



OAX: NOM

Company presentation
June 2016



Exploration and production of high-end minerals and metals

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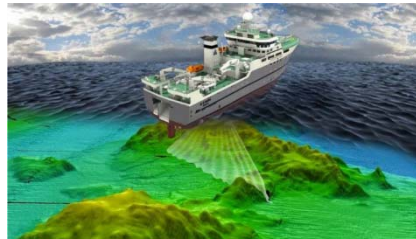
Developing high-value assets in the Nordic Region



Titanium - natural rutile



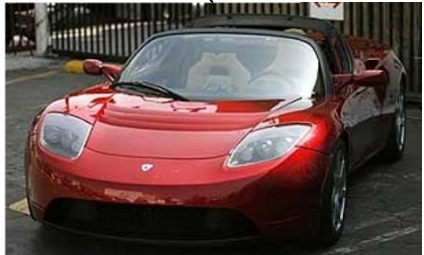
High Purity Quartz



Seabed minerals



Platinum, Palladium



Lithium





Lighter aircrafts



Clean air



Minerals for a sustainable future



Renewable energy



Electric cars



Rights Issue opens 9 June 2016

Purpose to finance PFS for the Engebø rutile project as the next value-adding milestone*

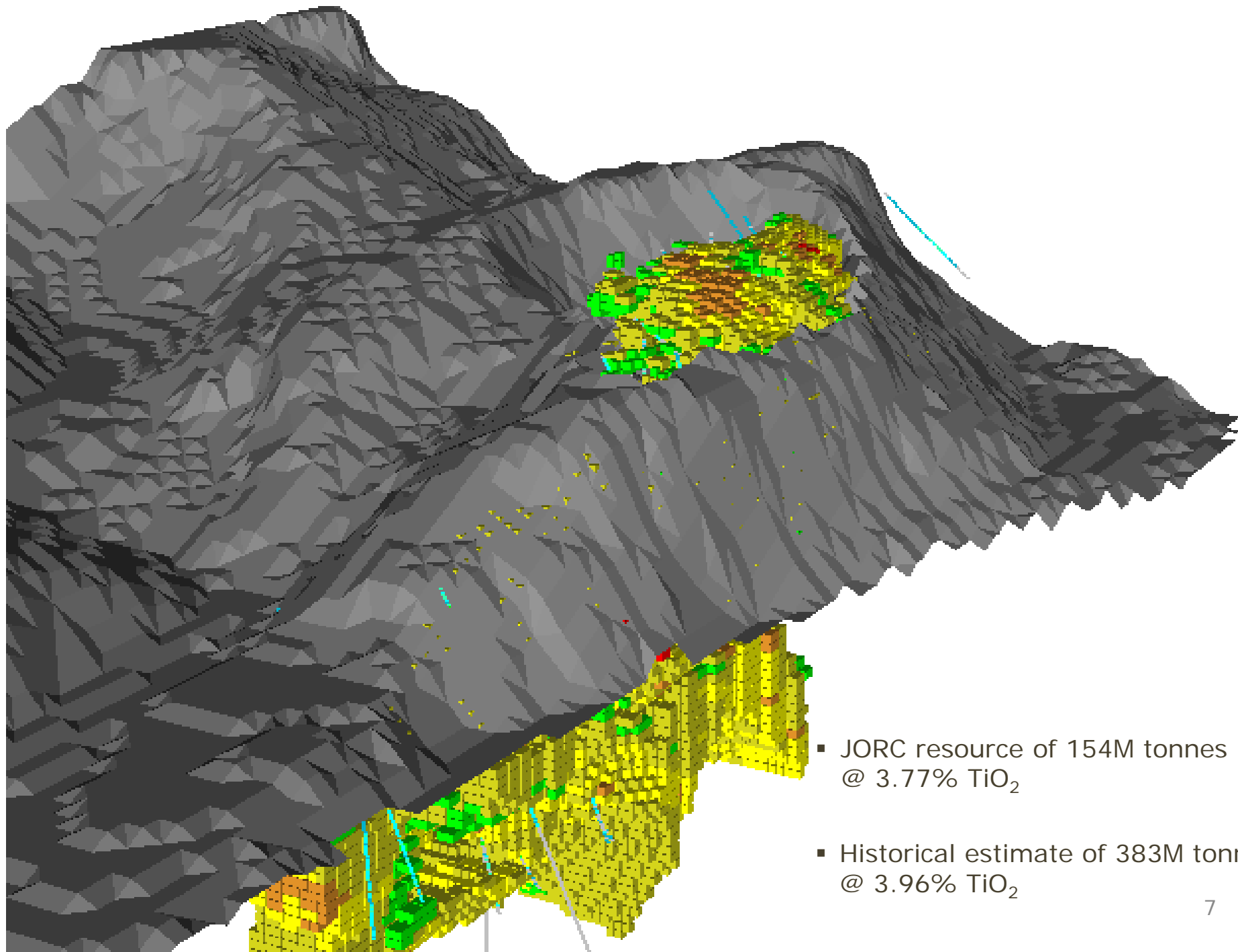
- Rights Issue of up to 170,000,000 Offer Shares
- Subscription price NOK 0.50 per Offer Share
- Proceeds from the Rights Issue; in total up to NOK 85 million will be used primarily to complete the Pre-Feasibility Study for the Engebø rutile project, targeted completion in Q1 2017
- The PFS activities will include e.g. mine planning, processing test work and optimisation, planning of infrastructure incl. process water and hydroelectric power, cost estimations of Capex/Opex, and financial analysis
- A revised resource model with resource estimations and classifications in accordance with the JORC Code will be completed in Q3 2016
- Subscription period from 9 June until 23 June 2016 at 16:30 (CET)
- Trading period for Subscription Rights from 9 June until 21 June 2016 at 16:30 (CET)





Engebø titanium

- ✓ One of the world's largest deposits of natural rutile
- ✓ Has the highest grade among current producers and projects
- ✓ Impurities at background levels
- ✓ Located next to tidal waters and European markets
- ✓ Permitted for 50 years of operation
- ✓ Garnet as valuable by-product

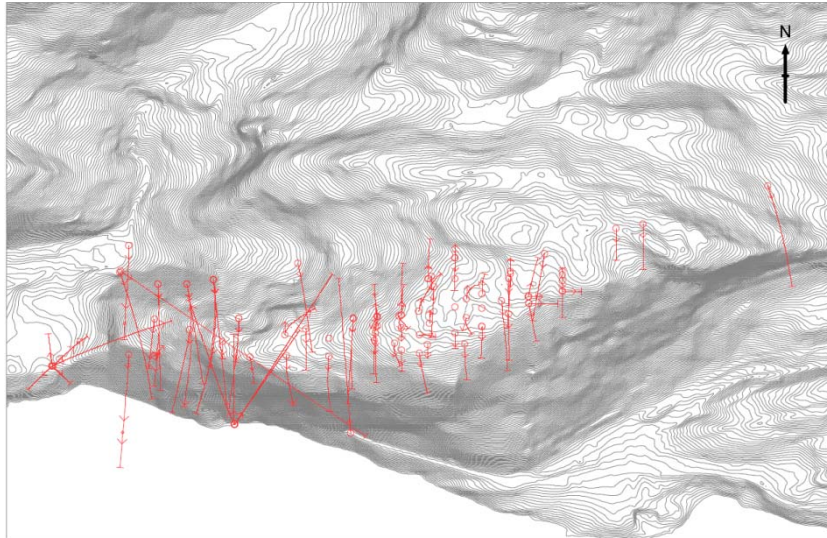


- JORC resource of 154M tonnes @ 3.77% TiO_2
- Historical estimate of 383M tonnes @ 3.96% TiO_2

Well-defined deposit

Core sample drilling completed in April 2016

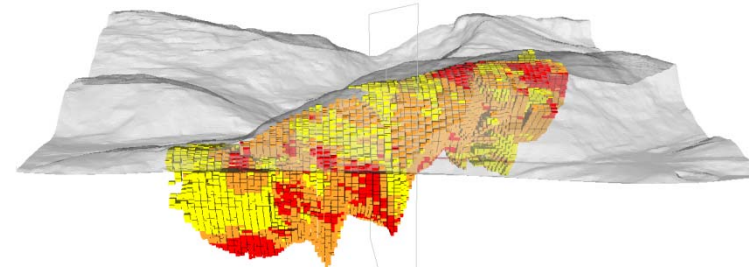
Total of 87 exploration and geo-tech drill holes



