



# *Albania*

## *Hydrocarbon Activity*



Dr Sotirios Kapotas  
President & CEO  
Stream Oil & Gas Ltd

**2<sup>nd</sup> SE EUROPE UPSTREAM WORKSHOP**

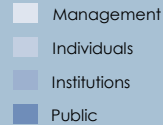
Athens, Greece



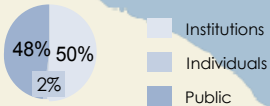
# ALBANIAN OIL & GAS CONCESSIONS



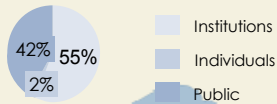
- Market Cap.: NIS 718 million
- 863 million shares outstanding
- Owens 51% of Emanuele Adriatic Energy Ltd., which owns the Albania exploration blocks
- Subsidiary of ILDC (holding):**



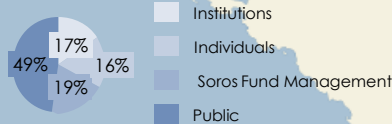
- 253 million shares outstanding
- 267 million fully diluted shares
- Production: 15,400 bopd
- Reserves (2P): 256 million barrels
- Market Cap.: CDN\$792 million



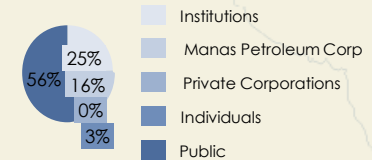
ITALY



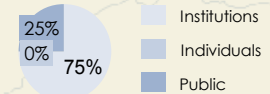
- Market Cap.: USD\$219 million



- PIIP: 2.2 billion BOE
- Market Cap.: CDN\$107 million
- 631 million shares outstanding
- 833 million fully diluted shares



- Blocks 2&3:
- Farm-in 50% Participation Interest
- USD 56 million carry



- Production: 814 net boepd ave. (1,800 peak)
- Reserves (2P): 24.8 million barrels
- Market Cap.: USD\$56.6 million
- 66.6 million shares outstanding
- 73.5 million fully diluted shares



- Cairn Energy
- Market Cap GBP 1,004 million
- 602 million shares outstanding



85%

## Legend - Albania

Blocks	Pipelines	Facilities
Oil field	Oil	Onshore Facility
Oil and Gas field; Oil, Gas and Condensate field	Oil and Gas	Onshore Facility (Proposed)
Oil and Condensate field; Oil, Condensate and Gas field	Oil and Condensate	Terminal
Gas field	Gas	Refinery
Gas and Oil field; Gas, Oil and Condensate field	Gas and Condensate	T-Junction
Gas and Condensate field; Gas, Condensate and Oil field	Condensate	Miscellaneous
	Water	Capitol
	Reservoir Management	Wells
	Other	

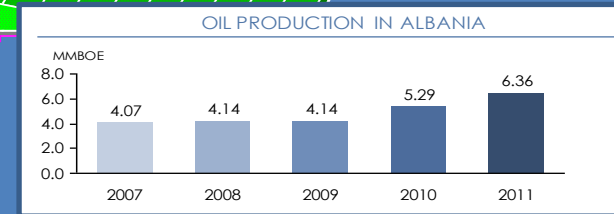
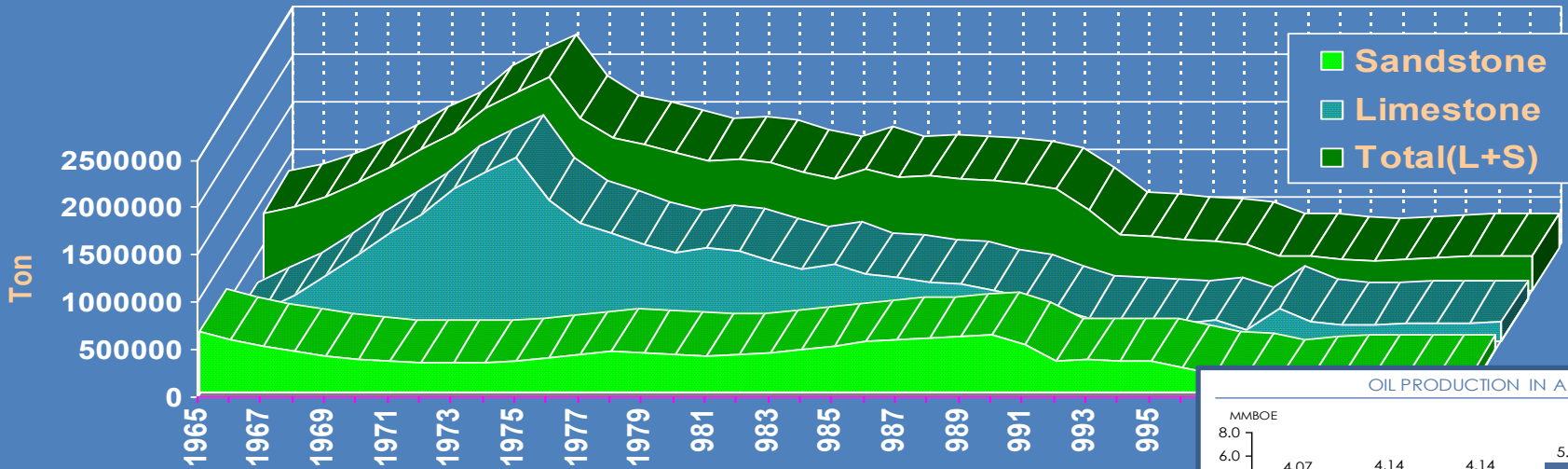
Produced using RetiView North Africa and Mediterranean, October 2012. © Delors LLP 2012



