

# Capital Markets Day 2023 - Part I

22. November 2023

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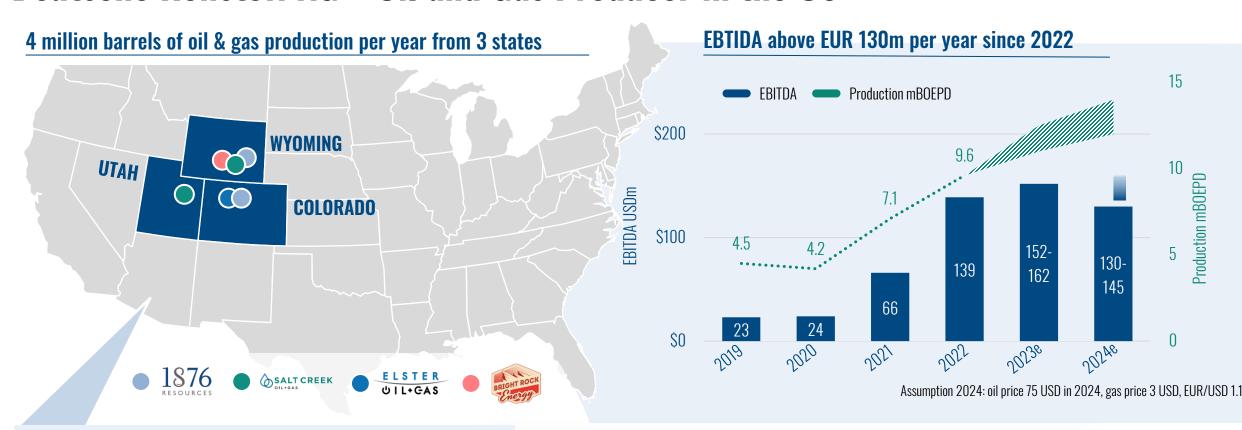
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## **Deutsche Rohstoff AG – Oil and Gas Producer in the US**



### **Diversified production base**

- ✓ Oil, gas and NGL sales from three US states
- ✓ Production from over 300 wells as operator & in JVs
- ✓ 4 US subsidaries allow for efficient capital allocation

### The US provides high security for planning & development

- ✓ US the #1 regulatory and operating environment for oil & gas
- $\checkmark$  80 wells with a volume of 400m have been developed since 2016
- ✓ Combined EBITDA 2022-2024 about EUR 400m

### Milestones of the last 12 months



- Production increased by 25% in 2023
- Extensive investment in Wyoming, owned and non-operated wells
- Wyoming wells above base case expectations to date
- Sale of Utah assets at the end of 2023

**9,600** →**12,250\* B0E** per day 2022 vs. 2023





- 2022 with earnings of EUR 66m
- 2023 9M with EUR 43m income
- No Opex inflation in 2023
- Dividend yield 4.5% (06/2023)
- Salt Creek sale: EUR 44m cash inflow



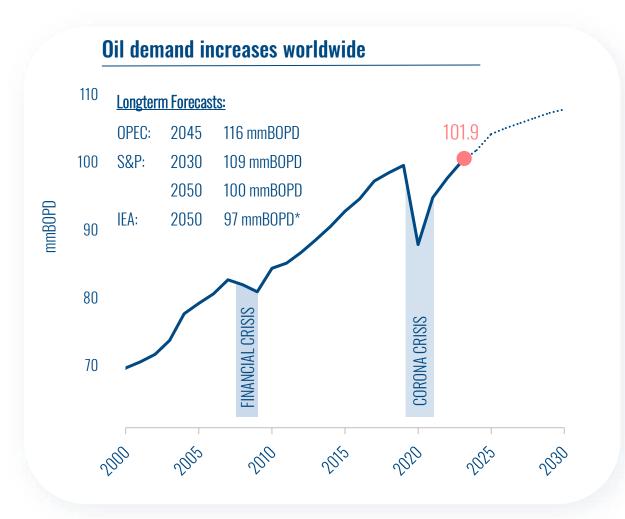
- EUR 100m 7.5% bond issued.
- Net debt 70% of EBITDA
- EUR 172m Equity at the end of 3Q
- Equity ratio over 40% at the end of the year