- A total of 21,400 meters drilled
- 1,129 surface samples
- > 50 000 TiO₂ analysis
- Block model - ordinary kriging

JORC Resource*

Resource class JORC	Mill tonnes	TiO ₂ % @ 3% cut-off
Indicated	31.7	3.77
Inferred	122.6	3.75
Total	154.3	3.77

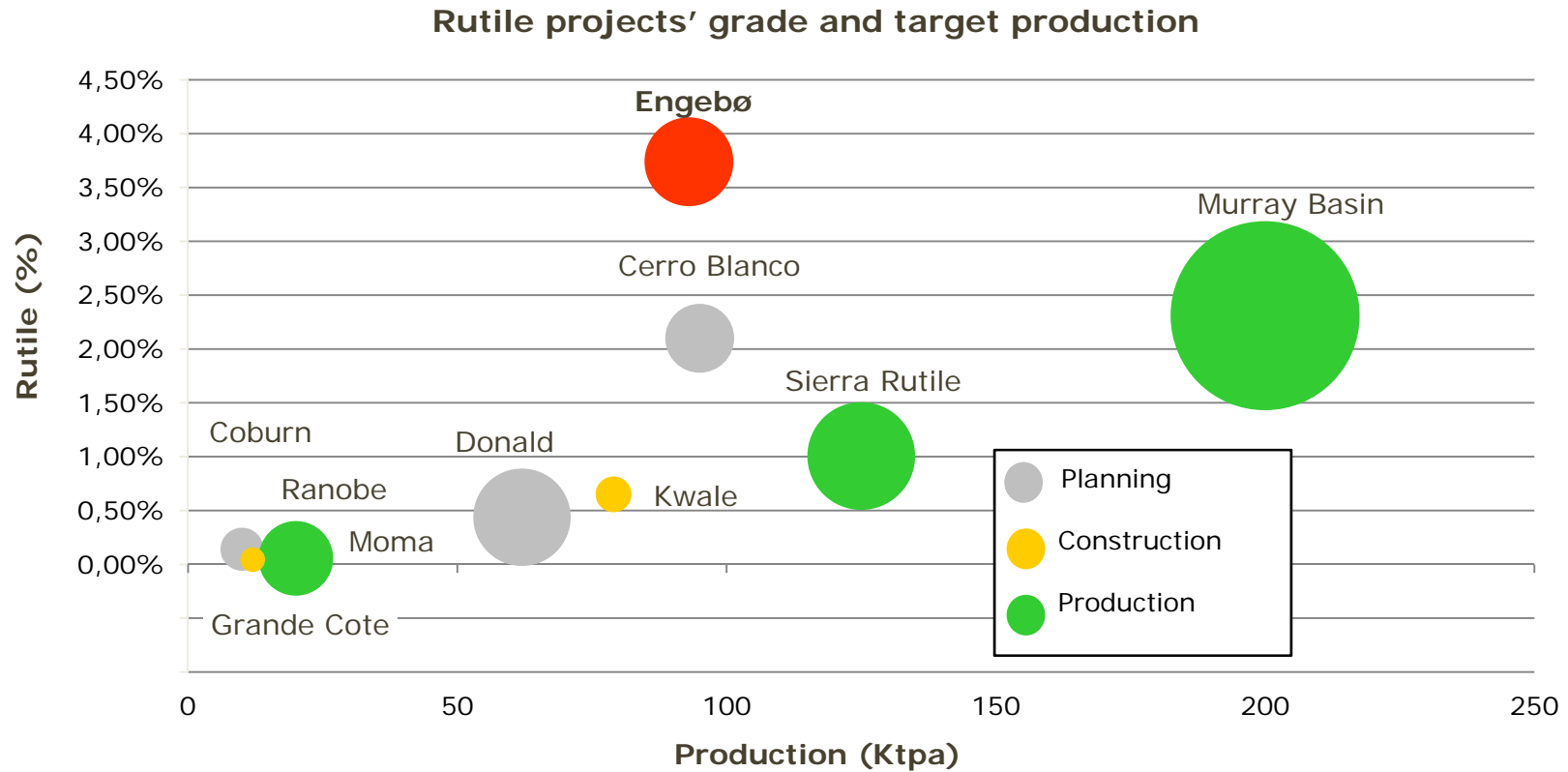


Considerable JORC compliant resource estimate with upside potential



Note (*): Refer to Scoping Study by Wheeler and Dowdell for resource statements

Engerbø is among the largest rutile deposits in the world

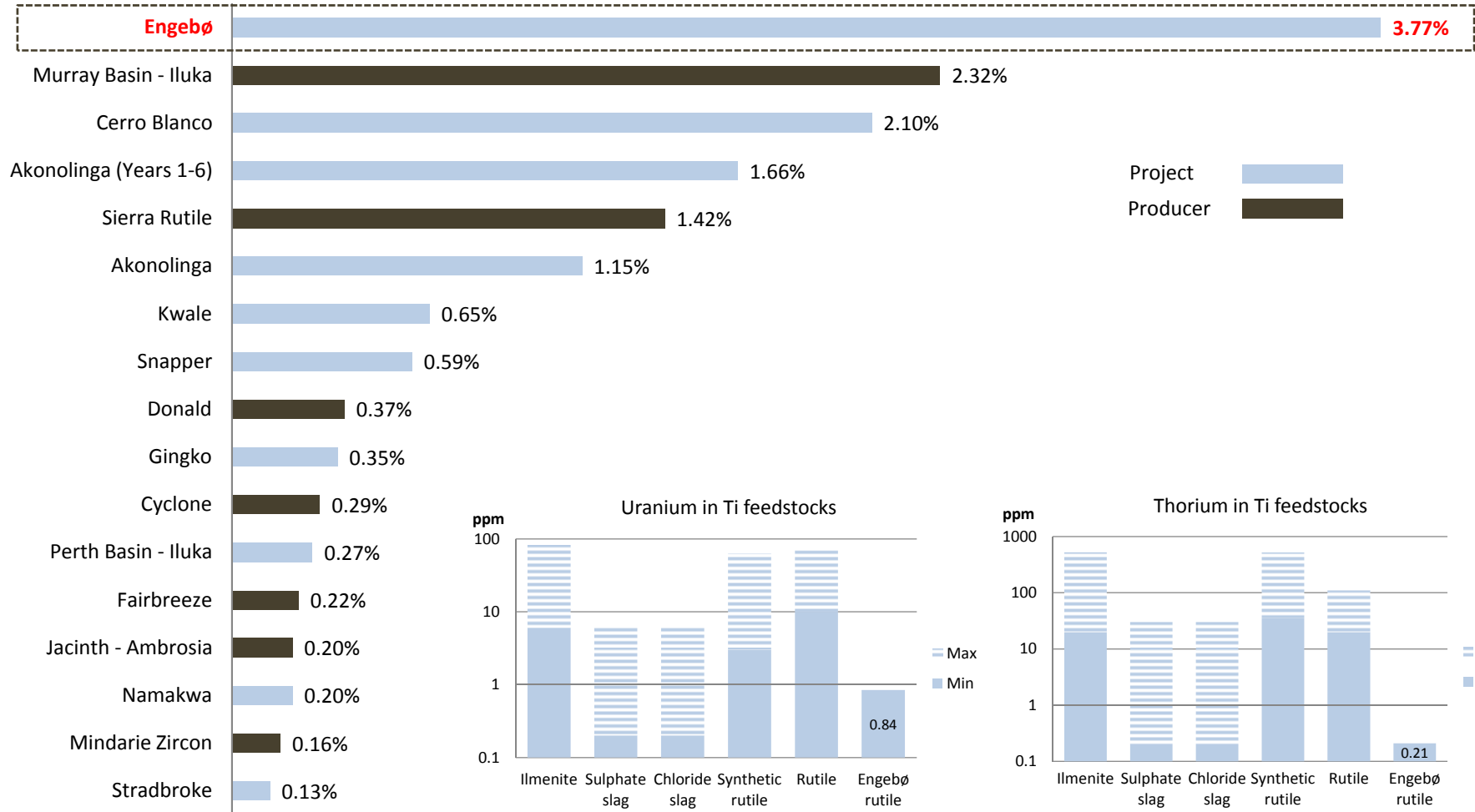


Size of bubble indicates resource size



The highest rutile grade and lowest impurity content

Rutile grade for current feedstock producers and planned projects



High grade ore with low impurities brings processing benefits and premium pricing