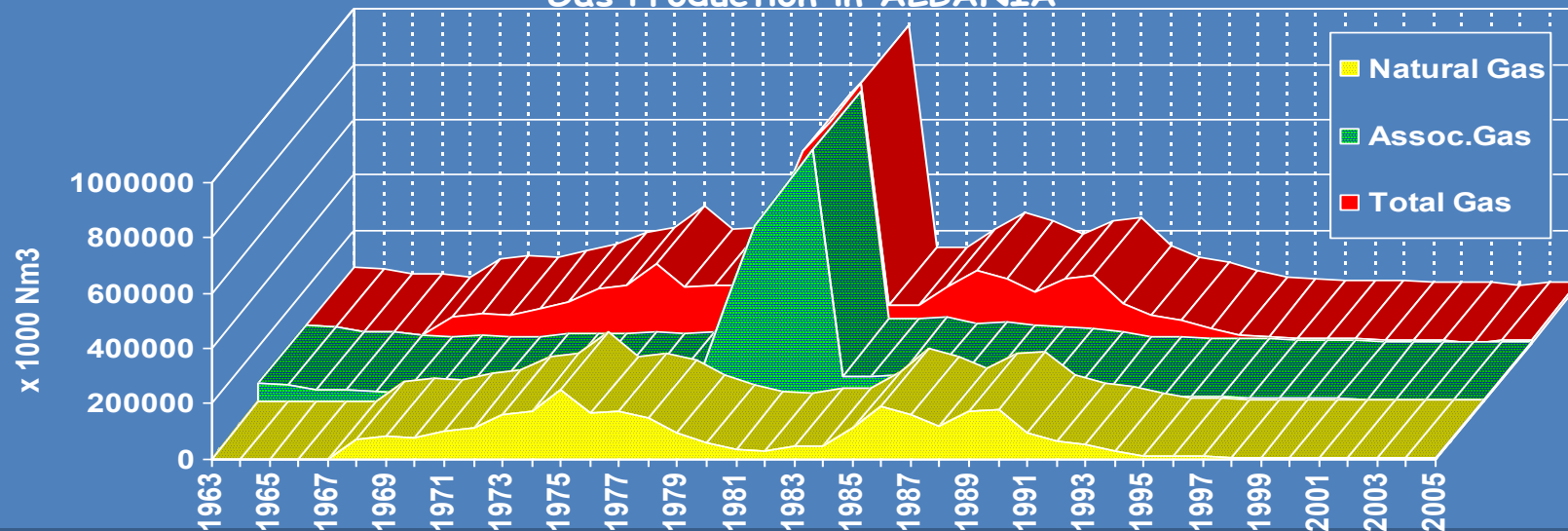
# HISTORICAL REVIEW OIL & GAS FIELDS IN ALBANIA

Field	Discovery year	Reservoir type	Reservoir depth (m)	O/g gravity (api)	Sulphur content (%)
Drashovica	1918	Oligoc.flysch	100-200	Oil <10°	?
Patos	1927	Mess-clastics	Surf. To 1200	Oil (12-24°API)	2.5-6
Kucova	1928	Mess-clastics	Surf. To 1500	Oil (13-16°API)	4
Marinza	1957	Mess-clastics	1200-1800	Oil (12-35°API)	4-6
Visoka	1963	Cret/Eoc.Carb	800-1000	Oil (5-16°API)	5-6
Gorisht-Kocul	1965	Cret/Eoc.Carb	1000-2500	Oil (17°API)	6
Ballsh-Hekal	1966	Cret/Eoc.Carb	1000-3000	Oil (12-24°API)	5.7-8.4
Cakrran-Mollaj	1977	Cret/Eoc.Carb	3000-4500	Oil (14-37°API) Cond, 52°API	0.9
Finiq-Krane	1973	Cret/Eoc.Carb	800-2000	Oil (<10°API)	3.7-4.3
Delvina	1989	Cret/Eoc.Carb	2800-3400	Gas & Condensate	0.7
Divjaka	1963	Tort/clastics	2400-3000	Gas & Condens	Na
Ballaj-Kryevidh	1983	Plioc/clastics	300-1700	Gas	Na
Frakulla	1965	Mess/clastics	300-2500	Gas	Na
Povelca	1987	Mess/clastics	1800-3500	Gas & condens	Na
Panaja	1988	Mess/clastics	2500	Gas	Na
Ad-4 (offshore)	1994	Mess/clastics	2500-3100	Biogenic Gas & Cond, 54.3°API	Na
Sqepuri	2001	Cret/Eoc.Carb	4950	Oil (37°API)	2,3