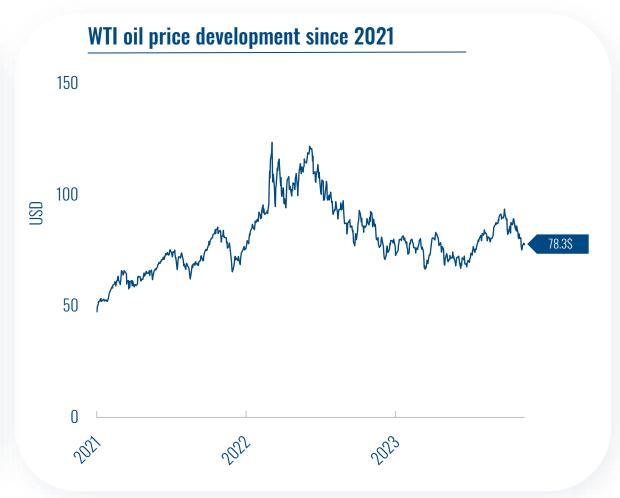




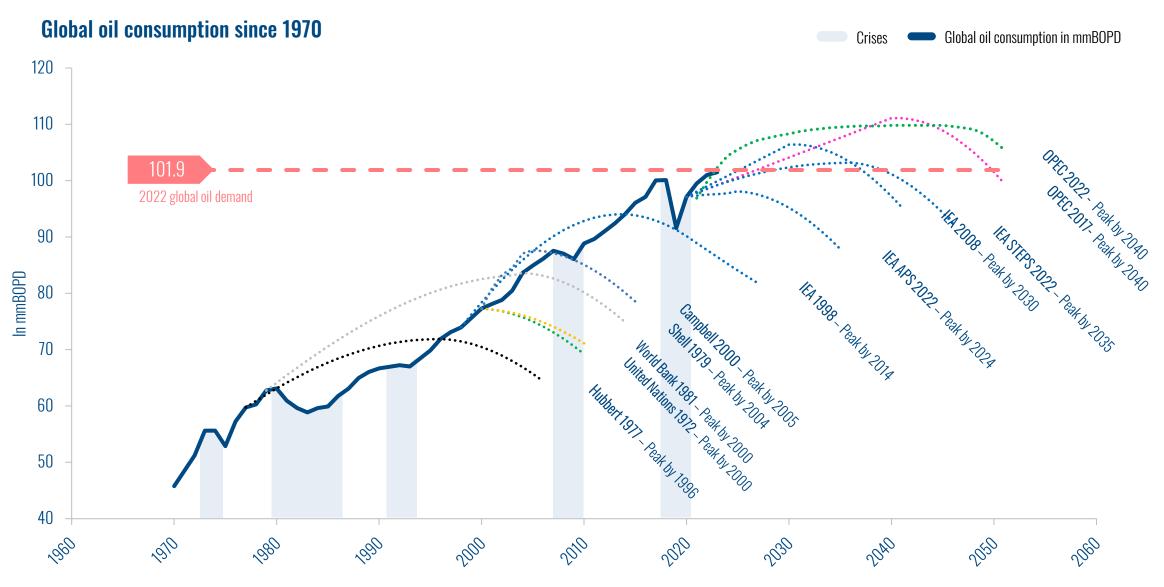
## The world continuously needs more oil

Over the past 25 years, demand for oil has increased and is expected to increase further to 107.5 mmBOPD by 2030

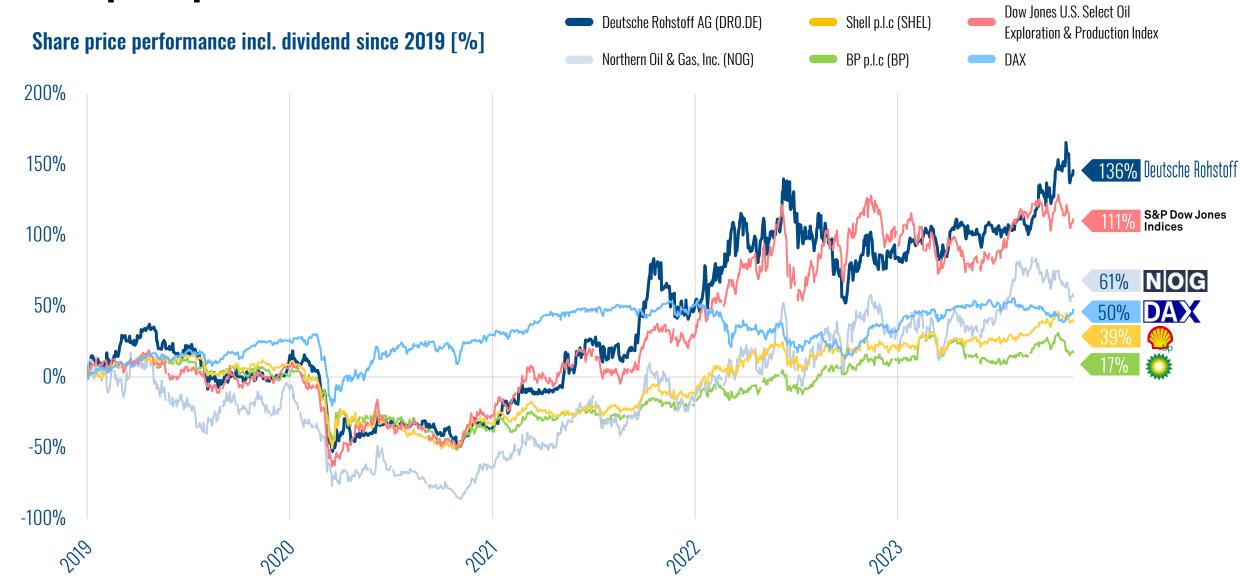




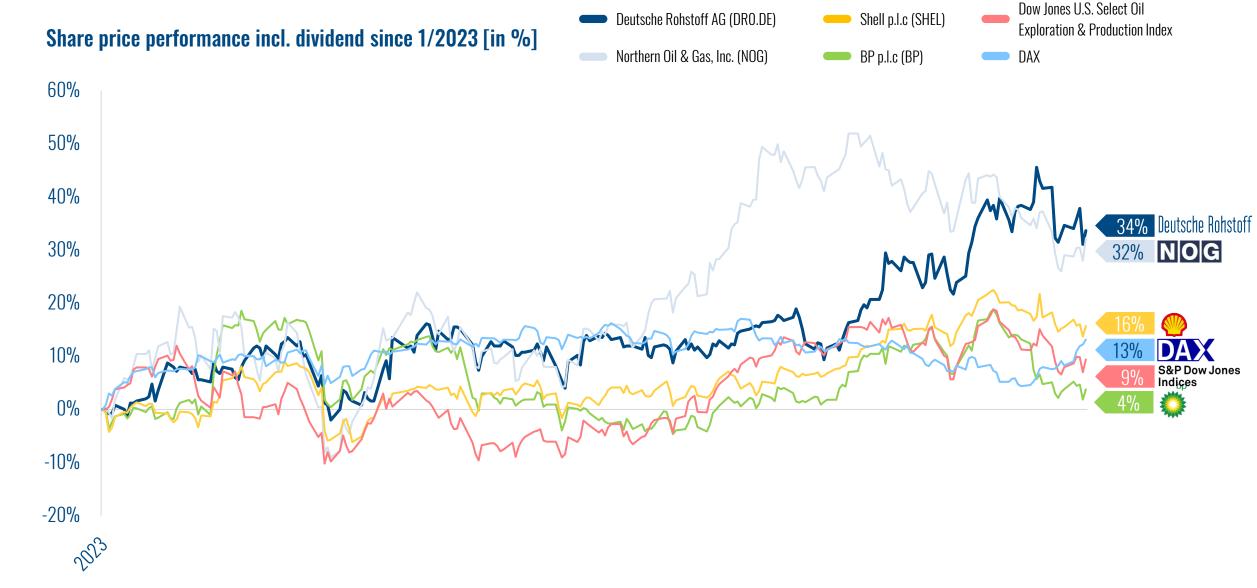
## In 23 of the last 25 years, demand for oil has increased