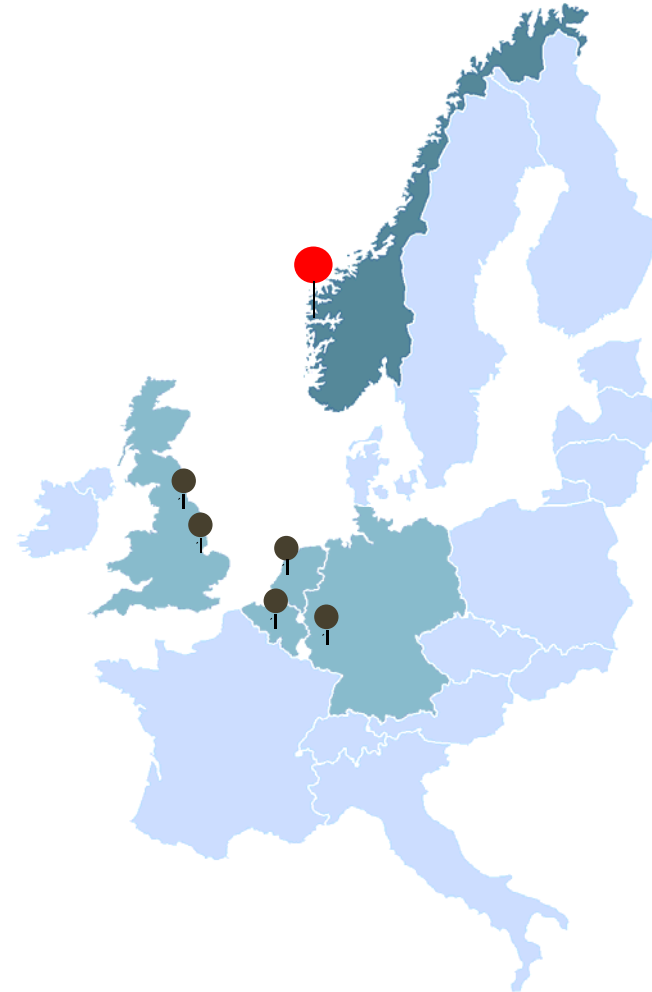
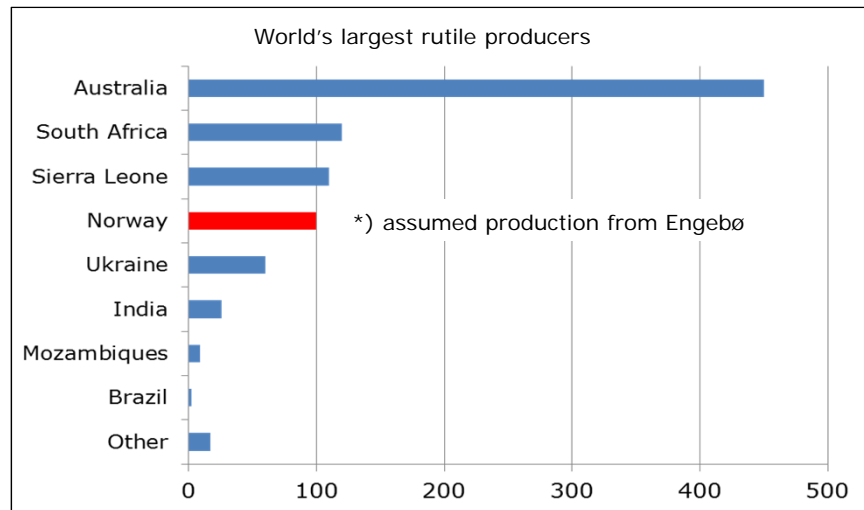


Source: Company websites, "Production of titanium dioxide" (2007) by Fahli and Martin-Matarranza

European pigment majors will be future customers

Regional, stable supply brings customer benefits

- Substantial freight reduction compared to existing supply
- Plant-to-plant shipment
- Simple logistics improve working capital, storage and planning
- Several European customers can each take Engebø's annual production



Significant supply deficit in Europe makes regional rutile production attractive



Why is rutile an attractive mineral?

- *Has unique opacity and reflection characteristics*
- *Environmentally friendly, and the most effective pigment component*
- *Biocompatible, gives no reactions from the human body*
- *Effective reflection of UV radiation*
- *Becomes a strong, light and 100% non-corrosive metal*



The TiO₂ value chain from mine to consumer



Mining

- Rutile is mined from ore or mineral sands producing a rutile concentrate



Processing

- Rutile is processed through chlorination in reactors which produces TiO₂ pigment
- Optional metallurgical process to produce titanium and related alloys



End use

- Majority of TiO₂ feedstock is used in production of pigment for paints, plastics and paper
- Approximately 5% is used for titanium

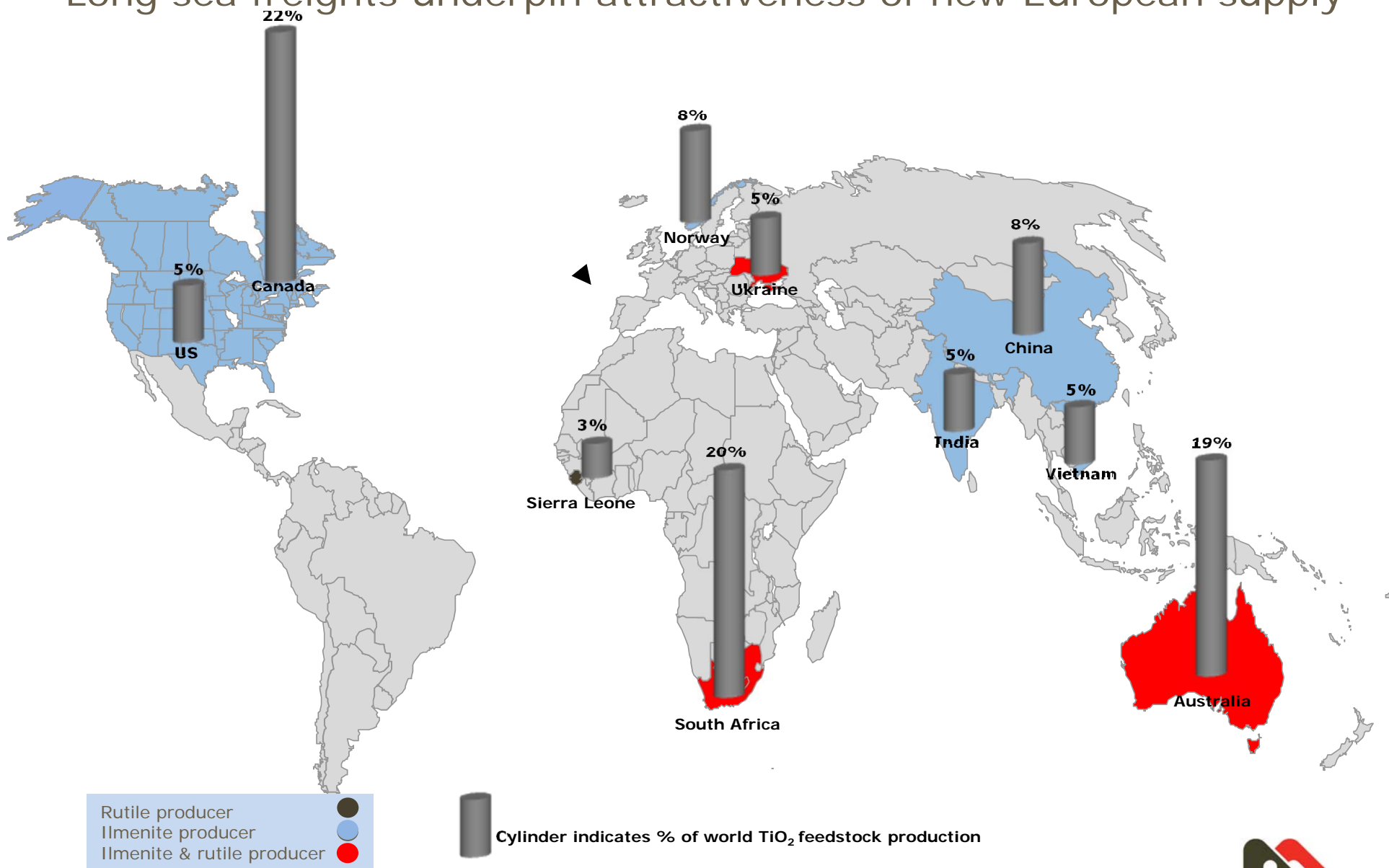
Natural rutile implies improved production and less waste vs ilmenite and other feedstock:

- ✓ **Lowest consumption of ore**
- ✓ **Lowest consumption of chloride**
- ✓ **Less waste**
- ✓ **Lower production costs**

TiO₂; small part of total cost for end-use manufacturers with few viable substitutes



Long sea freights underpin attractiveness of new European supply



European feedstock consumption is 30% of world total; production less than 13%

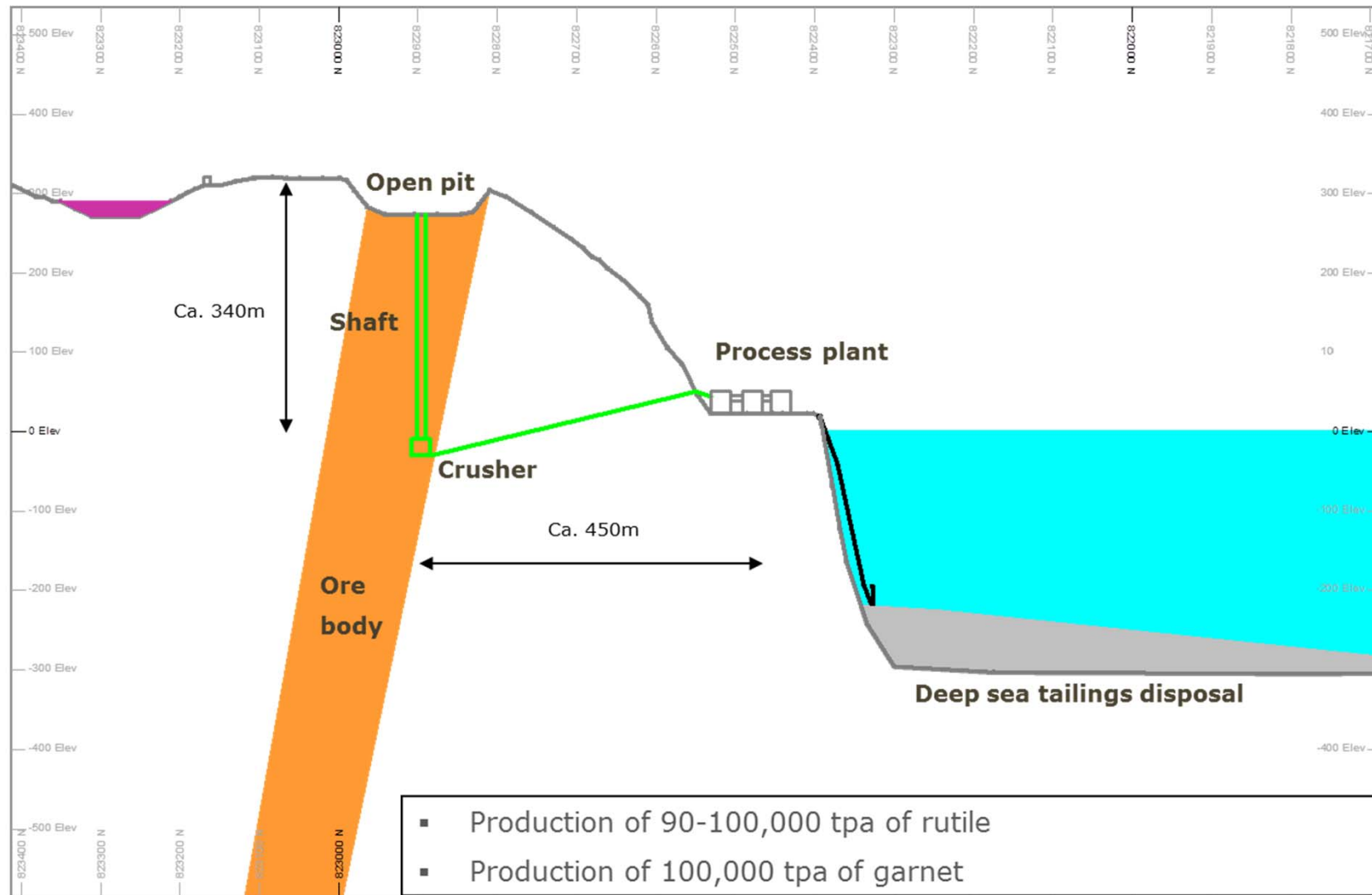


Garnet, by-product with benefits for the environment

- Preferred sand-blasting medium, replacing sand with contents of free silica
- Garnet is used as the primary cutting medium in water-jet cutting machines
- Annual global production of garnet is approximately 2 million tonnes
- Broad price range depending of qualities
- Water-jet quality is typically sold for USD 445 per tonne delivered in Norway
- MOU signed with a reputable international industrial minerals producer



