# THOWATEK

Russia's Natural Gas Frontiers:
"Harnessing the Energy of the Far North"

Mark Gyetvay, Chief Financial Officer and Member of the Board Goldman Sachs – Global Energy Conference 2013 Miami, USA 8-9 January 2013

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## Acquisition of a 49% Stake in Nortgas

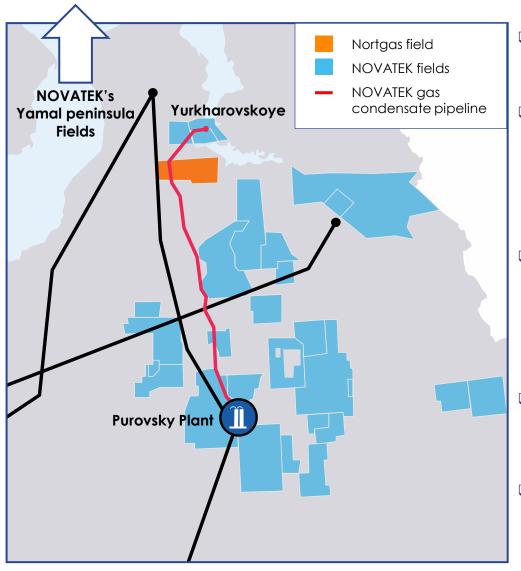
## **Deal Highlights**



- On 27 November 2012 NOVATEK acquired a 49% equity stake in ZAO Nortgas from R.E.D.I. HOLDINGS for USD 1,375 million (the remaining 51% is indirectly held by Gazprom)
- The deal was financed from a combination of Russian rouble bond issue of RR 20 bln and Eurobond issue of USD 1 bln
- Nortgas holds the hydrocarbon production license for the North-Urengoyskoye field in YNAO
- The acquired stake is accounted for on an equity basis

## North-Urengoyskoye Field Highlights



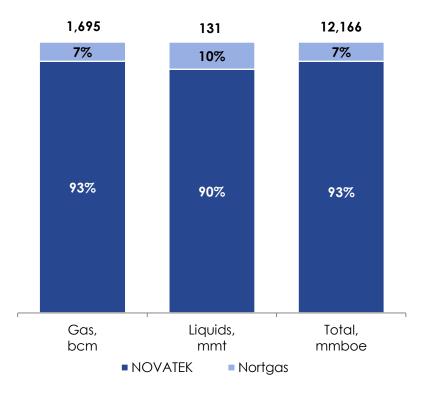


- The North-Urengoyskoye field is located
   25 km south of NOVATEK's
   Yurkharovskoye field
- □ Total PRMS proved reserves as of 31 December 2011
  - 225 bcm of natural gas
  - 27 mmt of liquids, or
  - 1.7 bln boe of hydrocarbons
- Existing infrastructure: 50 production wells, gas treatment unit with processing capacity of 5.5 bcm per annum, a booster compressor station, gas and gas condensate pipeline connections
- □ Current annual production level (2012)
  - ~4.2 bcm of natural gas
  - ~0.4 mmt of gas condensate
- Peak annual production level
  - ~9 to 10 bcm of gas
  - ~1.4 mmt of gas condensate

#### Effect on Reserves and Production



## Acquisition effect on total PRMS proved reserves<sup>1</sup>



- A 49% share in current Nortgas production equals to 3.6% of current gas production and 5.0% of liquids production by NOVATEK
- Hydrocarbon deposits at the field are allocated between the Eastern and Western domes
- Production at the Western dome started in 2001
- Production launch at the Eastern dome is estimated to more than **double** the field's natural gas production and **triple** production of gas condensate
- Nortgas has the same production upside as NOVATEK (2x-gas production, 3x- gas condensate), but it would be achieved faster and accelerate NOVATEK's overall production growth rate in the mid-term

829 mm boe of PRMS proved reserves added for an acquisition price of \$1.66 per boe

#### Notes:

NOVATEK's reserves and its share (49%) in Nortgas proved reserves according to appraisals by DeGolyer and MacNaughton as of 31.12.2011 using the PRMS reserve methodology

## **Acquisition Rationale**



#### Value accretive

- Proved PRMS reserves acquired at \$1.66 per boe as compared to \$1.3 per boe paid for Sibneftegas reserves in 2010
- While almost all of Sibneftegas reserves are dry natural gas, about 13% of Nortgas reserves are liquid hydrocarbons, which significantly increases the economic value of the transaction and justifies the higher reserve base multiple
- Majority of the field's capital expenditures has already been incurred implying low capital intensity to maximize free cash flow generation
- Producing asset generating cash flows

#### Material production upside

- Nortgas has the same production upside as NOVATEK with the development of the Eastern dome
- Consistent with NOVATEK's strategy of accelerated liquids production growth
- Convenient location close to NOVATEK's core producing fields and transportation and processing infrastructure: significant synergies mainly driven by processing of gas condensate at the Purovsky Plant