## **Share price performance since 2019 – Total Return**

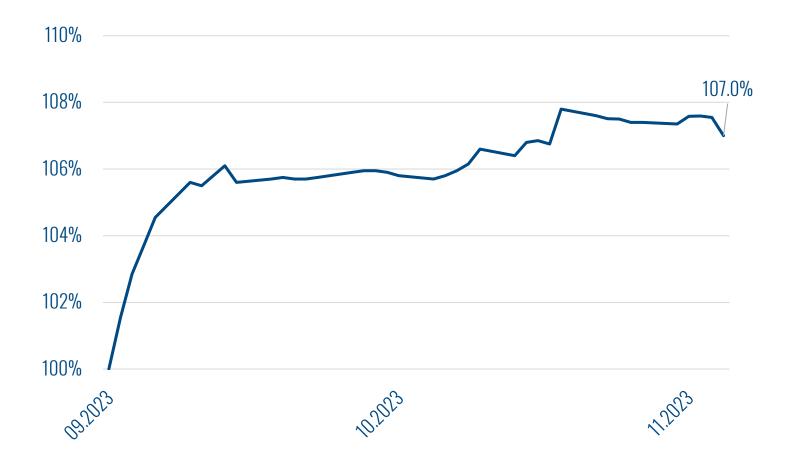


# Outperformed the peer group since the beginning of the year



## **Corporate bond 23/28 with strong price performance**

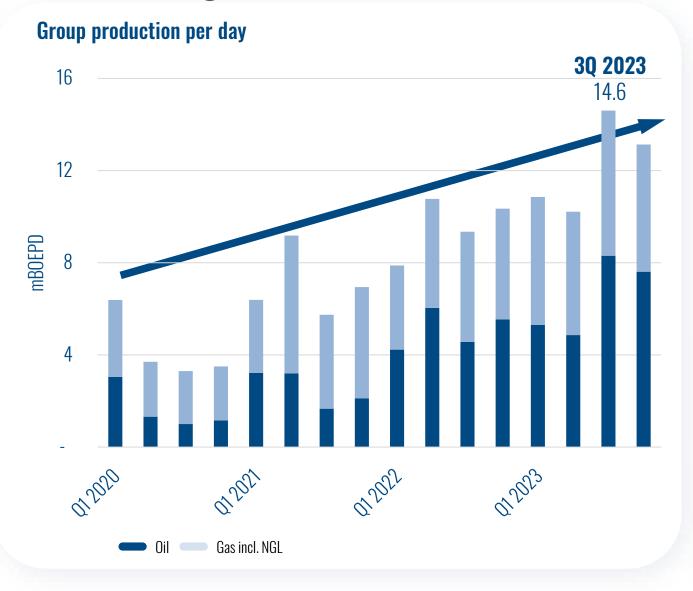
**Price performance since 25.09.2023 [in %] - EUR 100m bond 7.5%** 



### **Solid balance sheet**

- Successful maturity transformation
- No major maturity before 10/2028
- Bond 19/24 5.25%
  - Repayment EUR 20m 12/23
  - EUR 20m due 12/24
  - "Holding costs" bond 12/24 effective 1.5%

# **Production growth since 2020**



### **Group Production**

- Core production is crude oil natural gas & NGL (natural gas liquids - butane, propane) are also produced from all wells
- Oil production has low operating costs of 8\$/BOE, initial investment around 16\$/BOE
- Revenue per BOE at around USD 44 Rising trend (oil share WY)
- Oil is sold at the WTI price less transportation costs (approx. 2\$)

8.2 USD

74.9 USD

WTI Realized price

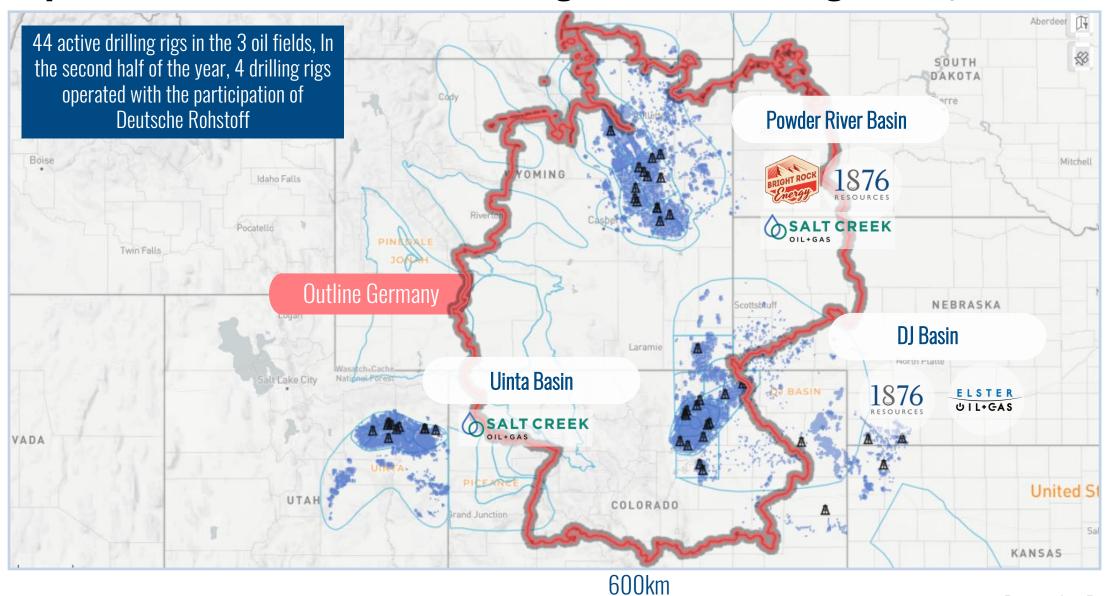
52 / 48

Oil / Gas Share [%]