Favourable project logistics and configuration



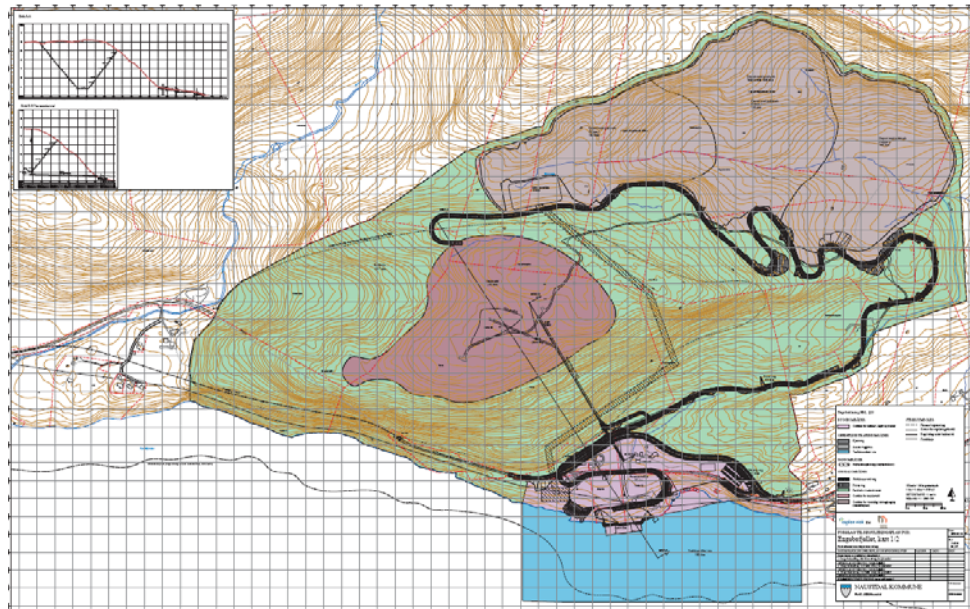
Principle illustration

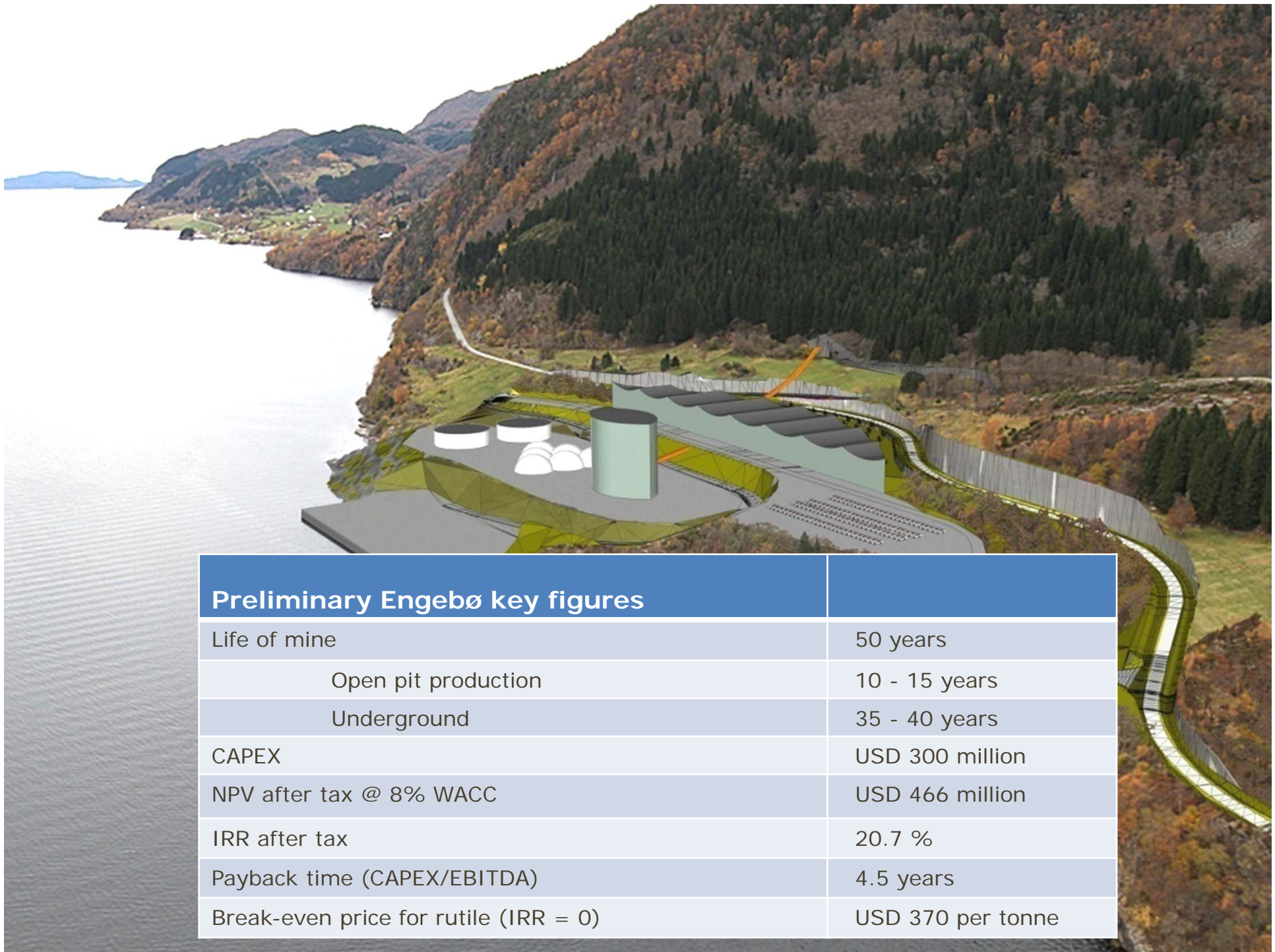
Efficient and area-tight concept, minimum transportation costs



Favourable topography - Easy access to underground areas

- Combined open pit and underground mining
- Low waste rock ratio (0.45 : 1 (waste /ore))
- Glory hole with short haulage distance (< 600 m average)
- Low Capex on establishing underground operations





Preliminary Engebø key figures	
Life of mine	50 years
Open pit production	10 - 15 years
Underground	35 - 40 years
CAPEX	USD 300 million
NPV after tax @ 8% WACC	USD 466 million
IRR after tax	20.7 %
Payback time (CAPEX/EBITDA)	4.5 years
Break-even price for rutile (IRR = 0)	USD 370 per tonne

Preliminary capital cost and OPEX estimates*

Capex estimate	USDm
Royalties and land acquisition	13
Infrastructure and civil	83
Mine	17
Crushing facility	22
Wet process package	107
Dry process package	55
Laboratory and misc.	4
Total	300

OPEX estimates (open pit)	USD/t rutile
Ex. by-product credit	550
Incl. by-product credit	185

Peer comparison Sierra Rutile **	USD/t rutile
Incl. by-product credit 2014	646
Incl. by-product credit 2015est.	595-615

- The preliminary capital cost estimate includes approx. 20% contingency
- Capex review will be part of the continued project planning process
- Total construction time of 24 months
- Deep sea key already in place, ready to use
- Estimates based on comparable operations in Norway and internationally
- By-product credits mainly from garnet which is produced without significant additional costs

Simple ore and product logistics reduce investments, OPEX and overrun risk



Note (*): Assumptions and estimates are based on preliminary internal assessments
 Note (**): Company reports

Positive long-term price outlook for rutile

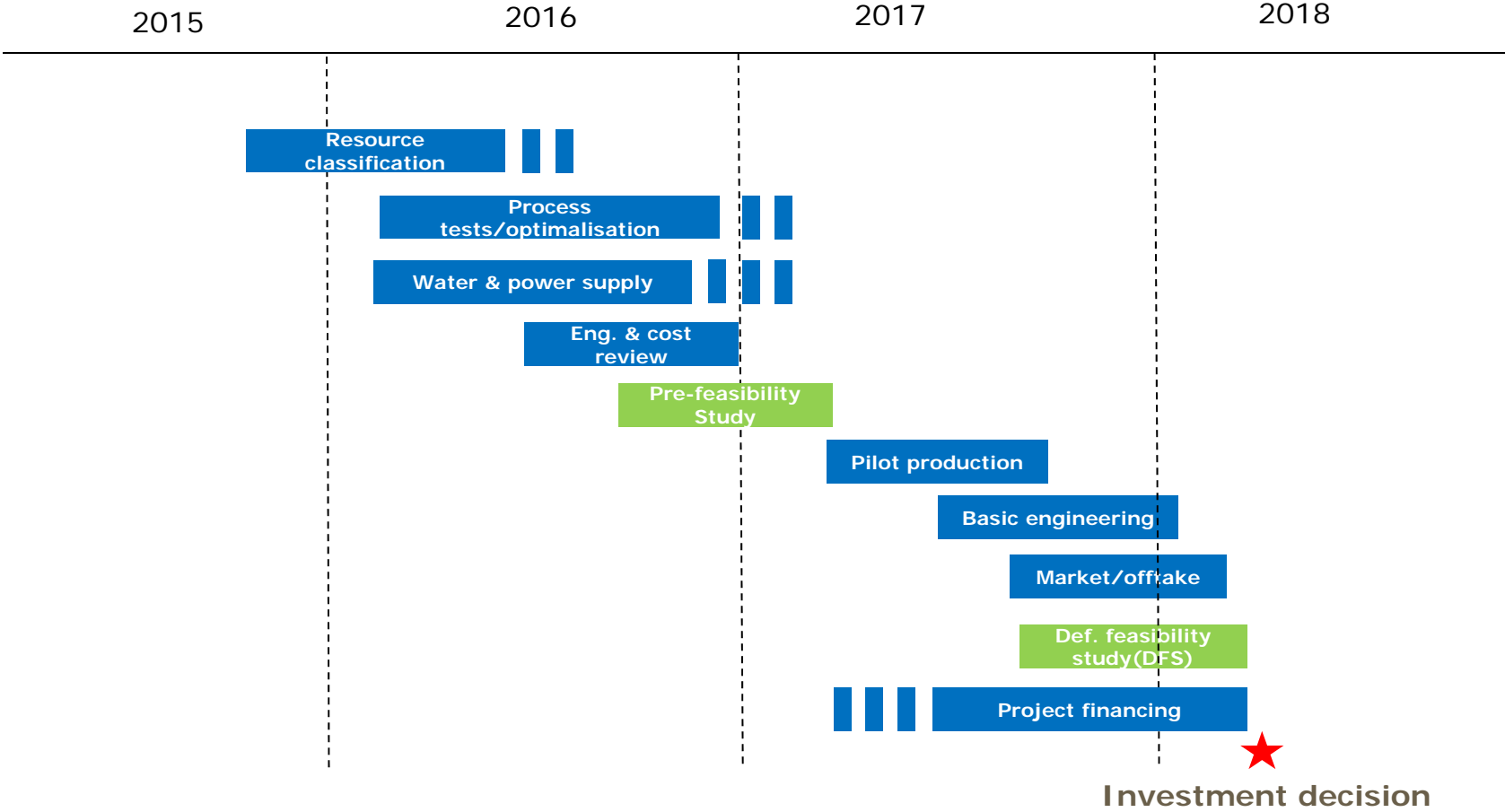
Selected research reports from Q1 2016 (Price forecasts in USD per tonne rutile)	2016	2017	Long-term
Royal Bank of Canada (RBC)	813	900	1,100
UBS	800	875	1,300
J.P. Morgan	698	677	1,000
Credit Suisse	750	800	1,250
Investec	763	838	1,020
Maquarie	700	680	810
Goldman Sachs	700	700	750
Numis	777	906	1,100