## **Fundamental View**

#### Four Pillars Supporting Sustainable Growth



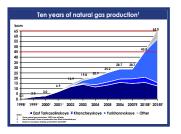






High Quality Long Life Reserves





Strong Production Growth





Low Cost Producer



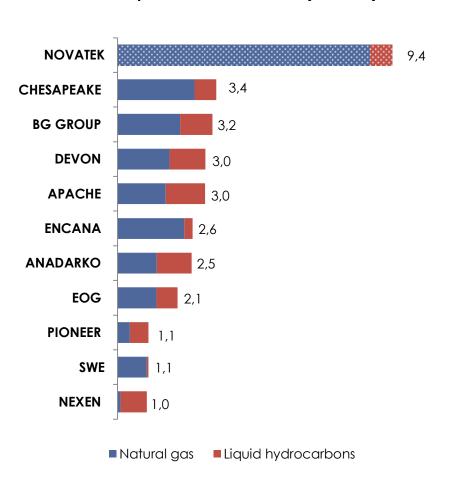


Liberalized Pricing Environment

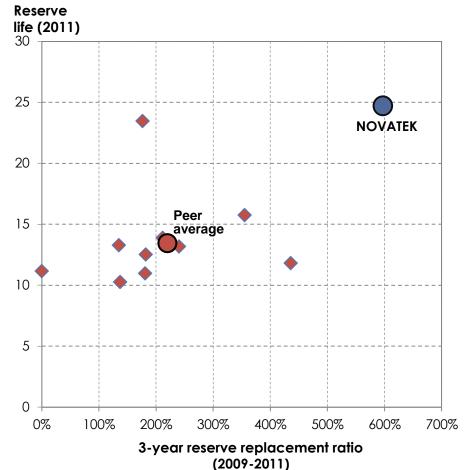
#### **Vast Conventional Reserve Base**



#### Total proved reserves 2011 (bln boe)



#### Reserve life and replacement

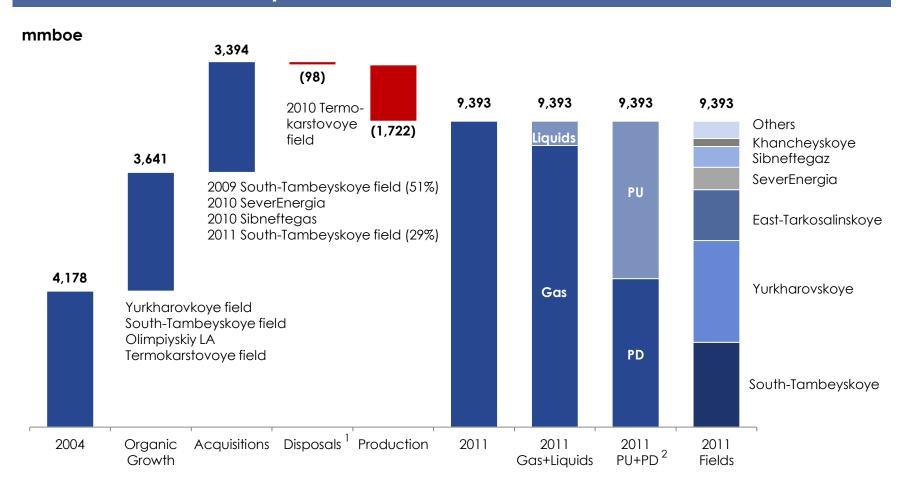


Source: Company data, Bloomberg

#### **SEC Reserve Growth**



#### Reserve replacement ratio from 2004 to 2011 – 403%

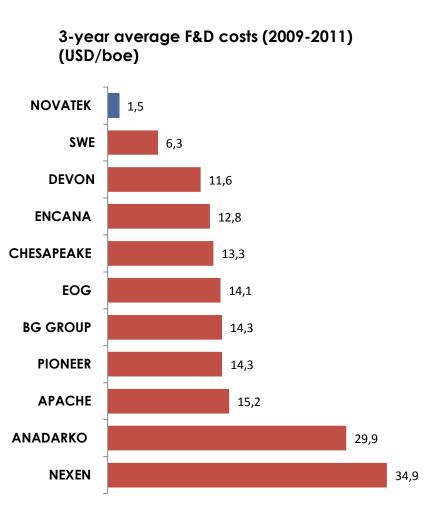


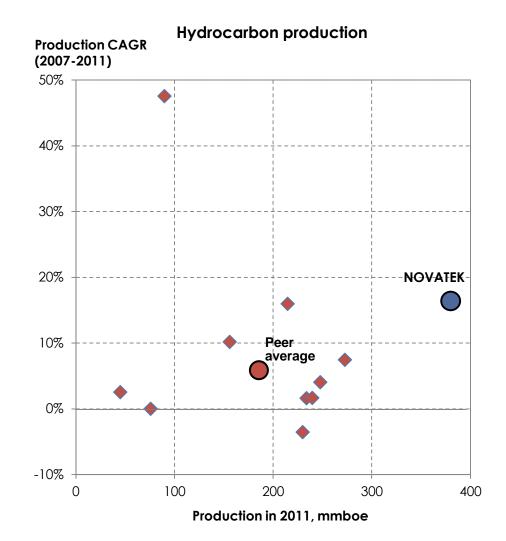
#### Notes:

- Disposal of a 49% participation interest in Terneftegas
- 2. Proved undeveloped and proved developed reserves