80 / 20

Oil & Gas sales split

# We produce in three US states with high levels of drilling activity





# 2023 & 2024 continuous drilling program implemented

**EUR 20m Infrastructure** 

2023e-2024e

CAPEX - EUR 285m EBITDA - EUR 282-307m

	2023	2024	2025+
1876 RESOURCES  SALT CREEK OIL-OAS	<ul> <li>3 Lost Springs wells online since June</li> <li>4 wells online during 4Q</li> <li>6 wells since the end of 2022</li> <li>15 wells in production in 2023</li> <li>70 Non-OP holes</li> </ul>	<ul> <li>2+2 further wells online in 2024</li> <li>Further wells possible in 2024</li> <li>10 wells already drilled, completion 1Q24</li> <li>Bright Rock drilling program 3 wells</li> </ul>	<ul> <li>Area potential for over 100 wells</li> <li>CAPEX around EUR 10m per well</li> <li>+ EUR 1bn investment potential</li> <li>Inventory for many years</li> </ul>
BRIGHT ROCK Chergy	EUR 155m CAPEX Drilling 2023	EUR 80m CAPEX Drilling 2024	

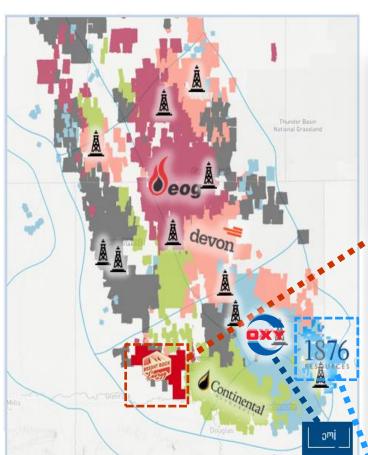
**EUR 28m expansion of Bright Rock** 

# Our areas in the Powder River Basin (PRB), Wyoming

- **High potential in Wyoming:** Currently 50% of our production from PRB, most of the area not yet developed
- Active oil field: Around 12 drilling rigs were active in the Powder River Basin in Wyoming in 2023 CAPEX p.a. of all companies at USD 2-3bn

### **Powder River Basin**

### 3 areas in Wyoming - together around 70,000 acres (28,000 hectares)



- Purchase 2020: 30k+ acre, 6 wells

1 well drilled in 2021

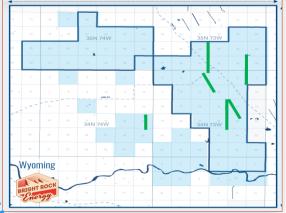
- Potential for up to 100 wells
- Highly prospective acreage

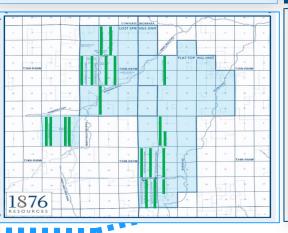
1876

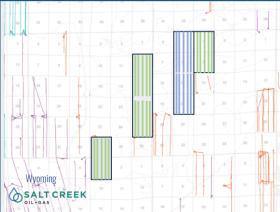
- Purchase 2021: 30k+ acres, 20 wells
- 9 wells drilled in 2023
- Potential for up to 100 wells
- Highly prospective acreage

Joint Venture exy

- JV since 2021
- 31 wells from 4 drill sites
- 150 million USD CAPEX DRAG
- Further 10 wells online 1H24

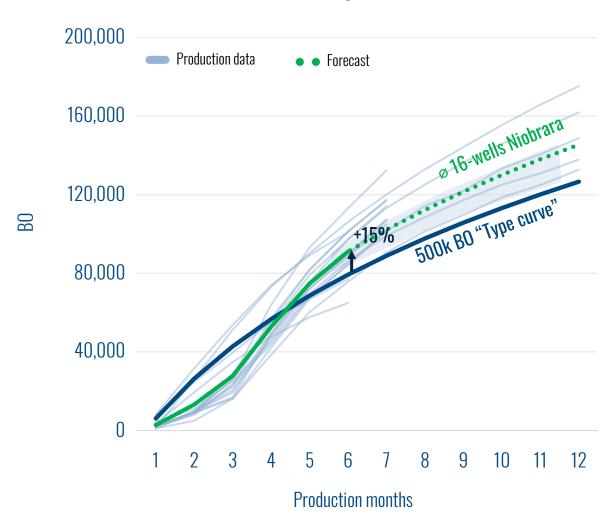






# **Drilling in Wyoming is developing positive**

### 16 Niobrara wells with 6 months + production history

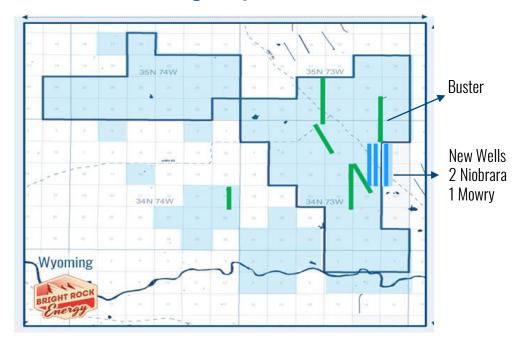


### **Good results from the drilling program**

- 16 wells drilled into the Niobrara formation.
- Drilled by US subsidiaries + Oxy JV
- Niobrara wells drilled above type curve to date
- Around 15% higher production after 6 months
- 4 wells in the Turner formation also above expectations (not shown)
- 1 Teapot well at 1876 already drilled

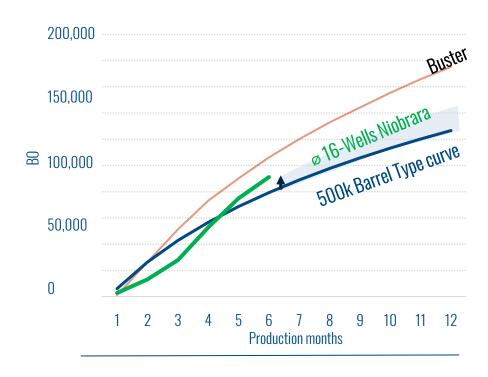
# Bright Rock continues successful development in Wyoming