## Oil Production in ALBANIA



## Gas Production in ALBANIA



# Stream Asset Overview

100% working interest in:

- 3 producing heavy oil fields (Ballsh, Cakran, Gorisht)
- Producing Delvina gas field with 3 sister structures in phase II exploration

Custody & full control of infield facilities, pipelines & infrastructure

- Connect SKO fields - key consumers - other Albanian fields

Adjacent assets

- Bankers (BNK), Petromanias (PMI.V), Sky Petroleum (SKPI)



# Oilfield Summary

## Cakran Oilfield:

- 25° to 37° API, 600 MMbbl OOIP
- Heterogenous field offers additional drill locations
- Jet / Hydraulic / PC pumps recompletions
- EOR field pilot progressing; commercial project ~ 2015

*8% Field  
Recovery  
to Date*

## Gorisht Oilfield:

- 15° to 23° API, 800 MMbbl OOIP
- PC pump recompletions / commercial H<sub>2</sub>O flood deployment
- WAG/thermal EOR opportunity (based on analogue reservoirs)
- Commercial EOR project ~ 2014

*17% Field  
Recovery  
to Date*

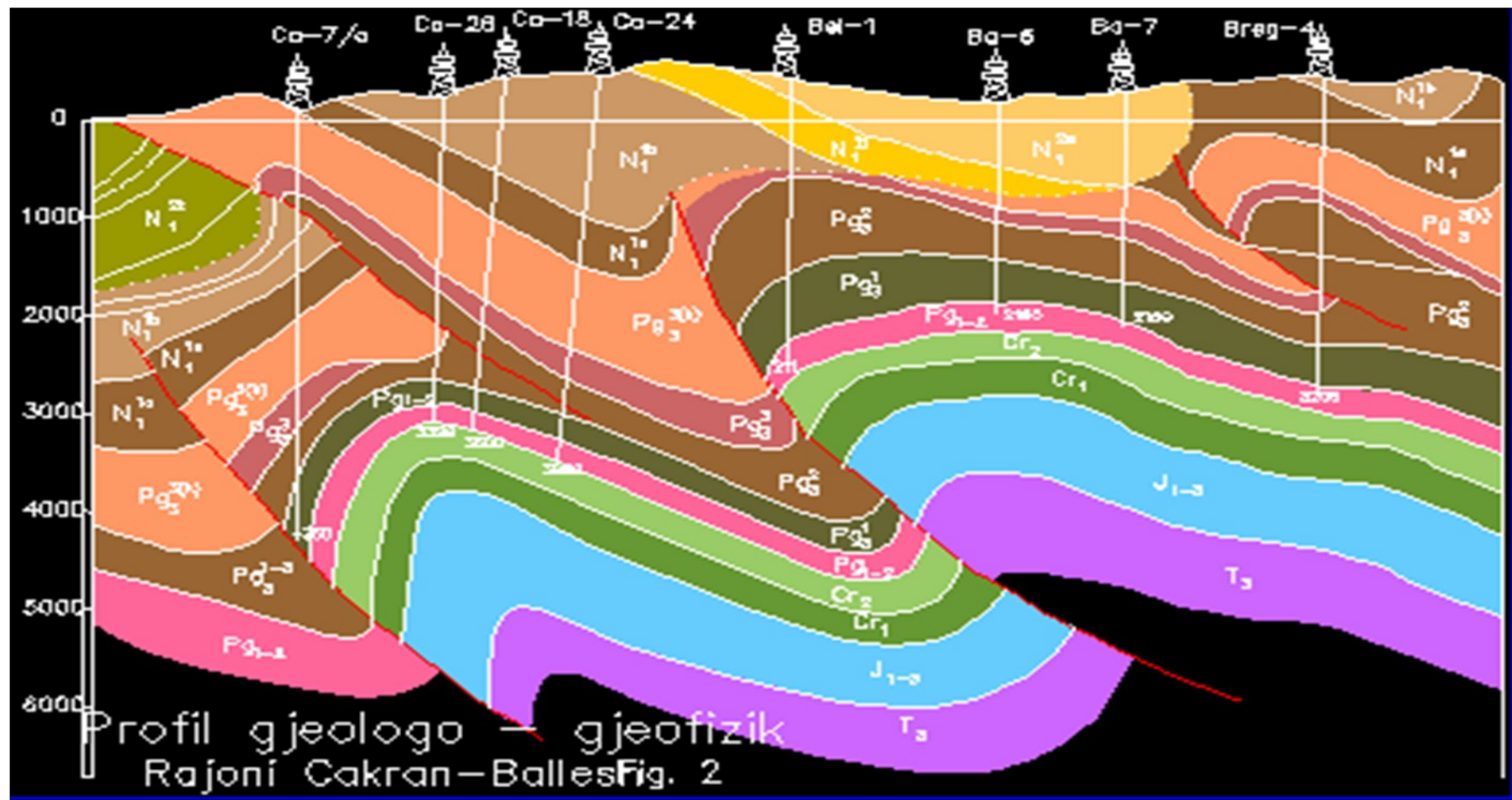
## Ballsh Oilfield:

- 12° API, 588 MMbbl OOIP
- PC pump recompletions
- Infill drilling opportunities to accelerate production
- EOR field project

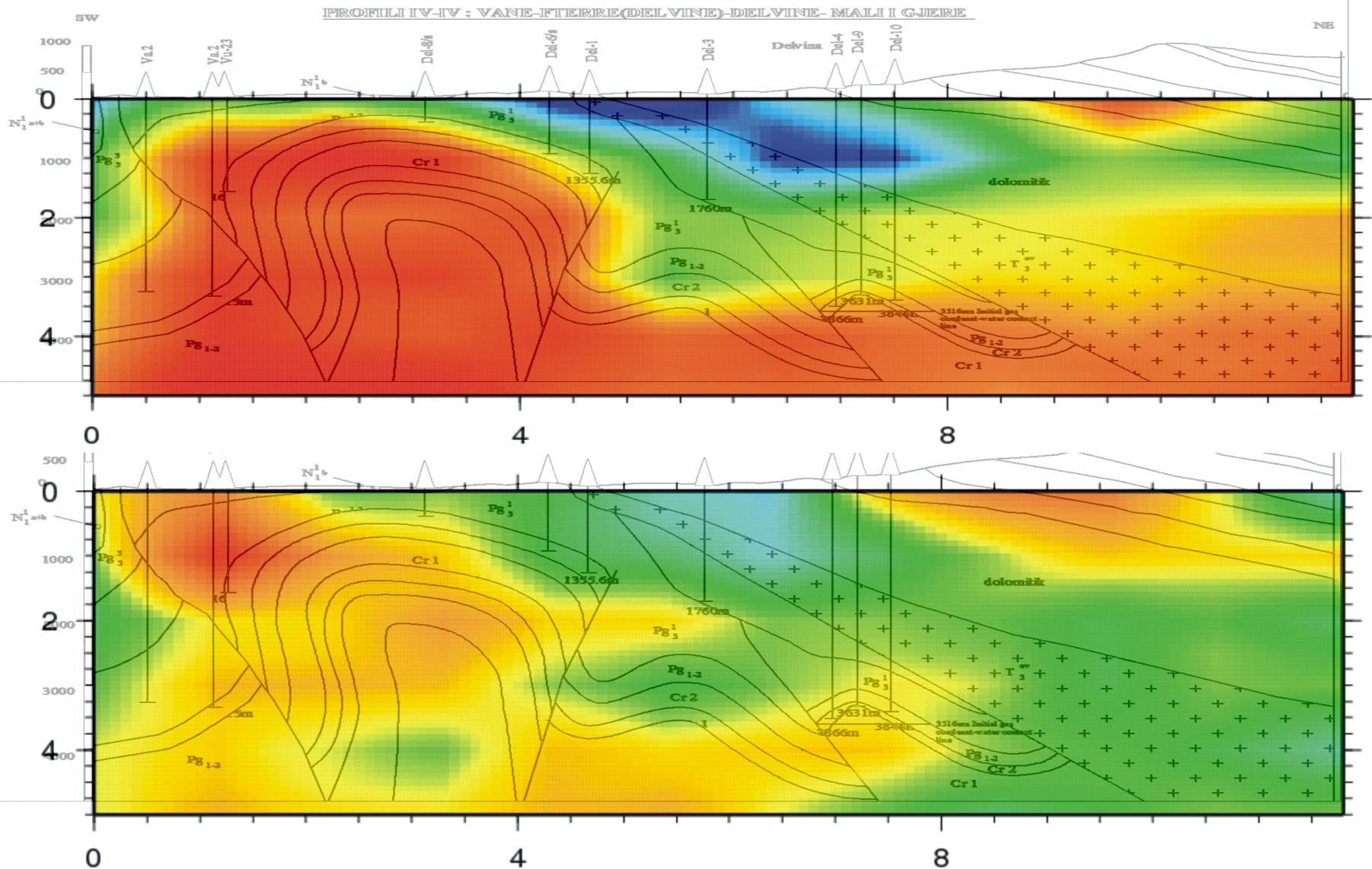
*10% Field  
Recovery  
to Date*







# Delvina Gas Field





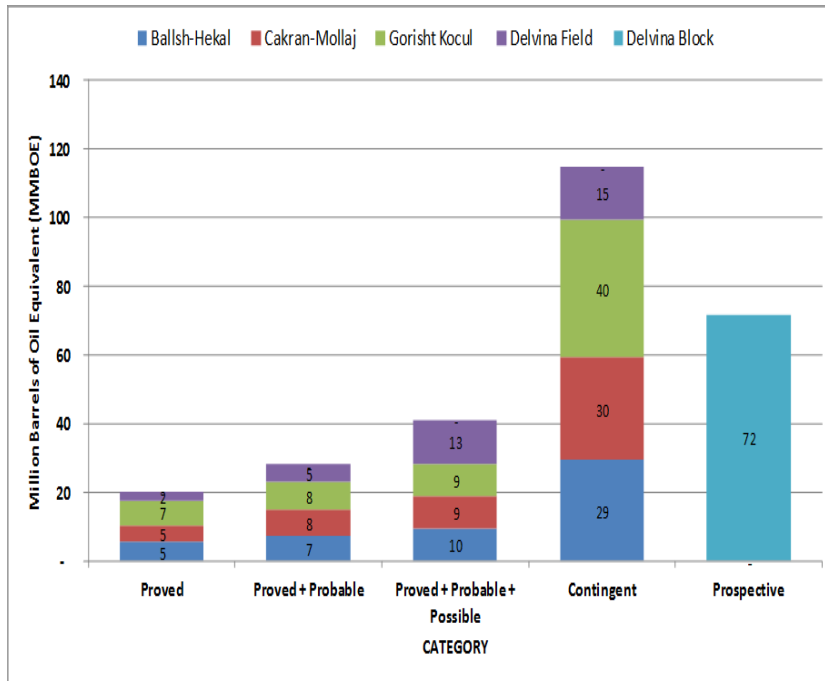
# Company Strategy

- Strategy:** Continue developing 3 existing oil fields  
and  
1 undeveloped gas field with large potential upside.
- Potential:** Large scale growth in production & reserves
- Production:** expected more than 12,000 boed in 5 years
- Reserves:** 24.8 million boe proved + probable  
> 200 million contingent & prospective  
Less than 8% recovery to date

