850 million Sukuk restructuring in 2013

### International and Experienced Management Team





# Patrick Allman-Ward CEO

Over 30 years in the Oil & Gas business. Held senior roles at Shell as VP Exploration Asia-Pacific, CEO and Board Director of the South Rub Al Khali Company (JV between Shell, Total & Saudi Aramco). Width of experience spanning the entire upstream value chain from exploration to project management to delivering sustainable returns across multiple geographies in the Far East, Middle East, Europe and Africa



#### Rashid Al Jarwan Executive Director

Over 35 years in Oil & Gas, held the position of Acting CEO and GM in Dana Gas. Board of Directors at Emirates General Petroleum Corporation, Oman Insurance Company and DIFC Investments. Also held various executive and technical positions in ADNOC Group of companies for 28 years. Served as a Board Member of the National Petroleum Construction Co., the National Drilling Co. & Sharjah Industrial Development Co.



#### Mark Fenton DGE– General Manager

Over 28 years of experience in operating oil and gas companies, 17 years of which working with Shell International. He has experience in both offshore and onshore oil field developments, particularly in the Middle East. He has held a range of technical, management and executive positions in oil companies. He is Member of the Society of Petroleum Engineers (SPE)

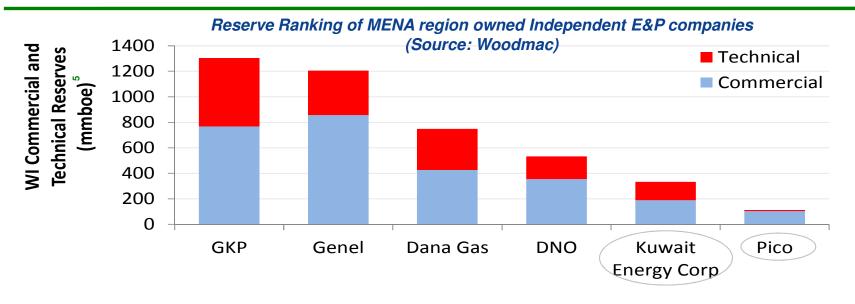


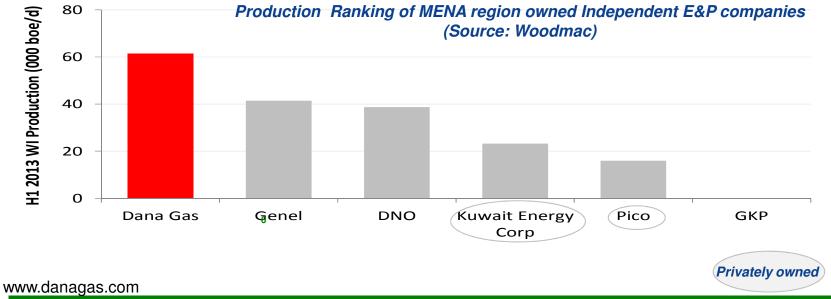
# Robinder Singh IR Director

Over 25 years of international experience in Investor Relations, marketing and corporate communications, product management and business development with Reliance Industries, HSBC and Bank of America. Experienced in multiple billion dollar financial transactions; developing investor support for large scale capital raising programmes and a range of mergers and acquisitions

# Largest independent gas producer amongst regionally owned peers

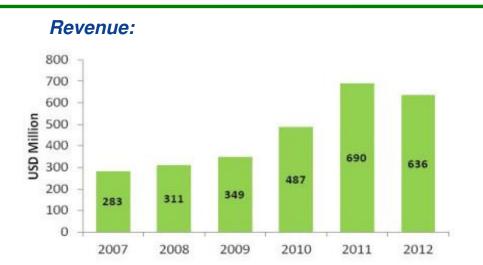


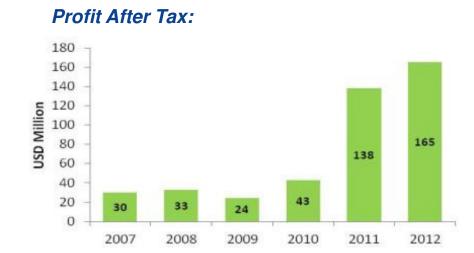




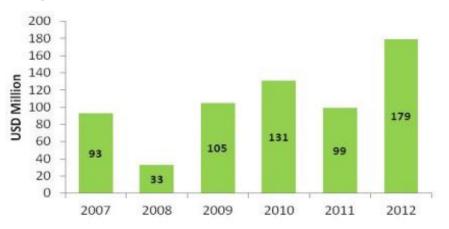
## Key Financial Metrics have doubled in 6 years