### **Extensive areas with great potential**



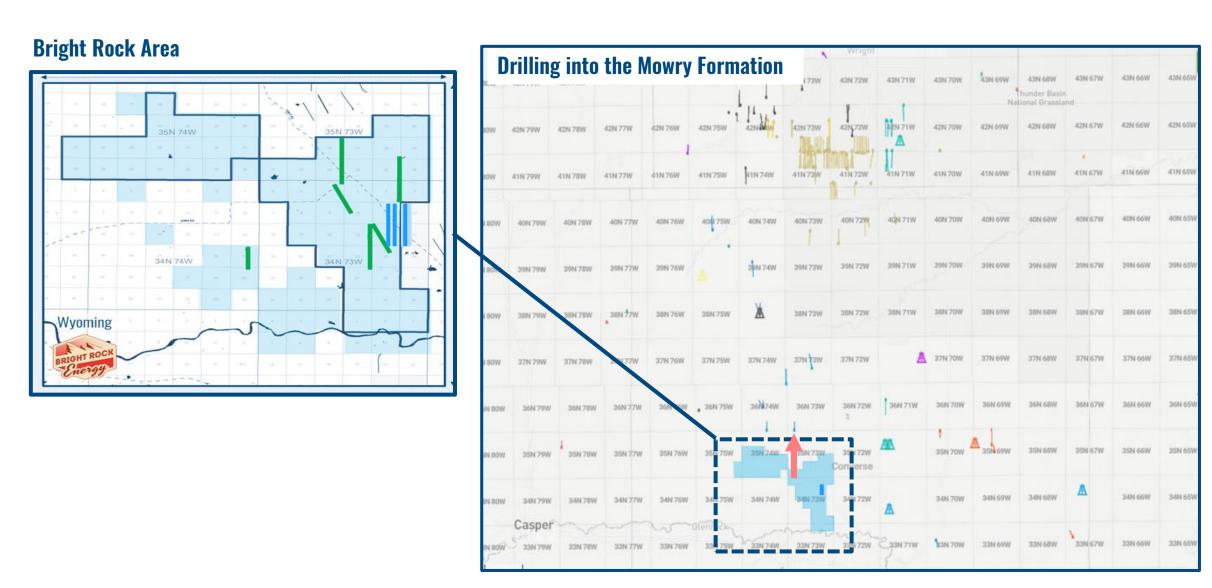
- 3 wells planned from the end of 2023
- Drilling in Mowry formation for the first time "Proof of concept" can significantly increase number of locations
- Completion in 2024 over the course of the year

### **Buster - one of the best wells**



- Buster drilling with extremely strong production
- Payback in less than 12 months
- Tighter spacing, i.e. 2-4 wells per well site suggest slightly lower production per well

# Mowry formation still underdeveloped but with great potential



# Strong hedge book - 2m BO hedged at around USD 76/BBL



## Metals - promising projects in the tungsten and lithium sector

Metal sector accounts for around 10% of our total assets. Attractive opportunities through electrification & battery sector

### **Almonty Industries**



- 13.5% share since 2014 through sale of a mine
- Tungsten producer in Portugal
- Developer of the largest mine outside China in South Korea - "Sangdong"
- Deutsche Rohstoff's stake in Almonty approx. 13.5%
- Total value of the investment around EUR 30m

### **Prime Lithium AG**



- Focus on the processing of lithium
- Focus on process and technology
- Demand for lithium is growing exponentially
- R&D Center in Stade Chemical Park

- German company, based in Hamburg
- Founded in 2021

### **EXAI Joint Venture**



- Early-stage lithium exploration in Western
   Australia
- JV with technology partner, using Big Data/Al to generate targets
- Identify exploration targets
- 70% share in the Joint Venture
- SensOre Ltd. as JV partner

### Highly profitable investment portfolio in the junior mining sector

Investments in listed companies

EUR 9m income since 2017  $\rightarrow$  EUR 2.5m in 2023  $\rightarrow$  Current value around EUR 5.5m



# Capital Markets Days 2023 – Part II

22. November 2023

## High investments lead to strong nine-month figures

#### **Income statement items**

EURm	9M 23	9M 22	↑ <i>in %</i>
Revenue	136.6	118.2	12%
Other operating income	7.3	15.1	-52%
Cost of materials	24.7	19.9	24%
Personnel expenses	4.4	3.9	14%
Other expenses	9.2	7.1	28%
EBITDA	101.6	102.3	-1%
Depreciation & Amortization <sup>1)</sup>	43.3	31.1	31%
EBIT	58.3	69.3	-16%
Financial result	4.8	4.3	13%
EBT	53.4	65.0	-18%
Taxes	10.1	12.4	-19%
Group result	42.6	47.6	-10%
Earnings per Share	8.51	9.50	-10%

<sup>1)</sup> Depreciation and amortization also includes write-downs of financial assets and marketable securities