# Efficient Development and Leading Production Dynamics



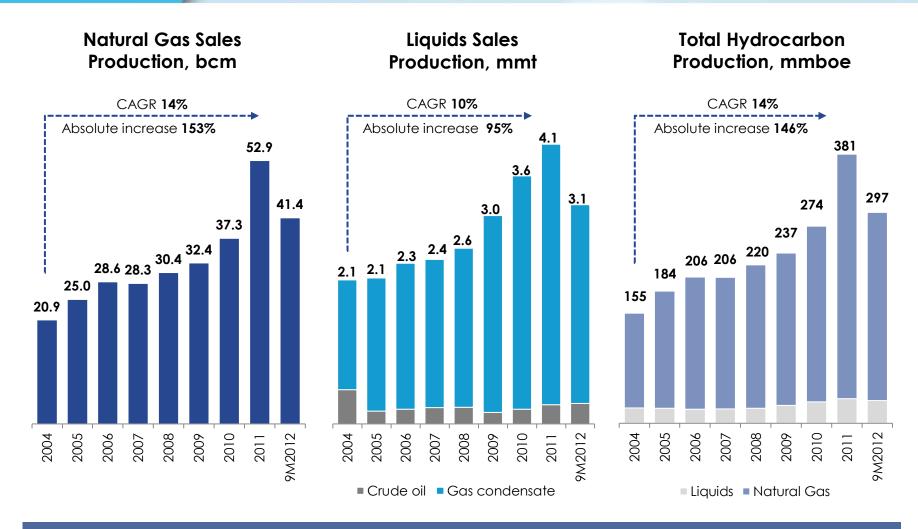




Source: Company data, IHS, Bloomberg

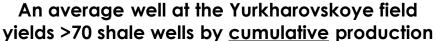
## **Hydrocarbon Production**

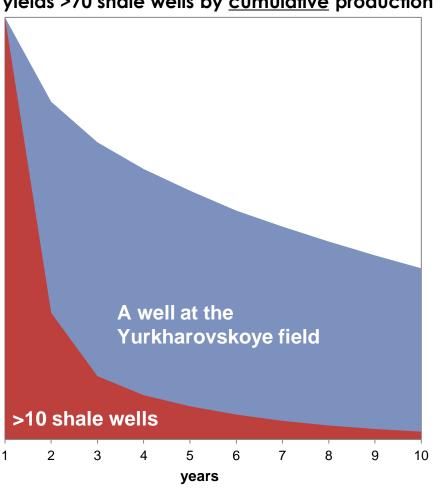




## **Highly Productive Wells**







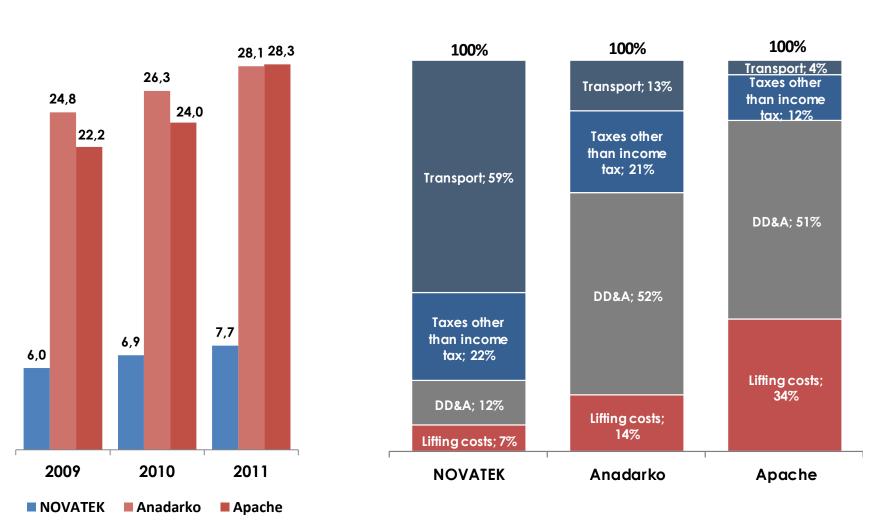
- Log While Drilling technology is used to increase net pay thickness
- □ Large diameter horizontal wells with long perforated horizontal piping allow to maximize flow rates
- Constant long-term productivity due to the special types of drilling mud used
- Perforated liners are made upon special core analysis
- Optimal production regime is selected for each well to ensure maximum flow rates and ultimate gas condensate recovery

#### **Low Production Costs**



#### Production costs, USD/boe

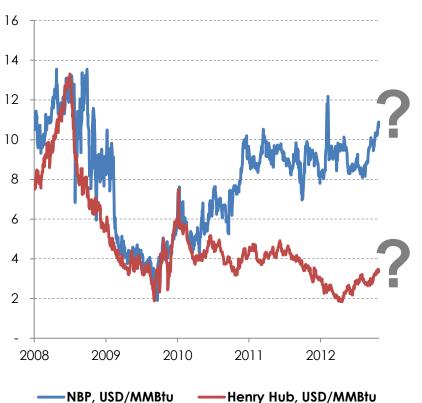
#### Production costs structure, %



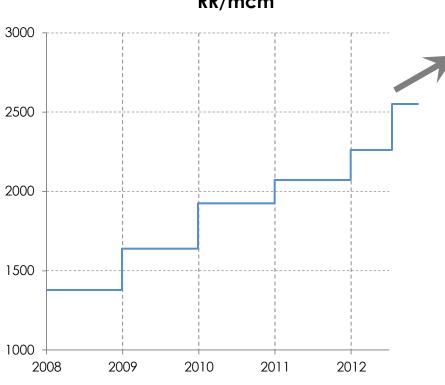
## **Sustainable Price Dynamics**







#### NOVATEK average gas sales price, RR/mcm

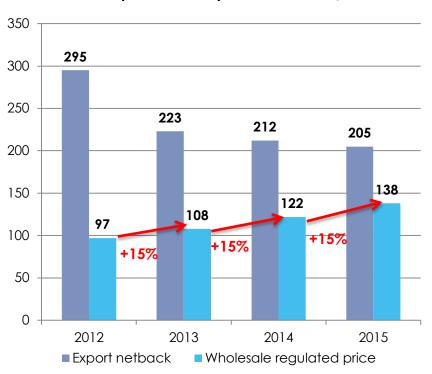


While international natural gas prices are either very volatile or depressed, prices in Russia demonstrate sustainable growth

# Price Liberalization and Transportation Tariffs

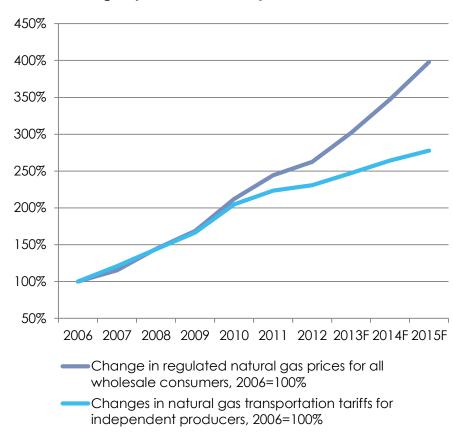


#### Domestic prices vs. export netbacks, \$/mcm



Source: Russian Ministry of Economic Development

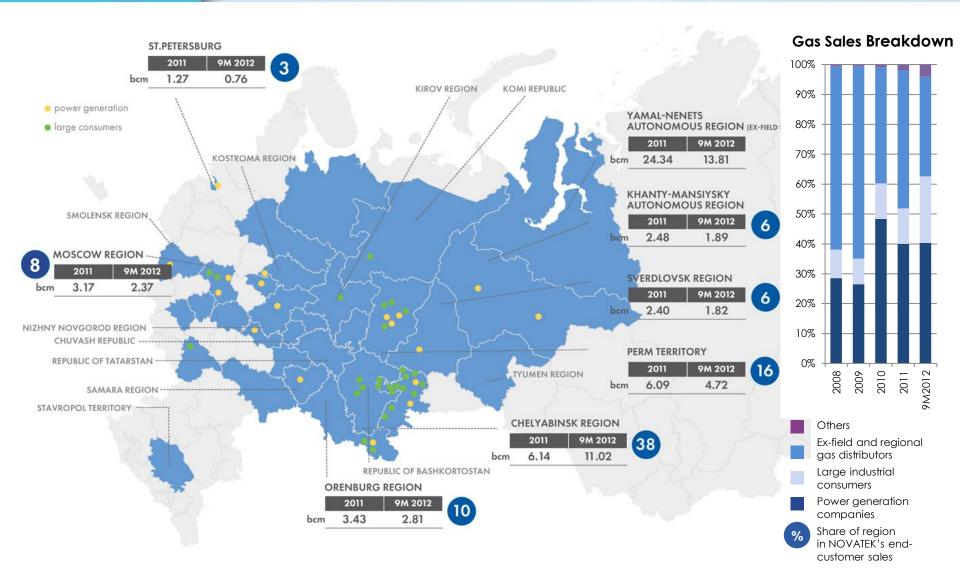
#### Natural gas prices and transportation tariffs