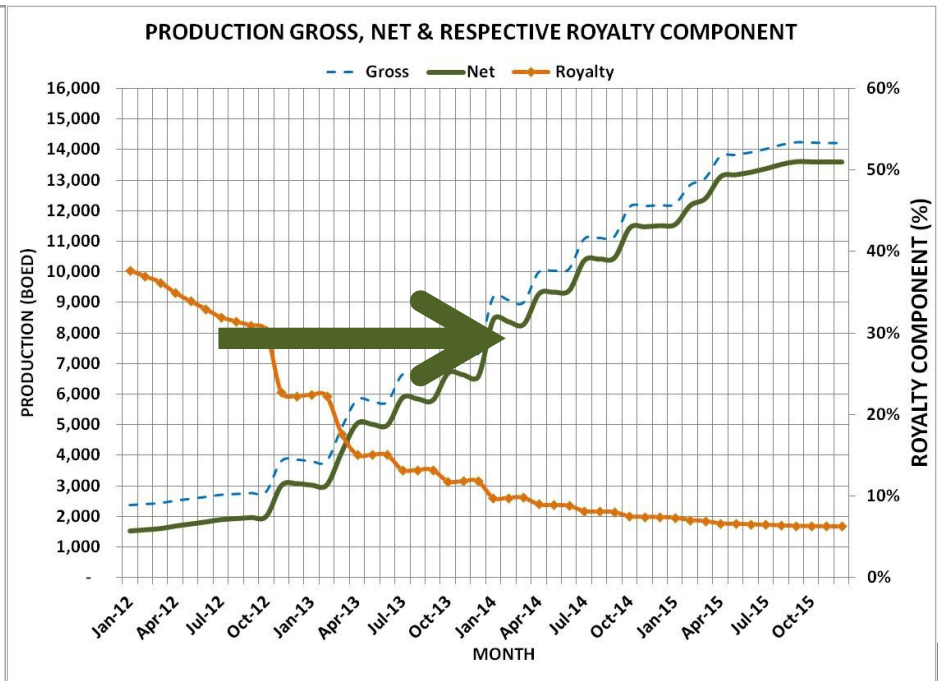


# 2P Reserves to Further Double by 2015

## 2012 Consolidated



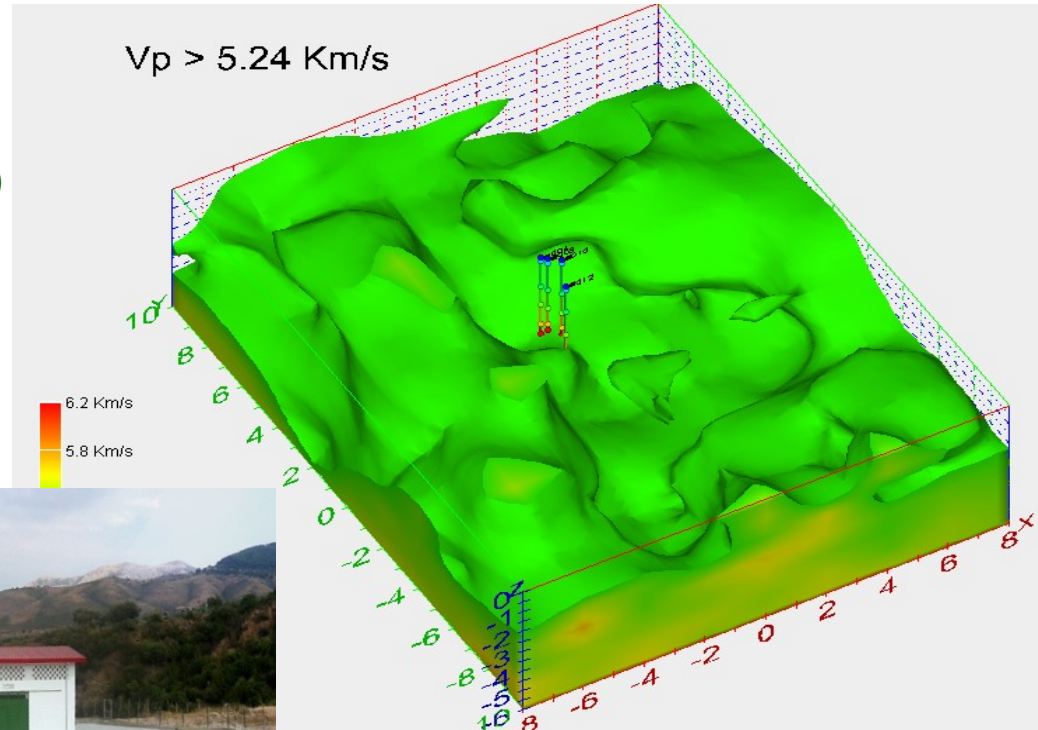
## Production



# Delvina Gas field

- 4 existing wells, 2 currently producing