Rutile price sensitivity	Low	NM base case	High
Rutile price (USD per tonne)	800	1,000	1,250
NPV @ 8% (USD million)	281	466	670
IRR	16.2%	20.7%	25.2%

The average long-term price estimate is around USD 1,050 per tonne



Project development – tentative timeline



Development activities towards PFS

Activity	Further description
Resource classification	<ul style="list-style-type: none"> • Core drilling of 6,400 meters completed in the open pit zone; drill core analysis and geotechnical assessments ongoing • Resource modeling and estimations in accordance with the JORC Code 2012; targeted completion in Q3 2016
Process testwork and optimisation	<ul style="list-style-type: none"> • Further process tests and optimisation of flowsheet • Target: Increased rutile recovery and definition of cost-effective process solutions
Engineering and cost review	<ul style="list-style-type: none"> • Pre-engineering • Updated estimates for Capex/Opex
Supply of process water and hydropower	<ul style="list-style-type: none"> • Assessment of alternatives • Applications with supporting documentation
Technical advisor and PFS coordination	<ul style="list-style-type: none"> • Assessment of candidates ongoing • GAP analysis
Project management and corporate support	<ul style="list-style-type: none"> • Lean project team; project leader and 2– 3 key persons • Support from corporate management

Permits in place – targeted completion of PFS in Q1 2017



Keliber - Moving forward in high-grade lithium



Project highlights

- Estimated 4.5 million tonnes Ore Reserves at an average grade of 1.10% Li_2O in the Proven and Probable categories (JORC Code 2012)*
- Demonstrated +99.9% Lithium Carbonate product
- Estimated NPV after tax @ 8% of EUR 97 million in Pre-Feasibility Study
- Estimated payback time of approx. 4 years



Key features

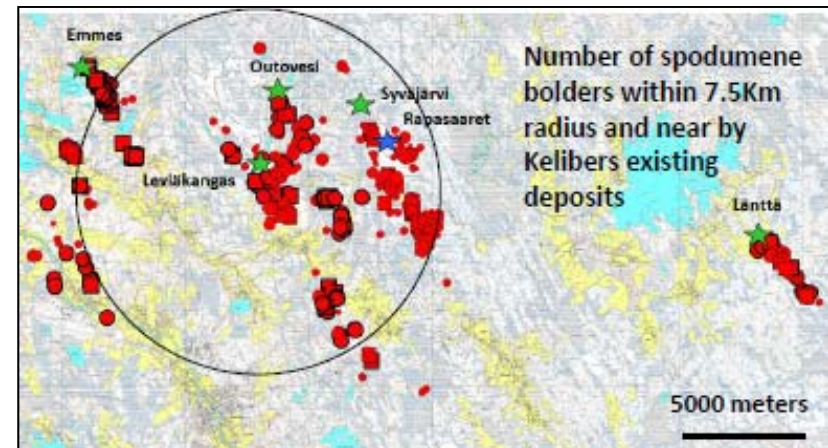
- All permits in place for the Lanttä deposit
- Located close to processing industry cluster with excellent infrastructure and port facilities
- High growth rate forecasted for rechargeable batteries; both for EV/HEV and for renewable energy storage
- Tightening supply/demand balance for Lithium Carbonate
- Ongoing price surge expected to continue



Note (*): Competent Persons responsible for the estimations are Markku Meriläinen and Pekka Lovén, Outotec (Finland) Ltd.

Prosperous lithium province provides exploration opportunities

Ore Reserves				
Category	Deposit	kt	Li2O%	JORC
Proven	Länttä	470	0,95	2012
Probable	Länttä	540	0,93	2012
	Syväjärvi	1 480	1,19	2012
	Rapasaari	1 750	1,09	2012
	Outovesi	250	1,20	
Proven and Probable		4 490	1,10	

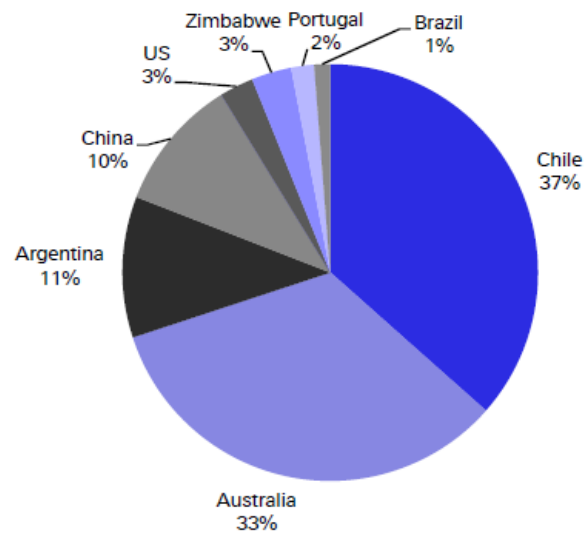


- All deposits will be mined as open pits
- All deposits are located within a 10–20 km distance from the processing plant

- The Central Ostrobothnia lithium province covers over 500 km² and is one of the most significant lithium areas in Europe
- The province provides excellent opportunities for exploration
- Keliber has secured several Exploration Rights and targets to increase the operative time for the project through successful exploration

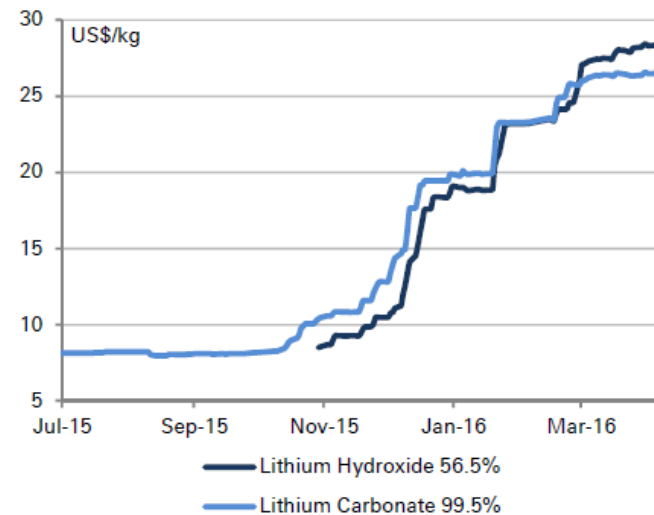
Deutsche Bank has published comprehensive Lithium report*

Figure 8: 2015 supply - by country



Source: Deutsche Bank, company data

Figure 9: Chinese domestic battery-grade lithium prices (2015-present)