Domestic prices are estimated to grow faster than transportation tariffs

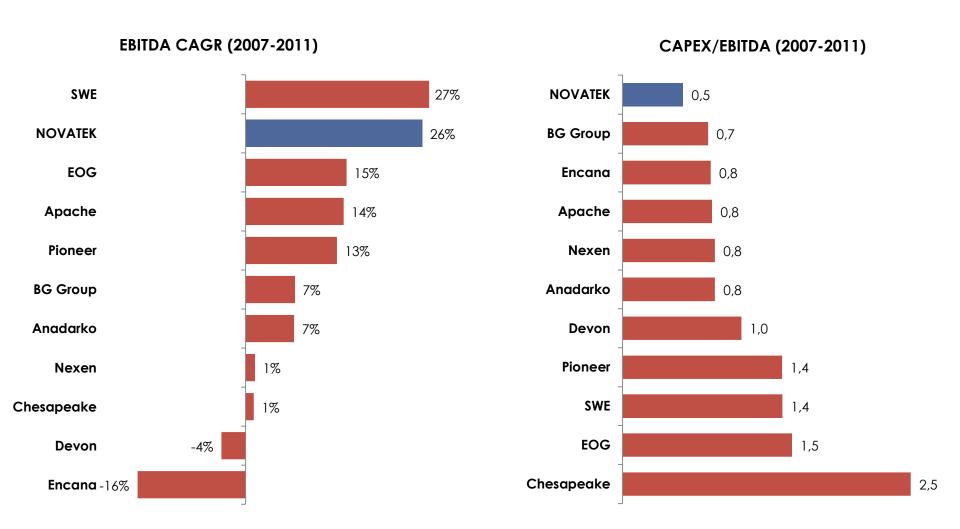
#### **Domestic Market Potential**





## **Leading Growth at Lowest Cost**

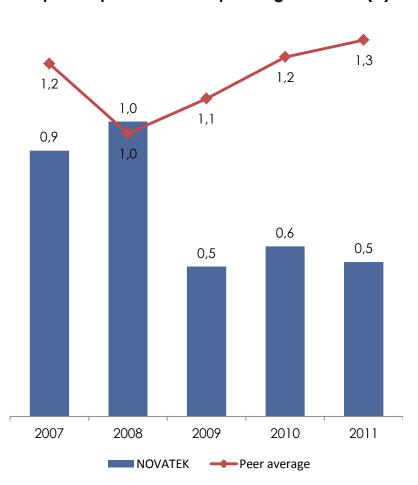




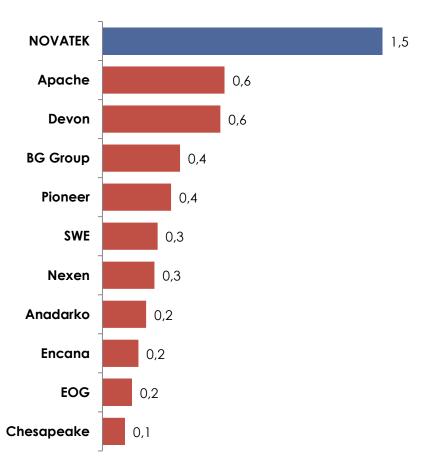
## Well Balanced Investment Program



#### Capital expenditures to Operating cash flow (X)



#### PI (net income to capital expenditures), 2011



Source: Company data, Bloomberg

Note: Peer group includes Anadarko, Apache, BG Group, EOG, SWE, Nexen, EnCana, Chesapeake, Pioneer and Devon

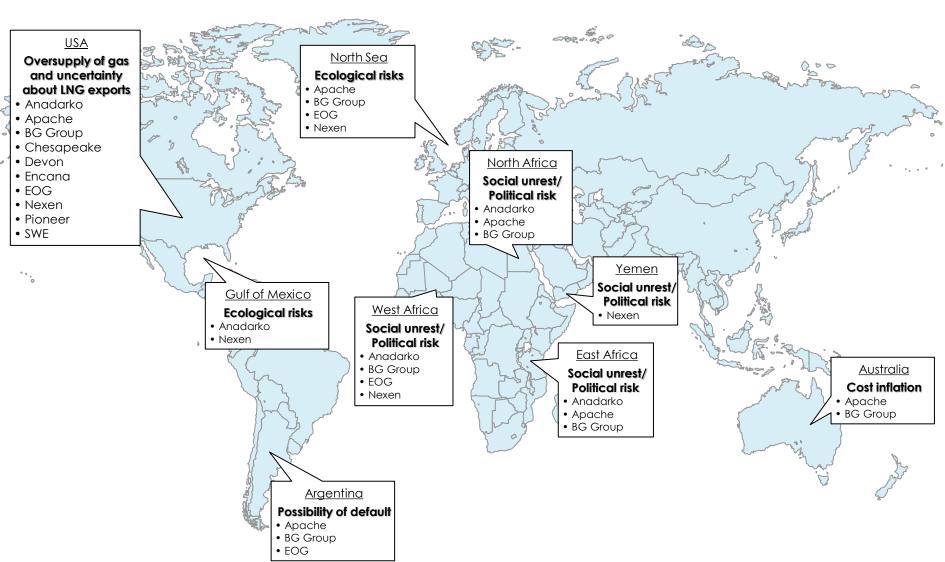
## **Leading Growth at Lower Risks**



Parameter	NOVATEK	International Peers		
Type of reserves contributing to production growth	Conventional onshore	Offshore, shale, coal seam gas		
Underground risks	Very low	<u>High</u>		
Above ground risks	Average, single country (Russia)	Diversified, but in <u>many risky</u> <u>regions (Algeria, Tunisia,</u> <u>Kenia, Mozambique, Nigeria,</u> <u>Egypt)</u>		
Price environment	Visible upside, LNG exports – capturing export netback	Risky in the global scale and depressed in the US		
Long-term prospects	Conventional reserves in the Yamal and Gydan peninsulas with low underground risks	Very complex offshore and unconventional reserves with higher risks		