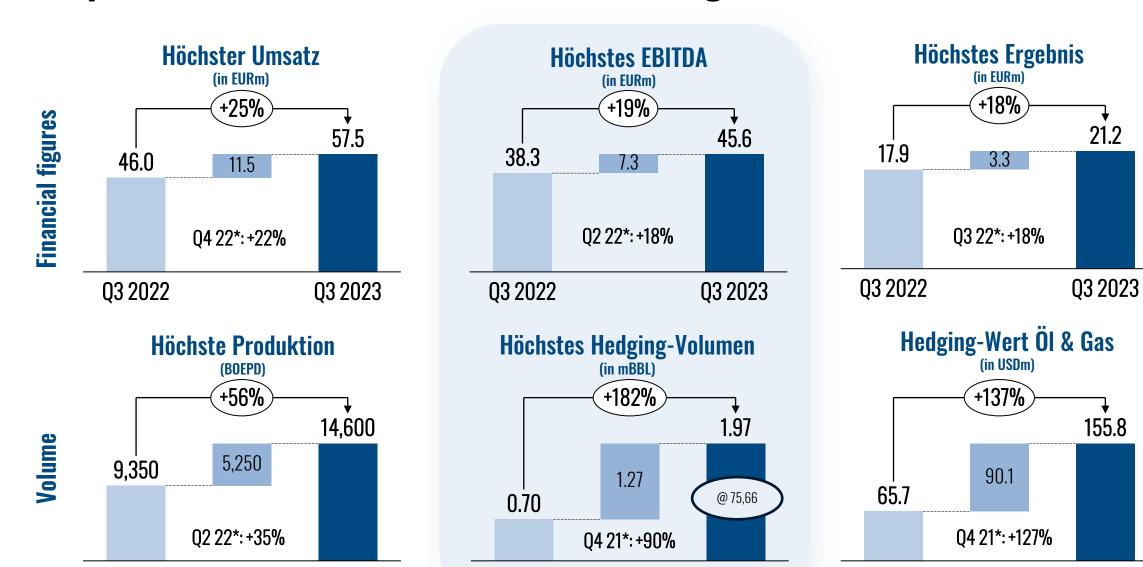
### **Balance sheet & Cash Flow items**

EURm	9M 23	2022	↑ <i>in %</i>
Balance Sheet Total	472.6	350.3	<i>35%</i>
Property, plant and equipment	288.8	192.6	50%
Equity	172.7	132.4	30%
Equity Ratio	36.5%	37.8%	-1.3%p
Liabilities	213.8	149.9	43%
Financial liabilities	171.9	109.9	56%
Cash and cash equivalents <sup>2)</sup>	76.1	54.2	41%
Net debt	95.7	55.6	72%
Net Debt-EBITDA Ratio <sup>3)</sup>	0.7	0.4	<i>72%</i>
Operating Cash Flow *	96.0	108.1	-11%
Investing Cash Flow *	-125.0	-65.2	- <b>92</b> %
Free Cash Flow *	-29.0	42.8	
Earnings per Share	1.3	0.6	117%

<sup>\*)</sup> Previous year's figure based on June 30, 2022 / all other figures based on December 31, 2022 2) Cash and cash equivalents are defined as bank balances plus marketable securities

<sup>3)</sup> Leverage ratio is defined as Net Debt / EBITDA (Q4 22)

## 3rd quarter 2023: New records for financial figures and volume



Q4 2022

Q3 2023

Q4 2022

Q3 2023

Q3 2022

Q3 2023

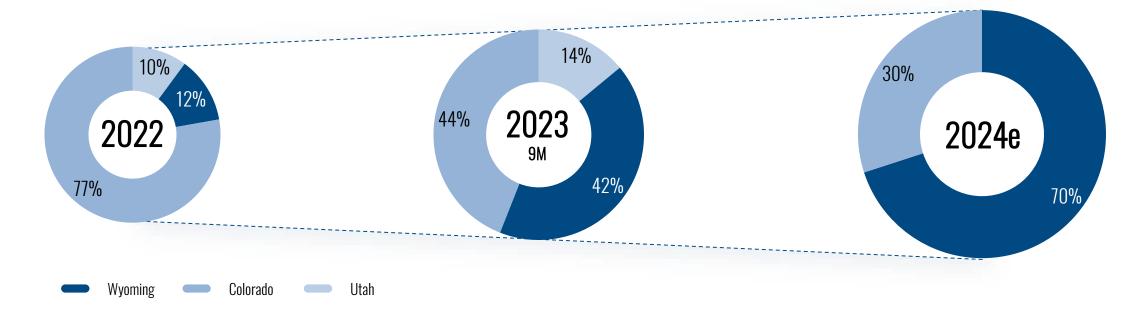
155.8

21.2

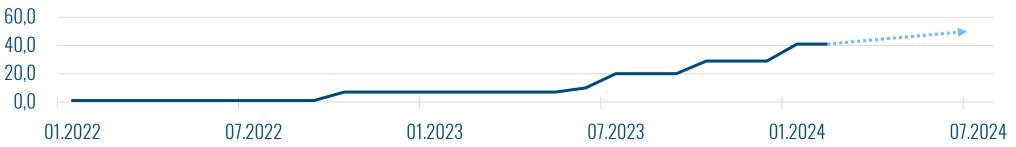
<sup>\*</sup> Previous quarter with the highest value with regard to the key figure shown, earnings figures based on operating earnings excluding divestments