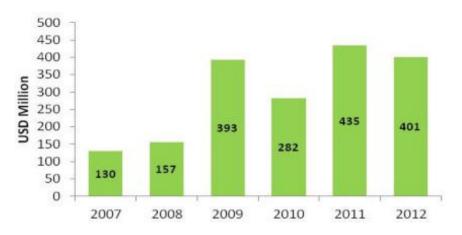




#### **Operations Cash Flow:**



#### **EBITDAX**:





# **Dana Gas: Recent Performance Highlights**

### 3Q/9M 2013 Performance Highlights



#### **Production**

- Group production up at 63,400 BOEPD, up by 6% on a year-on-year basis
- In Egypt, total production up 16% to 36,100 BOEPD and in July 2013 achieved highest production (39,000 BOEPD) since 2011
- Production in Kurdistan Region of Iraq remained flat at just over 27,000 BOEPD

#### **Financials**

- Profit After Tax of \$ 121 million for 9M 2013, decline of 10% on a year-on-year basis due to weaker hydrocarbon prices and suspension of LPG since mid 2012. LPG capacity has been restored in July 2013
- \$ 132 million collected in 9M 2013 compared to \$ 229 million in 9M 2012. Collections were mainly lower in Egypt which was negatively impacted by macro economics during the period.

### 9M 2013 Financial Performance



(In \$ million)	9M – 2013	9M – 2012	Percentage Change	
Gross Revenue	466	482	(3)	
Net Profit	121	134	(10)	
EBITDAX	261	311	(16)	
EPS (AED fils)	6.7	7.5	(11)	

- Higher production in Egypt offset by lower hydrocarbon prices in 9M 2013 and suspension of LPG production in KRI since June 2012
- Decline in revenue and higher cost of sales impacted net profit, which was lower by 10%
- EBITDAX lower by 16%



# **Dana Gas: Country Business Highlights**

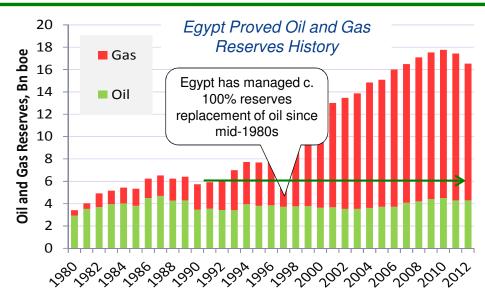
### **Egypt: Business Environment**

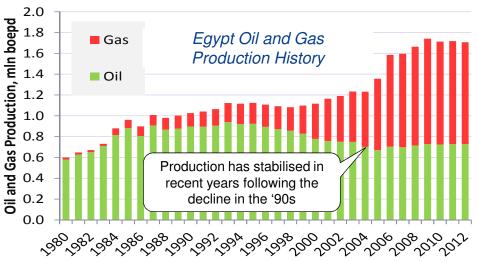


- Economic and political situation appears to be gradually stabilizing
- Egyptian government continues to confirm its commitment to subsidy removal including implementation plans for high consumption industrials by end 2013
- Staring to see signs of consolidation Apache sale to Sinopec announced
- Government appears focused on attracting new investment in exploration and production assets
- Aim to reduce reliance on domestic production tender for LNG receiving facilities via Floating
   Storage Regasification Unit recently issued
- Egyptian government has confirmed commitment to pay down receivables by the end of Q4
  announcing plan to allow producers to set-off receivables against direct export production and other
  measures to reduce debt

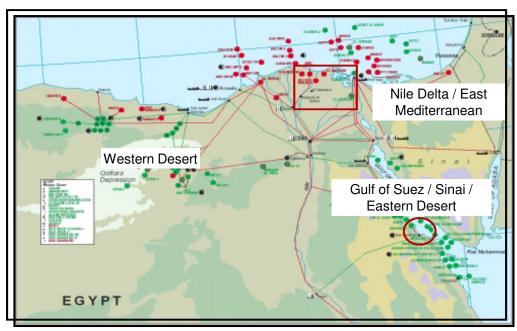
## Meaningful position in rich hydrocarbon zones in Egypt