# Country Risks of International Peers

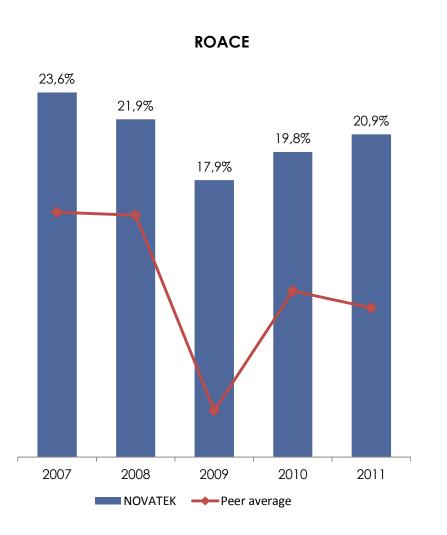




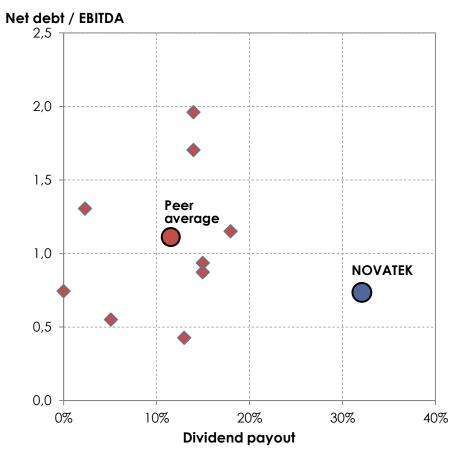
Source: Company data

# Leading Profitability, Generous Capital Distribution and Healthy Balance Sheet





#### Net debt / EBITDA and Dividend payout (2011)



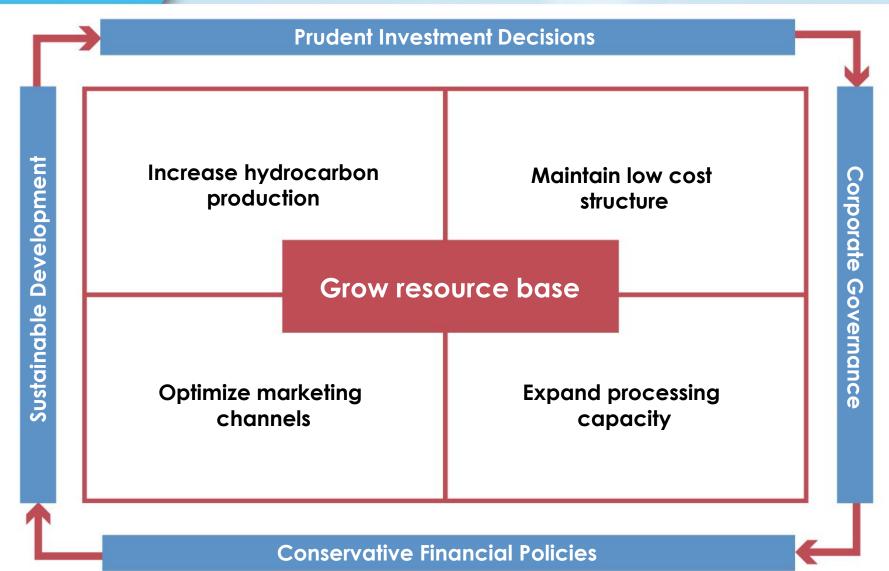
Source: Company data, Bloomberg



## Outlook

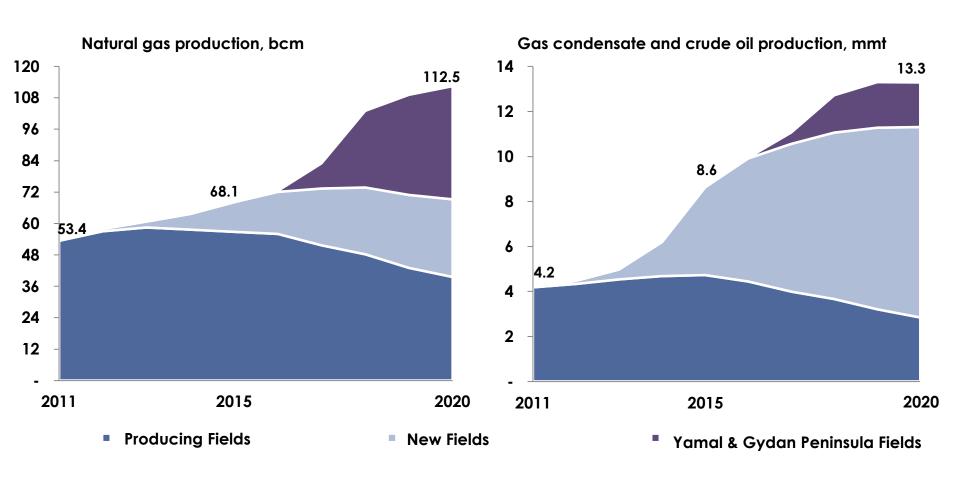
## **Delivering on Our Core Strategy**





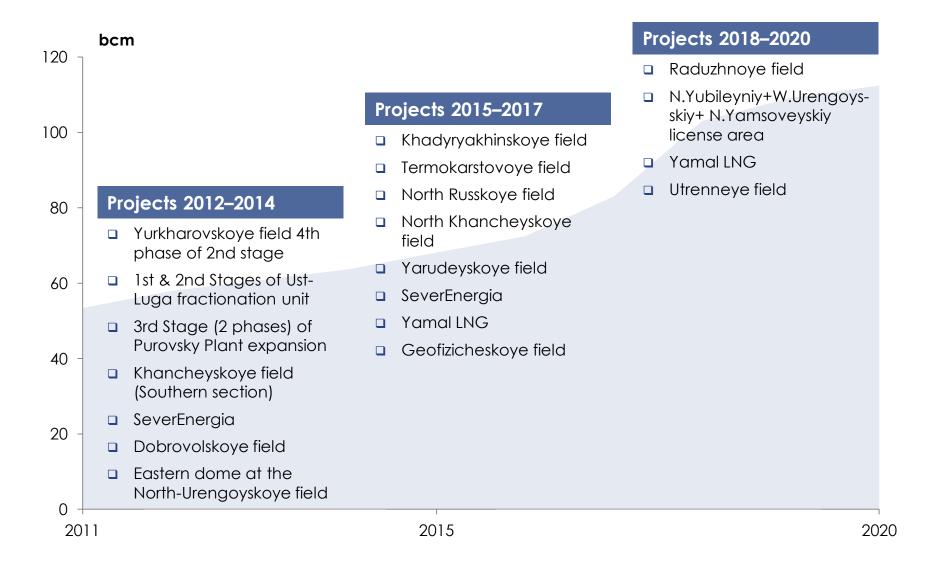
#### Production - All Fields<sup>1</sup>