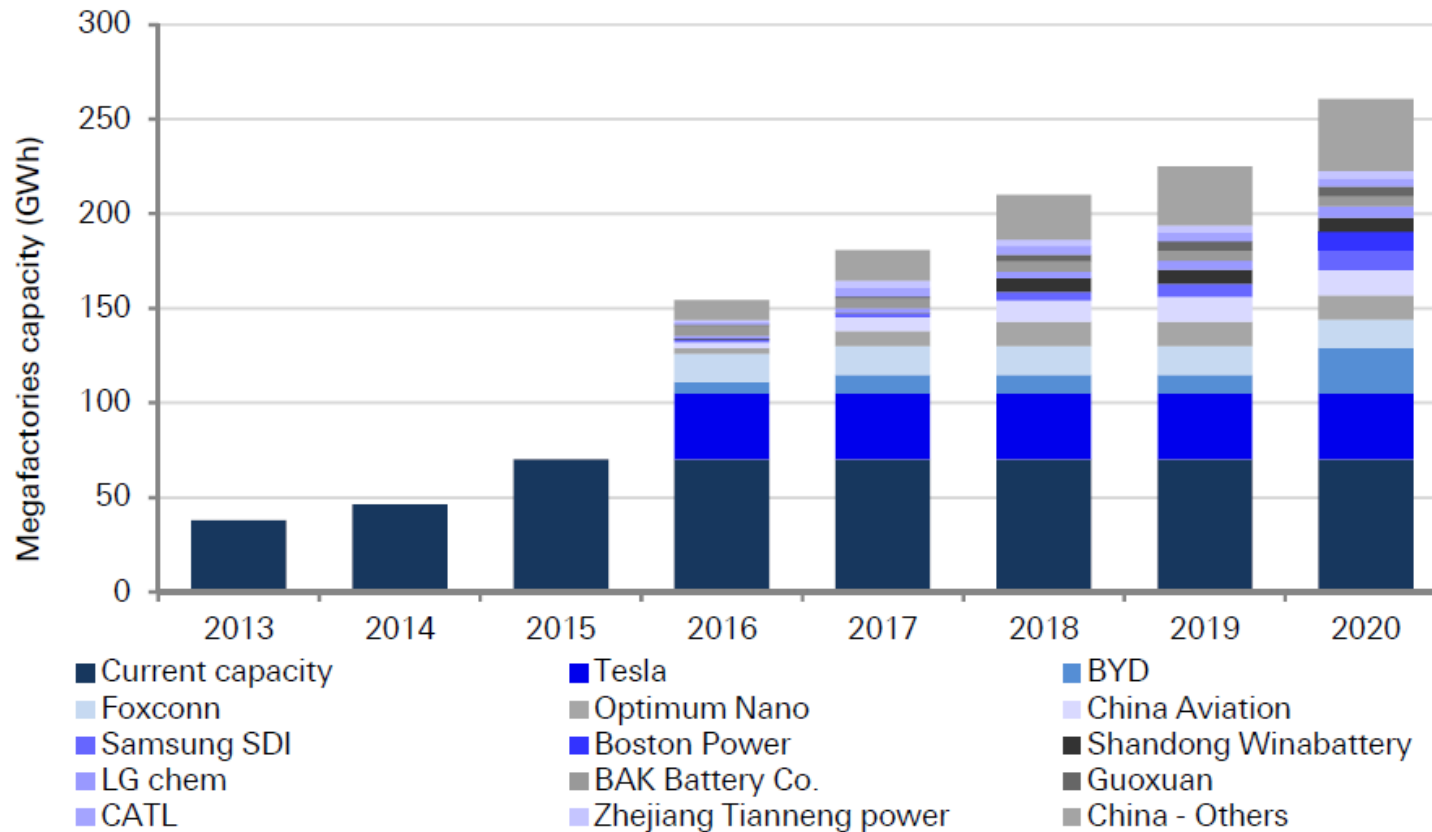
Source: Asianmetal

Price assumption in Keliber PFS: Appr. USD 8 per kg LC (average)



Strong growth forecasted

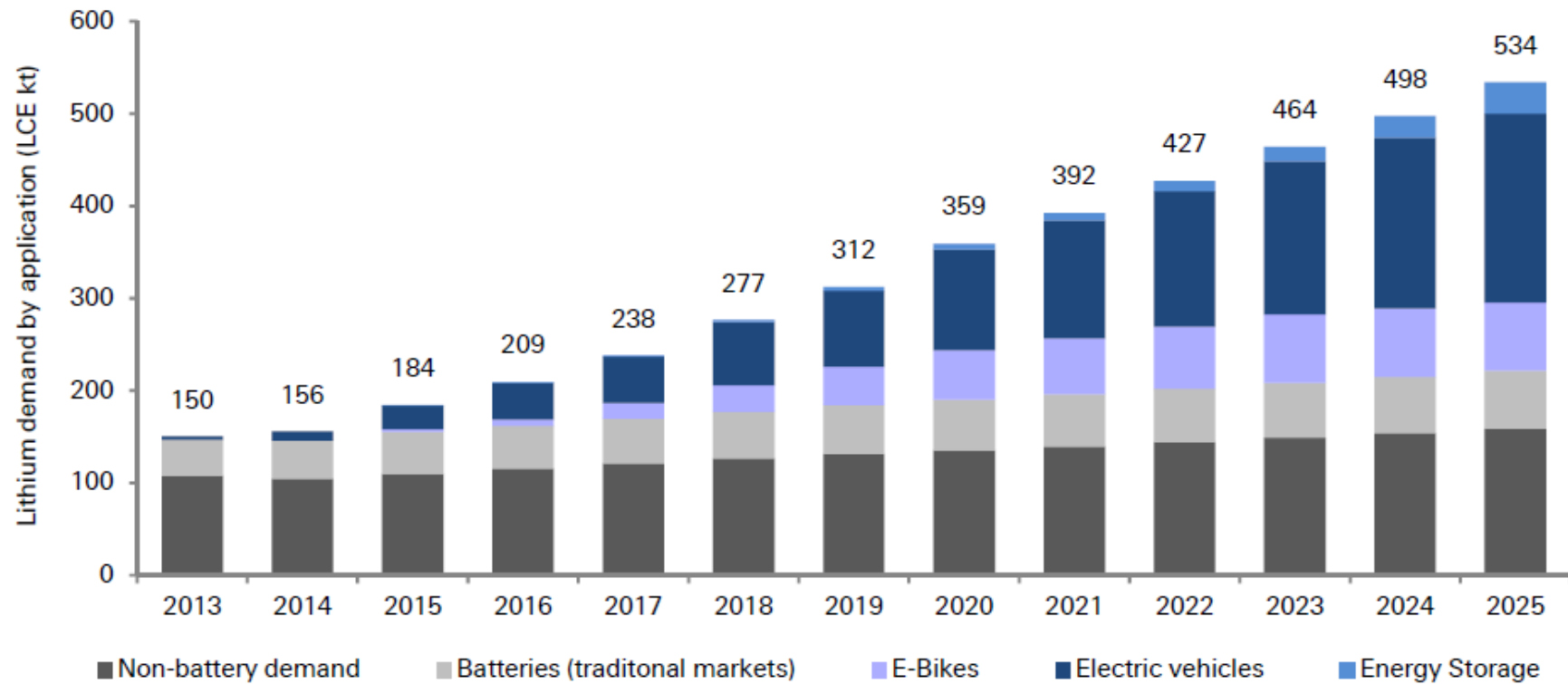
Figure 21: Significant investment is underway on the battery supply chain



Source: Deutsche Bank; BMI

Driven by the EV market

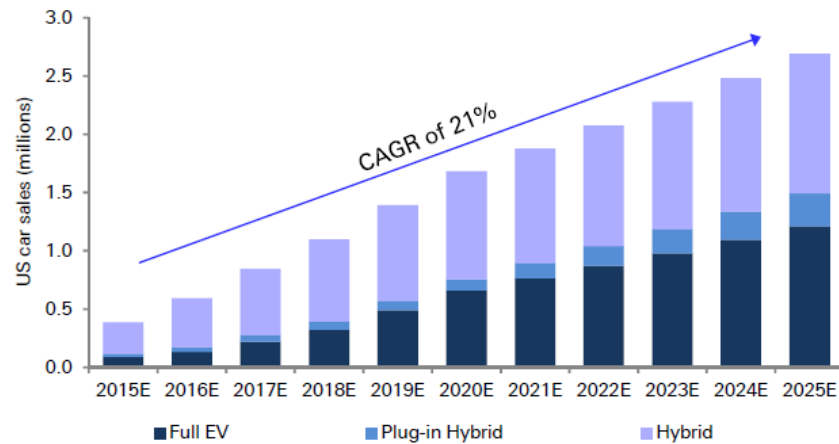
Figure 29: Lithium demand by end applications (2013-25)