#### Dana Gas focus area in Egypt

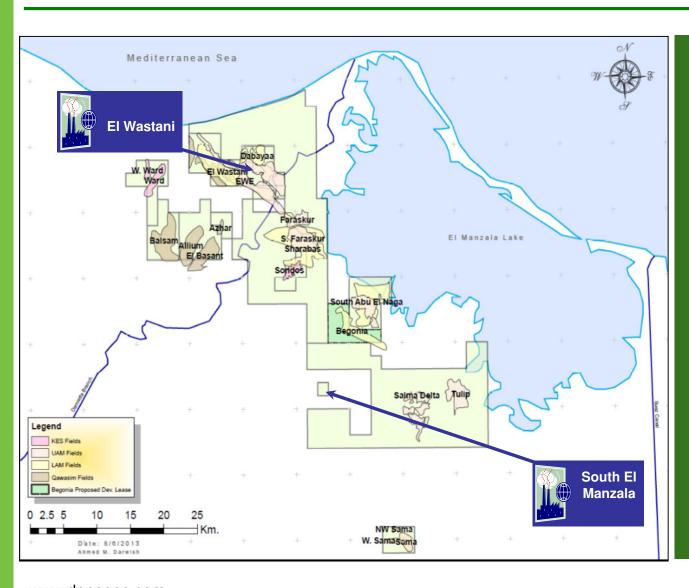


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Source: BP Statistical Review 2013

## **Egypt: Nile Delta Operations**





# New Development Leases under Ministerial approval:

- El Basant Amendment (Allium)
- Balsam
- Begonia

#### Av. Production Rate (3Q13):

- 39.4 kboepd luca (+14.7%)

#### **Projects in Progress:**

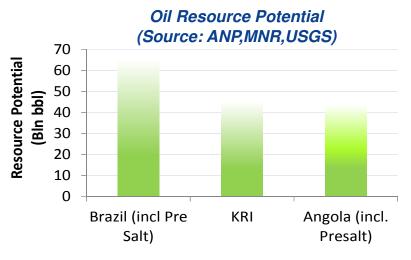
- El Basant Compression Station ETD: 2H2014
- EW Capacity De-bottlenecking (200mmscf/d of rich gas) ETD: 1H2014
- Salma/Tulip tie-in ETD: 1H2014

#### **Drilling:**

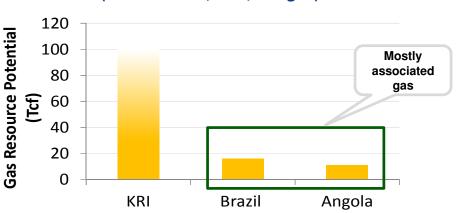
3 wells (1 dev + 2 sidetrack) Added production: 2.4 kboepd

# Largest Investor and gas producer in high-potential Kurdistan Region of Iraq



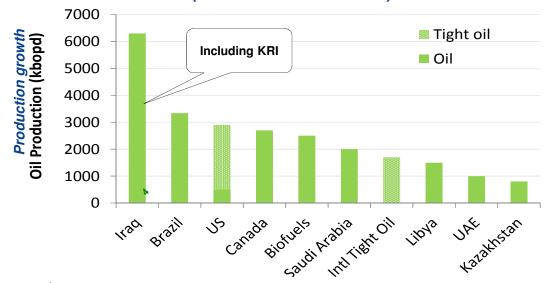


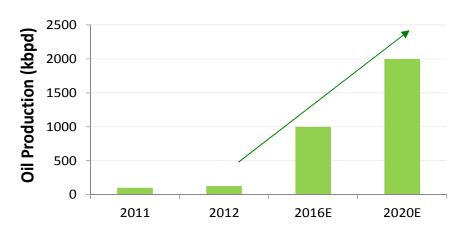
Gas Resource Potential (source: MNR, ANP, Songas)



Top 10 sources of production growth in 2012-2030 (Source: IEA & Woodmac)