## **Project Implementation Timeline**







## **Q3 Financial Results**

#### Summary Highlights – 3Q 2012

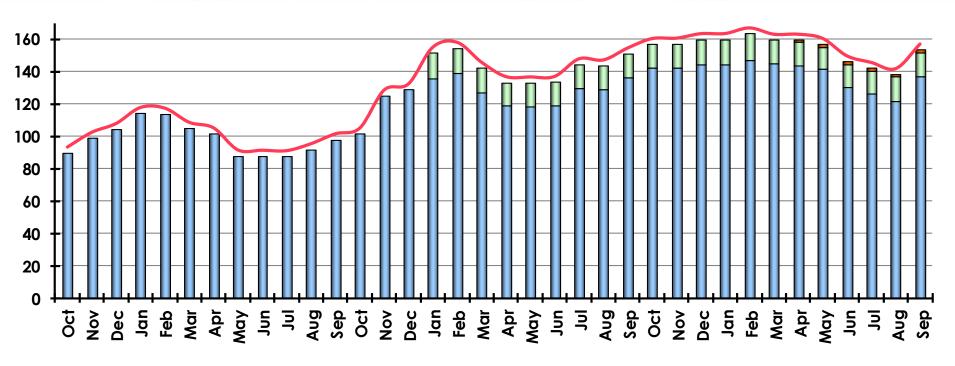


- Increase in revenues driven by higher natural gas and liquids sales prices and volumes:
  - Natural gas sales increased Y-o-Y by 33.4% and Q-o-Q by 17.3%
  - Liquids sales increased Y-o-Y by 28.9% and Q-o-Q by 16.1%
- EBITDA increased Y-o-Y by 33.8% and Q-o-Q by 23.7%
- □ Capital expenditures increased Y-o-Y by 52.5% to RR 11,480 million in accordance with our announced capital plans
- Natural gas production decreased Y-o-Y by 2.9% due to a transfer of natural gas injection into the UGSF from the third quarter to second quarter in 2012
- □ Cash flow from operations increased Y-o-Y by 89.7% to RR 23,821 million from RR 12,560 million due to higher natural gas and liquids sales volumes and prices
- **EPS increased** Y-o-Y by 140.3% and Q-o-Q by 107.0% to RR 6.59
- On 6th November 2012, the Group signed an agreement with a third party to **acquire 49% equity shares of ZAO Nortgas**, subject to certain conditions to be met by both parties for the total consideration of USD 1,375 million payable upon the title transfer

#### **Increasing Natural Gas Production** (mmcm per day)







■ Gross production

Equity share in the gross production of Sibneflegas

Equity share in the gross production of SeverEnergia

2009

2009 Avg. 90 mmcm/day 3,171 bcf/day

2010

2010 Avg. 103 mmcm/day 3,655 bcf/day

2011

2011 Avg. 147 mmcm/day 5,180 bcf/day

2012

3Q 12 Avg. 144 mmcm/day 5,102 bcf/day

9M 12 Avg. 153 mmcm/day 5,409 bcf/day

## Comparison of Quarterly Results (RR million)



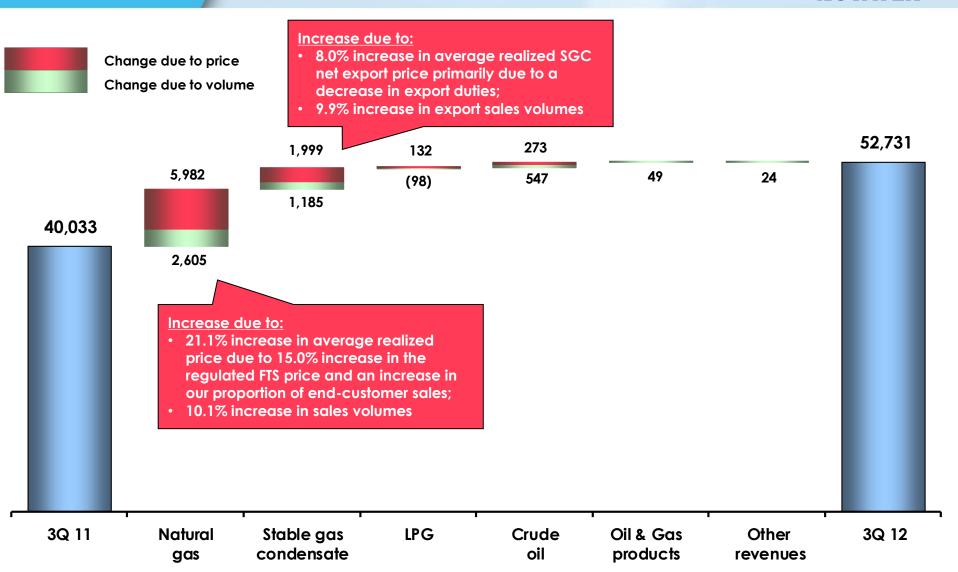
	3Q 11	4Q 11	1Q 12	2Q 12	3Q 12	Q-o-Q +/- %	Y-o-Y +/- %
Oil and gas sales	39,888	50,544	54,152	44,984	52,562	16.8%	31.8%
Total revenues	40,033	50,718	54,373	45,145	52,731	16.8%	31.7%
Operating expenses	(22,921)	(28,980)	(31,851)	(26,780)	(29,845)	11.4%	30.2%
EBITDA (1)	18,877	86,692	24,217	20,414	25,252	23.7%	33.8%
EBITDA margin	47.2%	170.9%	44.5%	45.2%	47.9%		
Normalized EBITDA (2)	18,877	23,744	24,217	20,414	25,252	23.7%	33.8%
Normalized EBITDA margin	47.2%	46.8%	44.5%	45.2%	47.9%		
Effective income tax rate	21.7%	5.7%	21.9%	20.9%	20.9%		
Profit attributable to NOVATEK	8,322	78,227	21,245	9,663	20,003	107.0%	140.4%
Profit margin	20.8%	154.2%	39.1%	21.4%	37.9%		
Normalized earnings per share	2.74	5.04	7.00	3.18	6.59	107.0%	140.3%
CAPEX (3)	7,527	9,663	7,519	12,270	11,480	-6.4%	52.5%
Net debt <sup>(4)</sup>	78,903	71,647	48,045	77,818	67,187	-13.7%	-14.8%

#### Notes:

- 1. EBITDA represents profit (loss) attributable to shareholders of OAO NOVATEK adjusted for the addback of net impairment expenses (reversals), income tax expense, finance income (expense) and income (loss) from changes in fair value of derivative financial instruments from the Consolidated Statement of Income, and depreciation, depletion and amortization from the Consolidated Statement of Cash Flows
- 2. Normalized EBITDA and normalized earnings per share exclude net gain on disposal of interest in subsidiaries
- 3. CAPEX represents additions to property, plant and equipment excluding acquisition of mineral licenses
- 4. Net debt calculated as long-term debt plus short-term debt less cash and cash equivalents