- 615 BCF PIIP (OGIP) of gas with ~ 100bbl/MMCF condensate

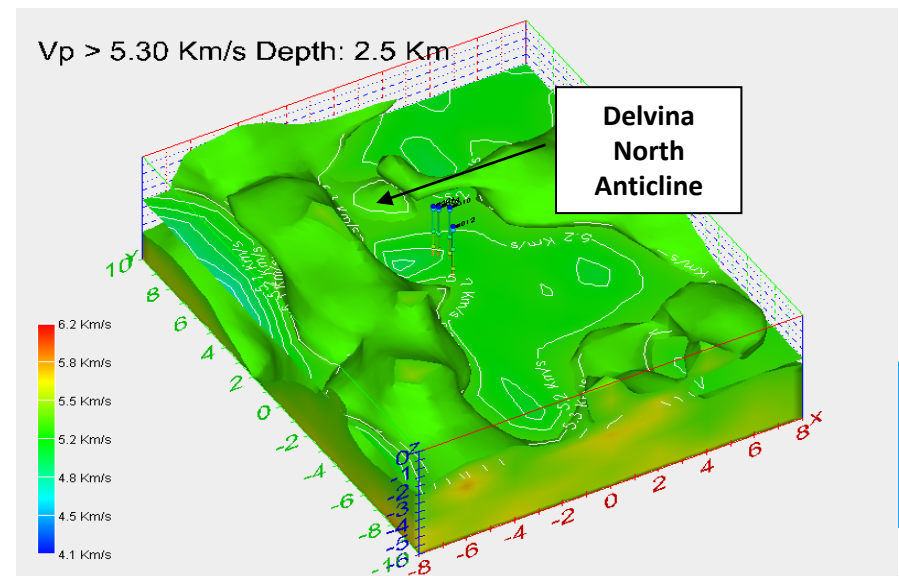
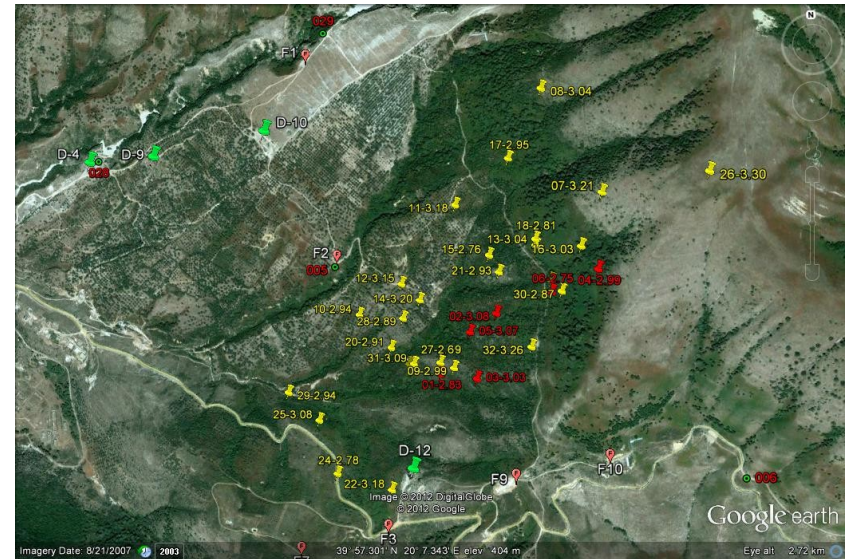
- Recompleted Vertical wells
- Flow rates 2.5 MMcfd (x5)  
**(3.0 MMcf/d @ pre-intervention P)**
- Fracture monitoring
- LOCAL POWER GENERATION