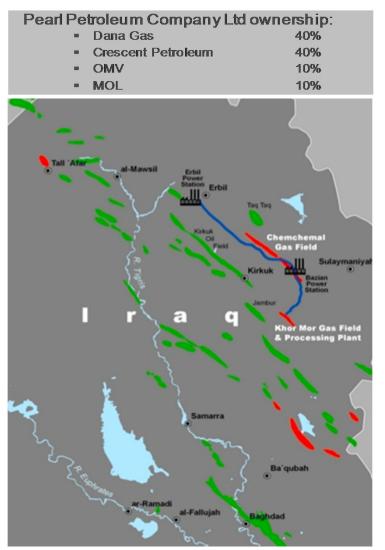
KRI production growth (source: KRG,MNR)



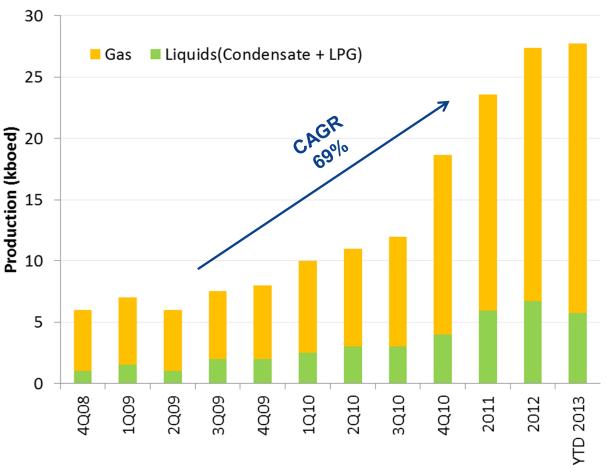


# Rich gas and condensate producer with strong growth track record





#### Kor Mor Field Production, Dana Gas net share



## Operations in Kurdistan Region of Iraq





- Total net production averaged at 27,133 BOEPD during 3Q 2013:
  - √ 132 MMSCFD of natural gas
  - ✓ 5,210 Bbl/D of condensate
- Completed the new LPG loading bay resulting in restoration of the facility with capacity of 900 MT on July 17, 2013
  - ✓ System fully tested
  - MNR advised by letter that LPG facility is commercially ready for operations

# Dana Gas Kurdistan Assets – Substantial Resources Upside\*

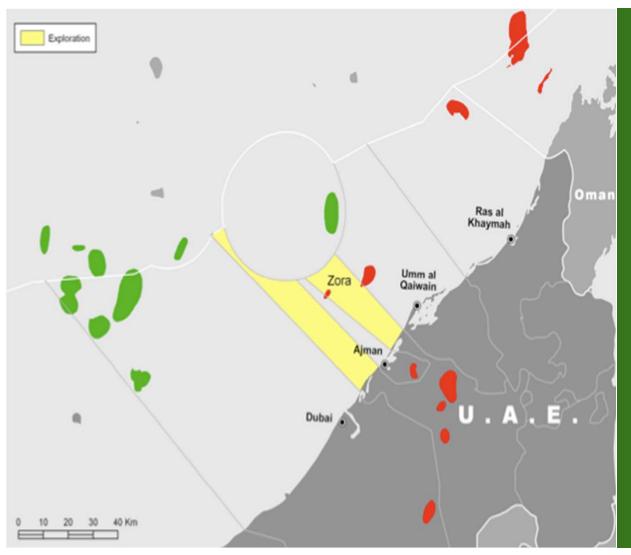


- Pearl Petroleum appointed Gaffney, Cline & Associates Limited (GCA), to provide an estimate of hydrocarbons in-place as at 31st December, 2012 for both the Khor Mor and Chemchemal fields
- GCA have estimated the gas initially in-place volumes (unrisked\*) for 12 Khor Mor and 3 Chemchemal fault blocks
- Dana Gas has calculated an aggregated arithmetic sum Best Estimate (P50) volume of 22 Tscf for Khor Mor and 30 Tscf for Chemchemal fields. Dana Gas' 40% share of these Best Estimate in-place volumes for Khor Mor and Chemchemal combined corresponds to 20 Tscf
- The GCA report also indicates that both fields have considerable additional upside potential
- GCA report also stated that certain Khor Mor fault blocks may contain oil instead of gas and determined oil
  initially in-place volumes (unrisked\*) for these individual blocks
- Dana Gas has calculated an aggregated arithmetic sum Best Estimate (P50) in-place oil volume (unrisked\*)
  of around 1.8 billion barrels, in place of around 3 Tscf of gas in these blocks

<sup>\*</sup> Note that a risk factor accounting for geological and commercial uncertainties has not been assessed or applied at this time. However, both fields are surrounded by producing oil and/or gas fields which calibrates and reduces the geological and reservoir risks. The reported hydrocarbon volumes are estimates based on professional judgment and are subject to future revisions, upwards or downwards, as a result of future operations or as additional information becomes available.