## Total Revenues (RR million)





#### **Total Revenues Breakdown**



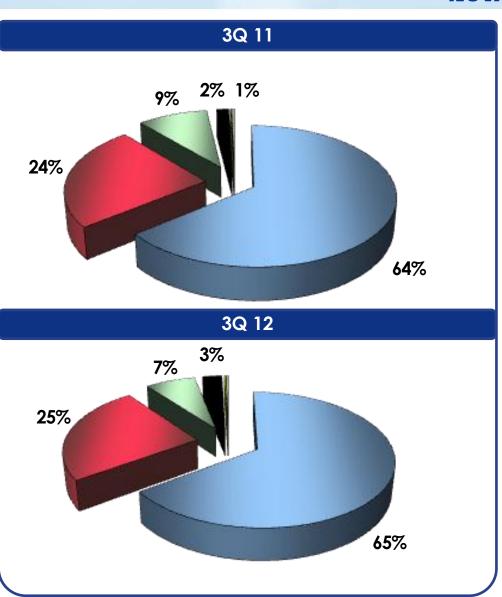


■ Stable gas condensate

**□ LPG** 

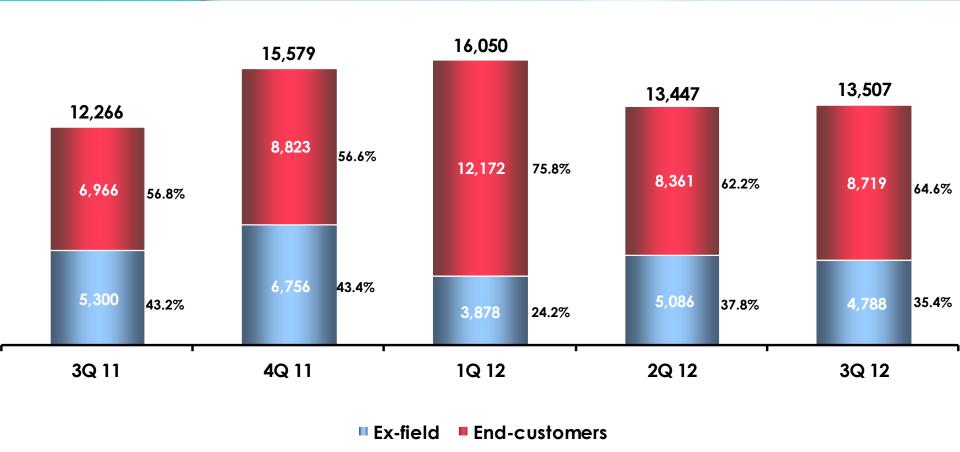
- Crude oil
- Oil and gas products

■ Other



# Market Distribution – Gas Sales Volumes (mmcm)

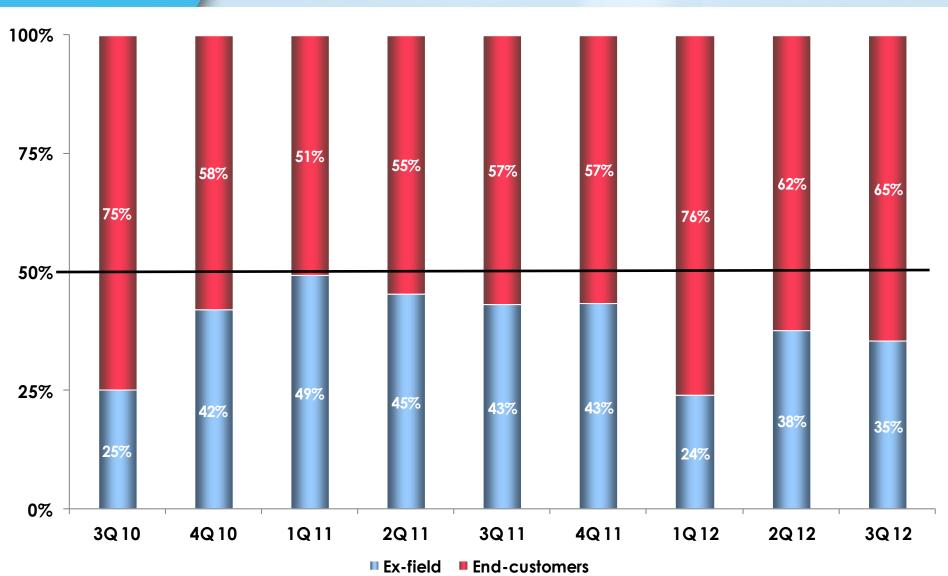




- Y-o-Y increase in natural gas sales volumes was due to the commencement of purchases from our related party SIBUR Holding effective from 1 January 2012
- Our proportion of natural gas sold to end-customers increased Y-o-Y due to higher natural gas deliveries to the Chelyabinsk region as a result of the acquisition of regional gas trader Gazprom mezhregiongas Chelyabinsk in November 2011

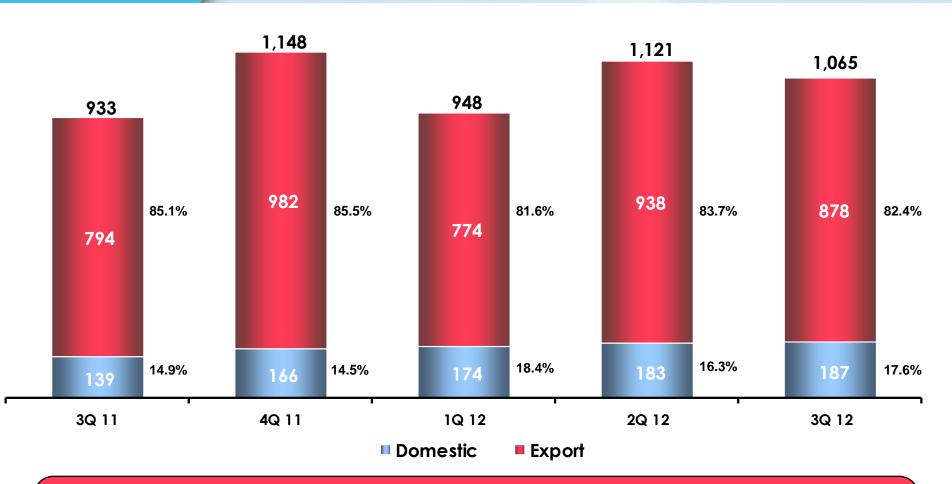
#### **Natural Gas Sales Volume Mix**





# Market Distribution – Liquids Sales Volumes (mt)





- Y-o-Y increase in liquids sales volumes was primarily due to the initiation of unstable gas condensate purchases from our joint venture in April 2012, as well as a decrease in our SGC inventory balances during 3Q 2012 compared to an increase in 3Q 2011
- Q-o-Q decrease in liquids sales volumes was due to a decrease in gas condensate production at our core producing fields