# Delvina Block – Adjacent Structures

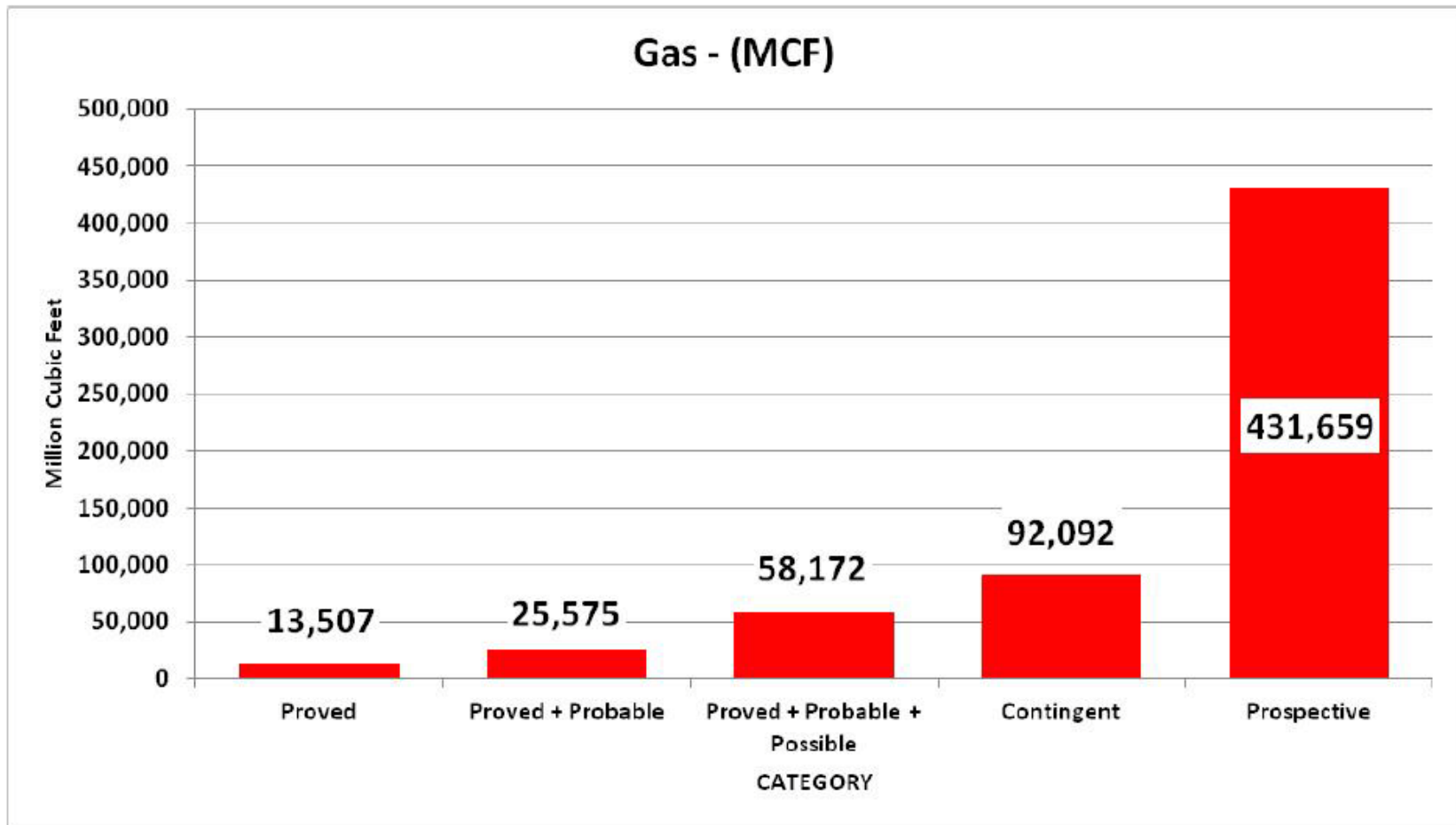
## 2013 – 2014 Growth Plans

- Commence horizontal drilling
- Upside potential on existing structure (fracture monitoring)
- Facilities
- Develop proved structure through horizontal drilling
- Adjacent structure(s):
  - Drill exploration well