## UAE: Zora Gas Field Development Update





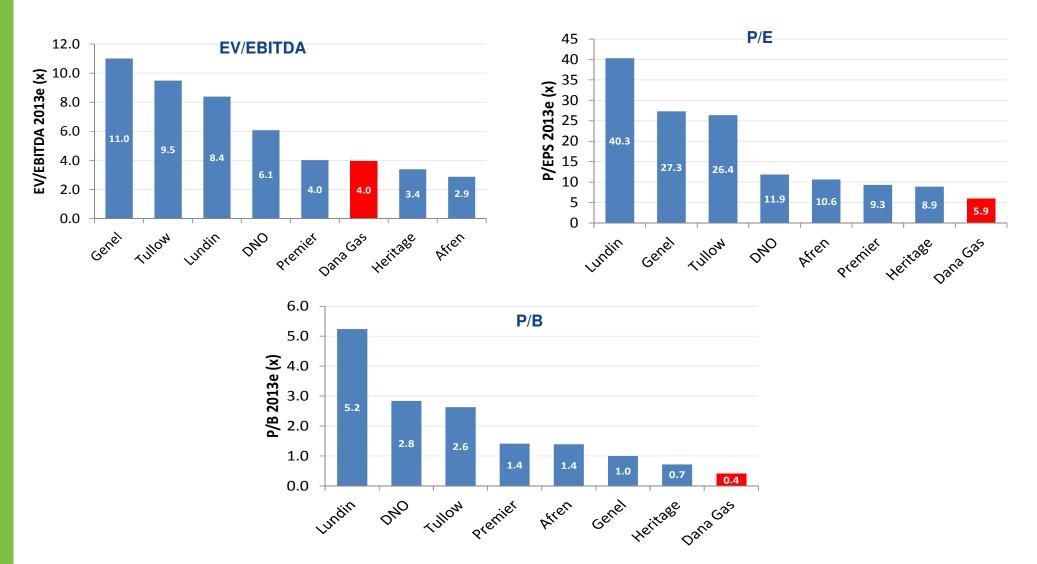
- Proven shallow water Gas Field across Sharjah & Ajman
- Long term concession agreement in place
- Project scope includes the following:
- Offshore platform
- Offshore & Onshore Pipeline (35 km offshore & 2.5km onshore
- Gas Treatment Onshore Plant (to receive 40 MMSCFD of gas and 300 bbl/day associated hydrocarbon condensate
- Offshore platform fabrication contract final negotiations under way.
- Contracting strategy for other scopes complete
- Terms sheet for project financing are in the process of being agreed with a prominent local bank