# Realized Hydrocarbon Prices (net of VAT and export duties)

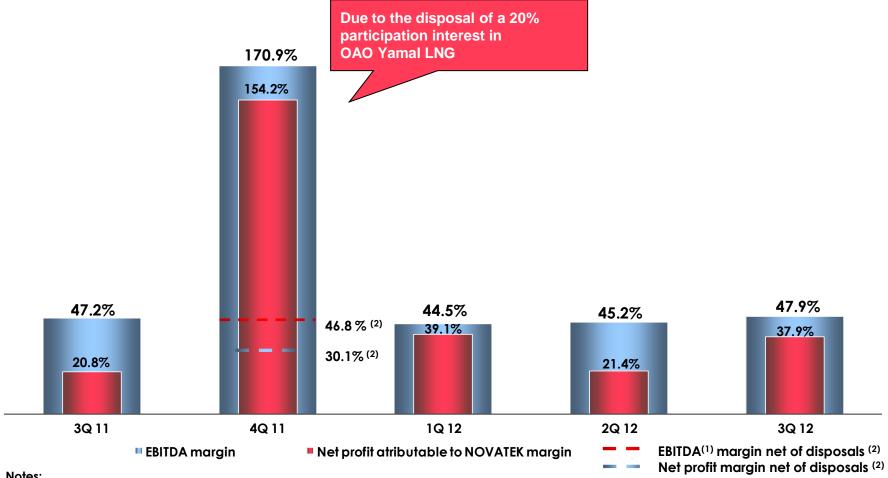


3Q 11	3Q 12	+/(-)	+/(-)%		2Q 12	3Q 12	+/(-)	+/(-)%
				Domestic prices				
2,637	3,050	413	15.7%	Natural gas end-customers, RR/mcm	2,652	3,050	398	15.0%
1,390	1,619	229	16.5%	Natural gas ex-field, RR/mcm	1,399	1,619	220	15.7%
-	12,278	n/a	n/a	Stable gas condensate, RR/ton	12,335	12,278	(57)	-0.5%
14,173	14,199	26	0.2%	LPG, RR/ton	13,704	14,199	495	3.6%
9,046	11,144	2,098	23.2%	Crude oil, RR/ton	10,313	11,144	831	8.1%
9,998	10,643	645	6.5%	Methanol, RR/ton	10,896	10,643	(253)	-2.3%
				Export market				
14,817	17,629	2,812	19.0%	Stable gas condensate, RR/ton	13,387	17,629	4,242	31.7%
21,148	22,128	980	4.6%	LPG, RR/ton	21,263	22,128	865	4.1%
10,707	13,133	2,426	22.7%	Crude oil, RR/ton	9,916	13,133	3,217	32.4%

Note: Prices are shown excluding liquids trading activities and excluding natural gas volumes purchased for resale in the location of end-customers

## Maintaining Margins (% of total revenues)



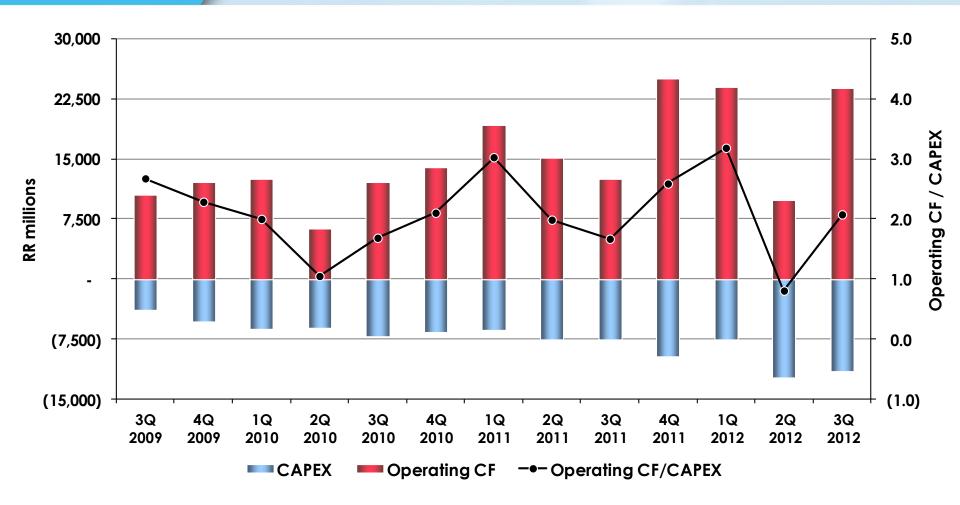


#### Notes:

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- 2. Adjusted net profit attributable to NOVATEK margin and adjusted EBITDA margin exclude net gain on disposal of subsidiaries

#### Internally Funded Investment Program





Core investments in upstream exploration, production and processing facilities funded primarily through internal cash flows

## Condensed Balance Sheet (RR million)



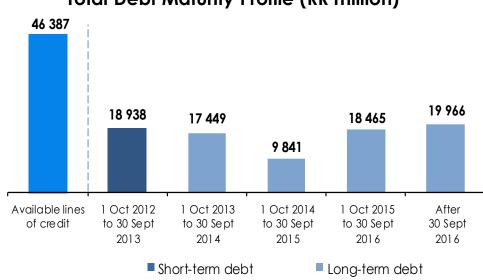
	30 September 2012 31 De	ecember 2011	+/(-)	+/(-)%
Total current assets	48,702	58,316	(9,614)	-16.5%
Incl. Cash and cash equivalents	17,472	23,831	(6,359)	-26.7%
Total non-current assets	350,521	325,116	25,405	7.8%
Incl. Net PP&E	190,032	166,784	23,248	13.9%
Total assets	399,223	383,432	15,791	4.1%
Total current liabilities	33,869	50,114	(16,245)	-32.4%
Incl. ST debt and current portion of LT debt	18,938	20,298	(1,360)	-6.7%
Total non-current liabilities	83,120	91,636	(8,516)	-9.3%
Incl. Deferred incom e tax liability	13,933	12,805	1,128	8.8%
Incl. LT debt	65,721	75,180	(9,459)	-12.6%
Total liabilities	116,989	141,750	(24,761)	-17.5%
Total equity	282,234	241,682	40,552	16.8%
Total liabilities & equity	399,223	383,432	15,791	4.1%

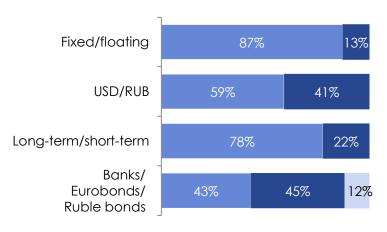
#### Debt Composition as at 30 September 2012





#### Debt Structure (Total Debt = RR 84.7 billion)





#### Established track record of adhering to financial policies

Metric	Policy Target	2009	2010	2011	9M 2012
Debt/Normalized EBITDA, (x)	~1.0x	1.0	1.3	1.1	0.9
Net debt/Normalized EBITDA, (x)	<1.0x	0.7	1.1	0.8	0.7
Normalized EBITDA/Net interest		136	n/a	n/a	77
Cash Balance, million \$	\$100 - \$150	348	336	740	565
Lines of credit, million \$	\$300 - \$500	579	500	1,592	1,500

Source: IFRS financials (9M 2012 (unaudited), 2009 - 2011)

## Questions and Answers

#### **Contact details:**

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