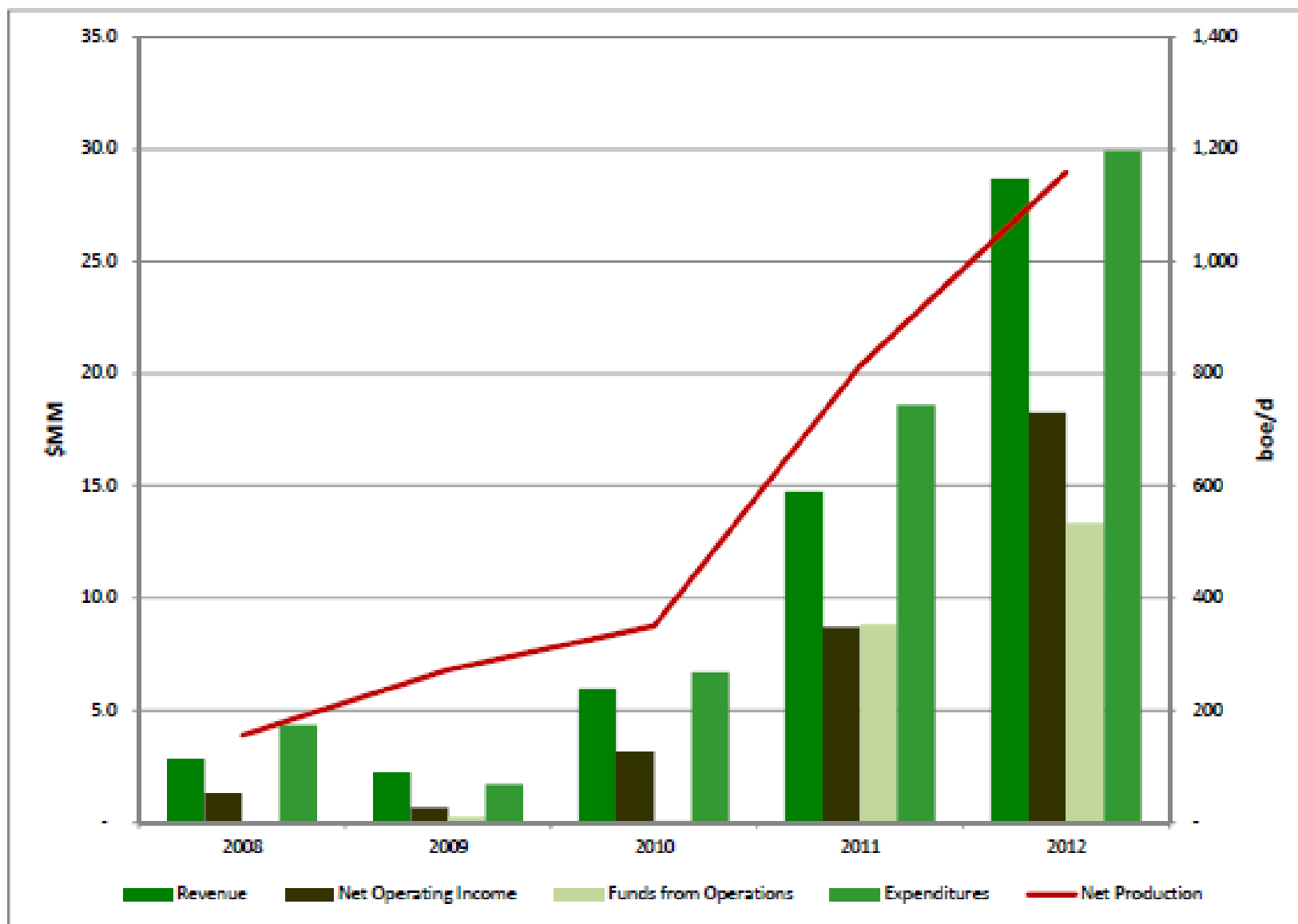
# Gas Growth Upside



***Substantial Potential to Convert Reserves to Production***



# Investment vs Growth



# Albania Fiscal Terms

100% cost recovery & working interest

Low capital commitments

25 year term + 5 year extensions

Royalties:

- Pre-existing production (PEP) = 70%
- Incremental production = 100% less 2% – 6% royalty

Start-up benefit of 30-35% PEP gain upon field take-over

Sales Mineral Tax = 10%

Profit tax = 50%

Legal right to export 100% of production



# Present Production Activity Albania

## Bankers Petroleum

- Patos and Kucova fields
- Block F (exploration)

## Stream Oil & Gas

- Cakran, Ballsh, Gorisht, Delvina
- Delvina (exploration)

## TOG

- Visoca

## Phoenix Petroleum

- Amonica

*Albpetrol* - *Royalties from above production*





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***A High Growth Opportunity***  
***Accessing Albania's Substantial Resources***

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