### **Dana Gas: Relative Valuations**

## Significantly undervalued relative to peers

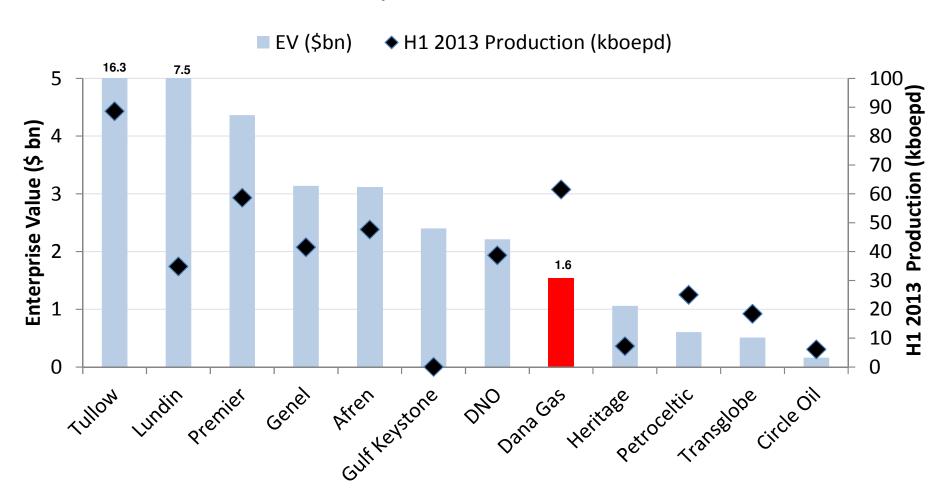




## EV and Production valuation relative to peers

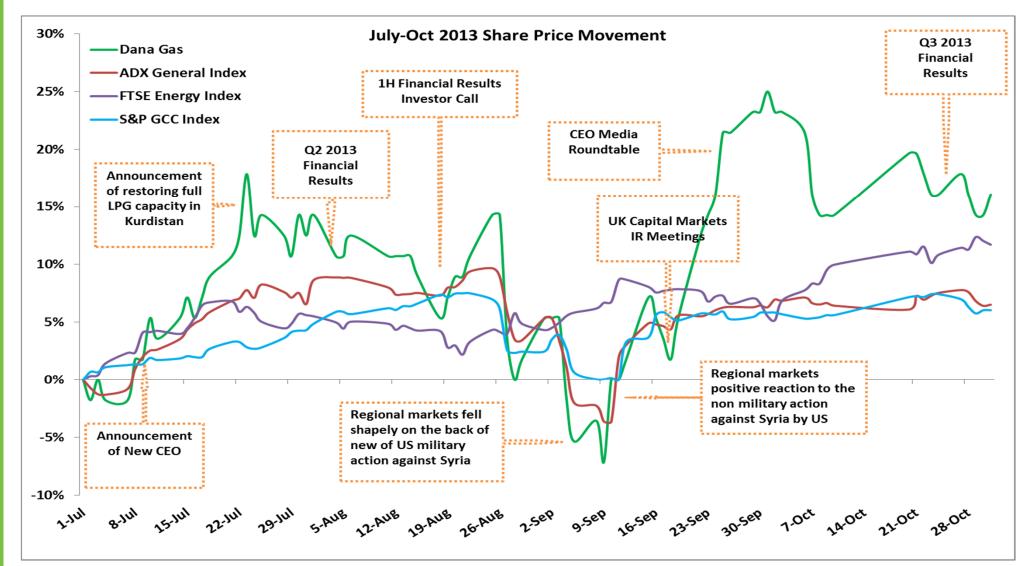


#### **Enterprise Value vs. Production**



# Recent developments positively impacting stock performance







# **Summary**

### Summary



- Strong operational track record of organic and inorganic growth across the natural gas value chain
- Unique composition of the Board of Directors and network of relationships providing unparalleled access to the resource-rich MENA region
- Track record of project delivery and HSSE performance across geographies
- Delivering sustained growth across key financial metrics supported by a strong balance sheet
- Taking a cautious approach towards capital investments in sync with cash collections
  - Priority given to adding reserves and replacing production
- Continue to actively identify and evaluate organic growth opportunities in keeping with the Company's growth strategy



### **Reach Us:**

### **Dana Gas PJSC**

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# **Back-up Information**

### HSSE - On Track to Outperform Performance Metrics



- Exceeding targets in all aspects of HSE :
- On track to beat all the HSE metrics on our Group scorecard, but do not under estimate what needs to be done to maintain this level of performance
- Significant progress in closing out audit actions following a Group audit of Egypt in 2012
- Placement of senior technical leaders in both Egypt and Kurdistan enabling us to drive down operating risks and improve reliability

KPI	12 months rolling to September 2013	End 3Q 2013	End 3Q 2012	2013 target <sup>1</sup>
Fatalities	0	0	5	0
Recordable Injury Frequency <sup>2</sup>	0.27	0.30	1.10	0.603
Loss of Primary Containment Incidents	27	15	55	50
Safety observations frequency <sup>2</sup>	248	181	159	230

<sup>2013</sup> target versus 12 month rolling data

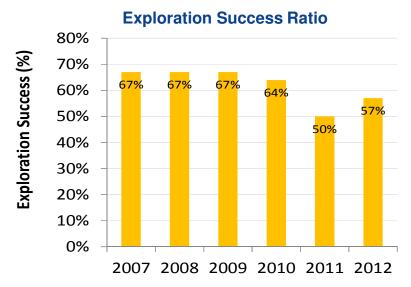
Against 200,000 man hours

<sup>3 2012</sup> OGP benchmark of 0.34

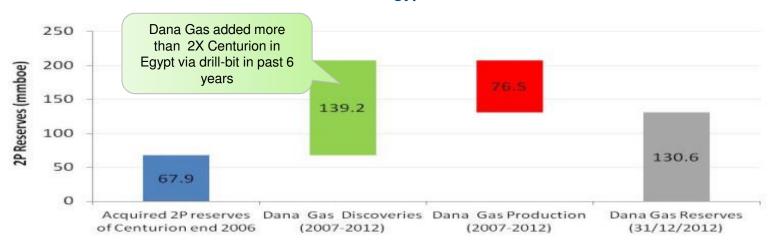
# Achieved significant success in Egypt following a successful acquisition