# **Wyoming with the largest volume share**

### **Volume (BOE) by region**

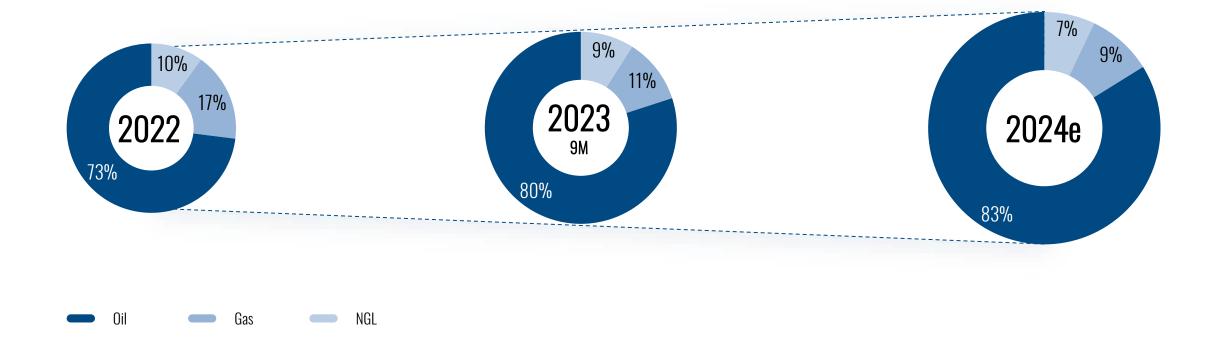


### **Drilling in the Powder River Basin (Wyoming)**

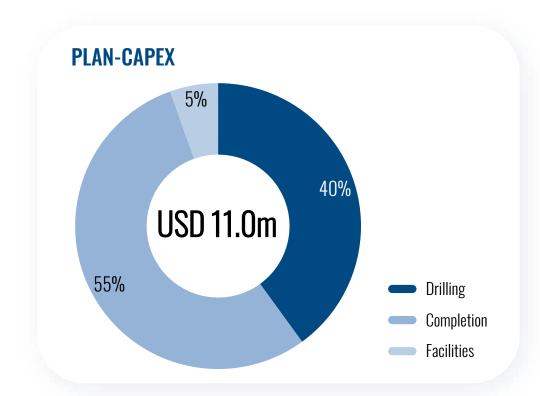


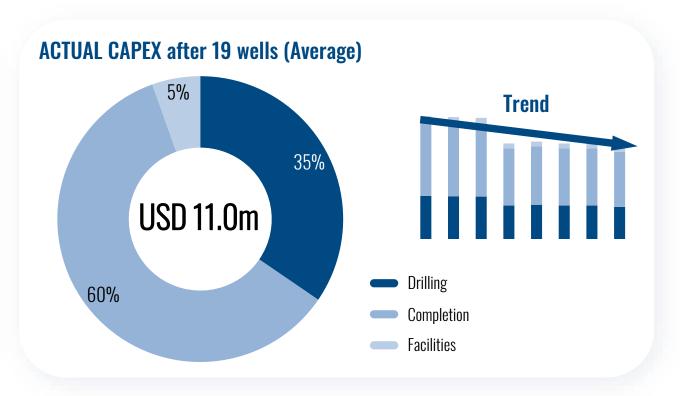
## As sales in Wyoming grow, so does the oil share

### **Sales by product**



## Planning assumptions for CAPEX confirmed after the first 19 wells





### **Evaluation after 19 drillings**

- Planned capital expenditure for a well in the Niobrara formation of USD 11m was confirmed (average: USD 11.02m)
- Higher CAPEX for completion was offset by lower CAPEX for drilling
- CAPEX shows a positive (decreasing) trend so that CAPEX below USD 11m can be expected in the future

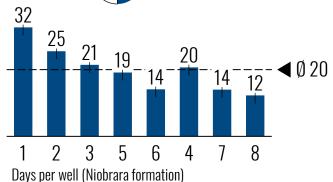
## **Wyoming efficiency gains: good progress and more to come**

### Days per well

- Significant reduction in cycle time achieved
- $\checkmark$



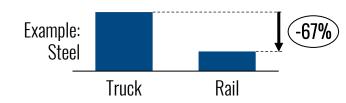




### **Transport**

- Transportation and logistics key cost drivers (steel, sand, equipment)
- Potentials





#### Fresh water

Construction of own reservoirs completed



BUT: Completion design enlarged for higher delivery volume, resulting in water volume +30%

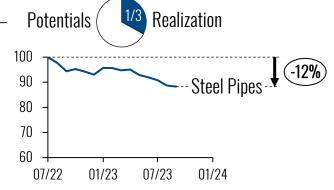


### **Used water**

- Partial reuse of used water in preparation for first completion at the end of 2023
- Reduction of transport routes as part of the further expansion of infrastructure
- Potential not yet realized

### **Steel**

Over 9.2 km of steel per well

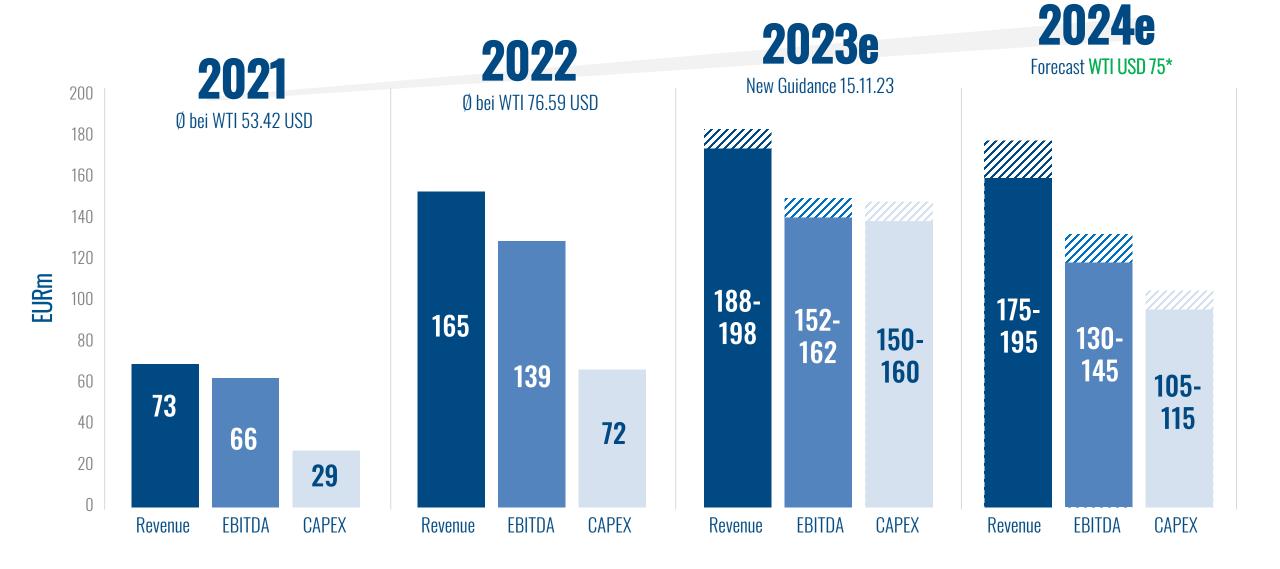


Source: FRED St. Louis, Producer Prices for Steel Pipes

### **Continuous improvement**

- Mindset: "Be 1% better every day than yesterday"
- Permanent presence on site
- Exchange with large company managers
- Openness to new ideas & willingness to implement them directly

## Outlook 2023 - 2024

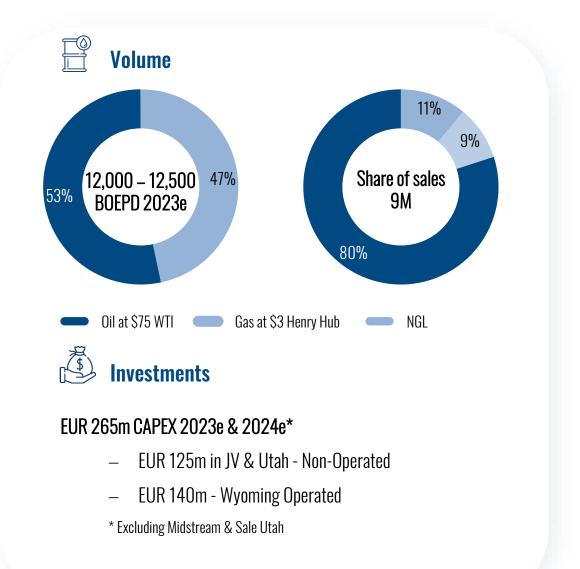


# Prognose 2023 und 2024 im Detail

## Global oil demand on the rise

	Base so	Base scenario	
	2023e	2024e	
Revenue EURm	188-198	175-195	
EBITDA EURm	152-162	130-145	
Underlying assumptions:			
Oil price USD	75,00	75,00	
Gas price USD	3,00	3,00	
Exchange rate USD/EUR	1,08	1,12	

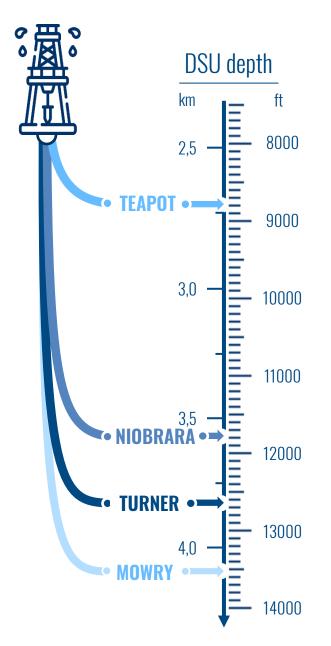
Elevated scenario
2024e
190-210
155-170
85,00
3,00
1,12



# Outlook: Debt ratio falls due to high EBITDA and the Utah deal

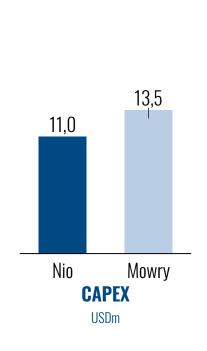


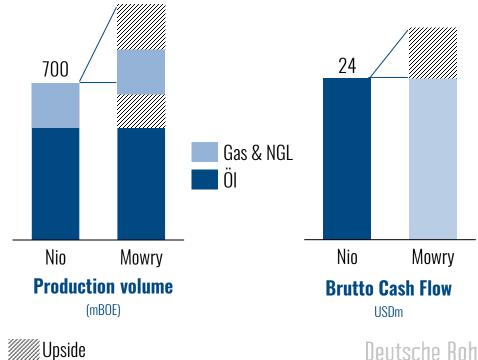
## Mowry formation has an attractive risk/reward profile



### **Evaluation**

- The greater drilling depth of around 13,500 feet (> 4 km) increases the investment costs
- Reference wells are expected to yield the same to significantly higher volumes for oil & gas
- This results in attractive "upside potential" for gross cash flow and reserves





# Erfolgreiches Wachstum in den USA zahlt sich aus



entry
US & first exit
US oil assets

Establishment of subsidiaries
Diversification new oil fields



## Glossar

BO bzw. BBL	Barrel oil	
BOE	Barrels of oil equivalent (oil, gas, NGLs)	
BOEPD / BOPD	Barrels of oil equivalent per day / barrels of oil per day	
Brent	Brent is a European crude oil	
CAPEX	Capital Expenditure (defined as Investing Cash Flow for reasons of simplification)	
CF	Cash Flow	
CO	Colorado	
DRAG	Deutsche Rohstoff AG	
DSU	Drilling spacing unit	
E&P	Exploration & Production	
EBIT	Earnings Before Interest and Taxes	
EBITDA	Earnings before Interest, Taxes, Depreciation and Amortization	
EBT	Earnings Before Taxes	
Enterprise Value (EV)	Enterprise value is the measure of the total value of a company; EV = Market Capitalization + Net Debt	
ESG	Environmental, Social and Corporate Governance	
EUR	Euro	
FCF	Free Cash Flow	
HGB	German Commercial Code	
Henry Hub (HH)	Pricing point for natural gas futures contracts traded on NYMEX, considered the benchmark for natural gas prices in North America	
LOE	Lease Operating Expenses - operating expenses for leases (reported in the cost of materials item in the HGB income statement)	
		HEHRSCHE KUNSTOTT

## Glossar

Market Cap	Market capitalization: Refers to the total market value of a company's outstanding shares
•	
mm/mBOPD	Millions/thousands of barrels of oil per day
mm/mBOE	Million/thousand barrels of oil equivalent
MCF	Thousand cubic feet
Mio.	million
Mi	Miles
Mrd.	Billion
MMBTU	Millionen British Thermal Units
Mt	Metric tons
NGL	Natural Gas Liquids: Ethane, Propane, Butane
OPEC	Organization of the Petroleum Exporting Countries
OPEX	Operating expenses
P&G	Processing & Gathering
EURm bzw. USDm	Million euros or US dollars
TWh	Terawatt hour
USD	US-Dollar
UT	Utah
WI	Working interest: share of producing wells, unweighted by length
WTI	West Texas Intermediate crude oil
WY	Wyoming
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