- Dana Gas has added c.140 mmboe of reserves since acquisition in 2007
- Centurion 2P reserves were at c.67.9 mmboe at the time of acquisition
- Dana Gas produced c.76.5 mmboe since 2007 in Egypt
- Dana Gas 2P reserves in Egypt stood at 130.6 mmboe at 31.12.2012

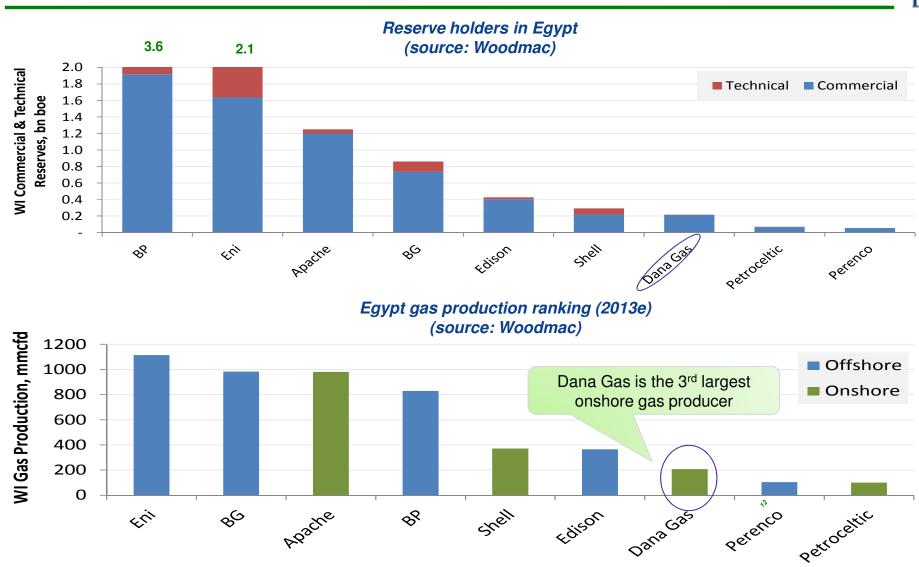


#### **Dana Gas Egypt Reserve Evolution**



## Established itself as a key onshore gas player in Egypt

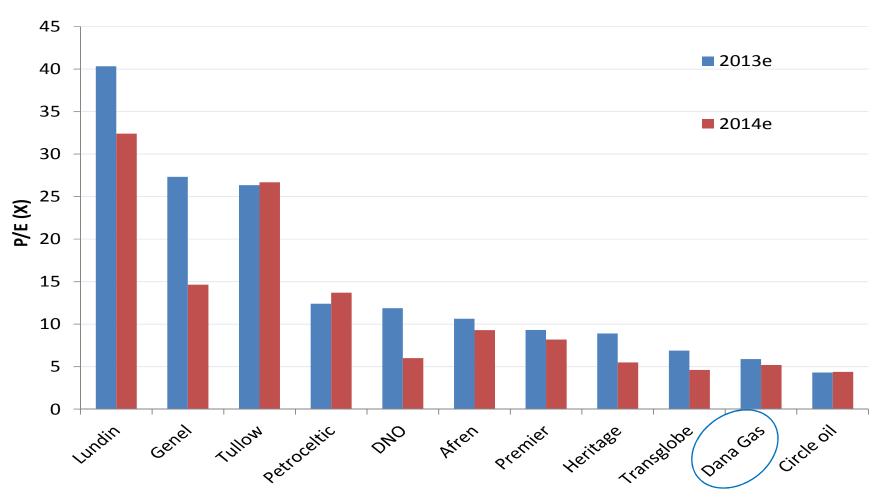




# Significantly undervalued relative to listed peers in international markets







www.danagas.com

Source: Bloomberg Consensus



## The End