Source: Deutsche Bank; Industry data

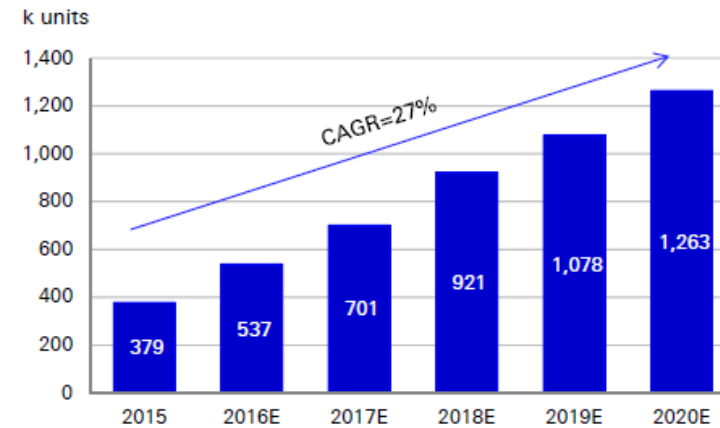
Strong EV outlook in USA and China

Figure 36: US EV outlook from 2015-2025E



Source: Deutsche Bank, HIS, InsideEV

Figure 42: China EV sales estimates



Source: Deutsche Bank estimates, MIIT

Positive Pre-Feasibility Study financials

Preliminary Keliber key figures	
Production capacity, Lithium Carbonate (Li ₂ CO ₃)	9,000 tpy
Ore processing capacity	400,000 tpy
Operative time (current open pit deposits)	11 years
CAPEX	EUR 164 million
NPV after tax @ 8% WACC	EUR 97 million
IRR after tax	21%
Payback time from start-up	4 years

- Market analysis and assumptions provided by signumBOX in November 2015
- Price assumption for Lithium Carbonate in the PFS: Appr. USD 8 per kg (average)
- Technical grade Lithium Carbonate (99%) is currently trading at a price level of USD 13,000 – 14,000 per tonne; battery-grade qualities (>99.5%) trade higher
- Definitive Feasibility Study targeted for completion mid-2017

Market dynamics indicate significant upside in revenue and project value

Investment highlights

OAX: NOM

Titanium - Natural Rutile

- World class rutile deposit; 50 years mine life and highest global TiO₂ grade
- Favourable location and logistics; competitive Capex/Opex
- Internal NPV estimate (8%) of USD 466 million
- Environmental permit for 50 years operation (zoning plan and discharge permit)



Titanium – Natural Rutile

Lithium

- JORC classified Ore Reserves in the Proven and Probable categories; 4.5 million tonnes at an average grade of 1.10% Li₂O
- Pre-Feasibility Study finalised in March 2016; Estimated NPV (8%) of EUR 97 million



Lithium

High Purity Quartz

- JORC compliant resource in green-tech mineral
- Estimated NPV (8%) of USD 60 million in 2012 Scoping Study



High Purity Quartz

- ***With a sum of the projects' NPVs in excess of USD 550 million compared to current market capitalisation of c. USD 25 million, NOM has a significant value potential***
- ***High equity ratio (80% as per 31.03.2016) and no interest-bearing debt***
- ***Well positioned to exploit its full potential through, amongst other, taking more advantage of international industrial and financial relations***



Safety – Environment - Innovation



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Appendix



Board of Directors and Management

Board of Directors



Tarmo Tuominen, Chairman

Chief Supply Chain Officer in the Finnish mineral group Nordkalk. Geologist with broad mining experience. Chairman of the Geological Survey of Finland (GTK).



Kjell Roland, Deputy chairman

CEO of Norfund, the Norwegian Investment Fund for Developing Countries. Roland holds a Master of Science in Economics from the University of Oslo, Norway. Roland has been a partner and CEO in ECON Management AS and ECON Analysis.



Mari Thjømøe, Board member

Extensive executive and board experience from oil and gas, finance and investment management (e.g. Statoil, Norsk Hydro and KLP). Thjømøe holds a Master of Science in Business Administration from the Norwegian School of Management (BI) in Oslo, Norway.



Hilde Myrberg, Board member

Extensive executive and board experience from oil and gas, power and consumer industries (e.g. Norsk Hydro and Orkla). Myrberg is a lawyer from the University of Oslo, Norway and has a MBA from INSEAD, France.



Tore Viana-Rønningen, Board member

VP in Dag Dvergsten AS, Norway. Previous experience from Barclays Capital and Barclays Natural Resource Investments. Viana-Rønningen holds a Master of Science in Economics and Business Administration from the Norwegian School of Economics (NHH) in Bergen, Norway.

Management



Ivar S. Fossum, CEO

Fossum holds a Master of Science in Mechanical Engineering from the University of Science and Technology in Trondheim, Norway. He has 20 years experience from management positions in Norsk Hydro (oil/gas and fertilizers) and FMC Technologies. Fossum has a broad international experience and has been general manager of Norsk Hydro East Africa Ltd. in Nairobi, Kenya.



Lars K. Grøndahl, CFO

Grøndahl holds a Master of Science in Economics and Business Administration from the Norwegian School of Economics in Bergen, Norway. He has broad experience from industrial management positions in i.a. Aker, Scancem Group and HeidelbergCement.



Mona Schanche, Exploration Manager

Resource geologist from the University of Science and Technology in Trondheim, Norway with 10 years experience from the mining sector. She has previous experience as project geologist in Titania (Kronos Group), a major producer of pigment feedstock.



Thomas B. Addison, MD Nordic Rutile

Mining Engineer from the University of Science and Technology in Trondheim, Norway. Addison has 30 years experience within mining and mineral processing for Elkem, SNSK, Orkla Exolon, Hanson Quarry Products Europe and Franzefoss Minerals.

Differentiated mining and industrial experience combined with extensive network



Shareholder structure and share price development

Largest shareholders*

	Name of shareholder	No. of shares	%
1	NORDNET BANK AB (NOMINEE)	30 204 681	7,8 %
2	SKAGEN VEKST	15 469 257	4,0 %
3	NORDEA BANK PLC FINL. CLIENTS ACC. (NOMINEE)	14 372 474	3,7 %
4	NORDNET LIVSFORSIKRING	11 886 969	3,1 %
5	DYBVAD CONSULTING AS	9 391 366	2,4 %
6	OVE KLUNGLAND HOLDIN NIL	7 023 696	1,8 %
7	DANSKE BANK A/S (NOMINEE)	6 963 023	1,8 %
8	MAGIL AS	6 500 000	1,7 %
9	SNATI AS	6 000 000	1,6 %
10	CITIBANK N.A. S/A POHJOLA BANK PLC (NOMINEE)	5 862 838	1,5 %
11	INFOSAVE AS	5 144 863	1,3 %
12	LITHION AS	4 167 898	1,1 %
13	OLE KRISTIAN G. STOKKEN	3 740 721	1,0 %
14	OLAV BIRGER SLETTEN	3 250 000	0,8 %
15	AUDSTEIN DYBVAD	3 156 000	0,8 %
16	FEMCON AS	3 080 316	0,8 %
17	ADURNA INVEST AS	3 079 993	0,8 %
18	REIDAR JARL HANSEN	2 925 124	0,8 %
19	JON HOVDEN	2 700 000	0,7 %
20	FRANK MOLANDER	2 680 000	0,7 %
	Top 20 shareholders	147 599 219	38,3 %
	Others	237 905 586	61,7 %
	Total	385 504 805	100,0 %

Share overview and share price development*

Share overview

Stock symbol	NOM
Stock exchange	Oslo Axxess
Number of issued shares	385 504 805
Owned by Norwegian shareholders	82%
Owned by international shareholders	18%
Owned by management	2.6%
Current share price (NOK)	0.53
Market capitalisation pre-Rights Issue (NOKm)	204
Trading range YTD (NOK)	0.51 - 0.79



Consolidated Income Statements

Q1-2016	Q1-2015		Acc. 2016	Acc. 2015	2015
Unaudited	Unaudited	Amounts in NOK million	Unaudited	Unaudited	Audited
-	-	Sales	-	-	-
(1.6)	(1.7)	Payroll and related costs	(1.6)	(1.7)	(6.6)
(1.6)	(1.5)	Other operating expences	(1.6)	(1.5)	(6.1)
(3.2)	(3.2)	Operating loss	(3.2)	(3.2)	(12.7)
(0.5)	(2.1)	Share of result of an associate	(0.5)	(2.1)	(6.6)
-	-	Financial items	-	-	0.1
(3.7)	(5.2)	Loss before tax	(3.7)	(5.2)	(19.2)
-	-	Income tax	-	-	-
(3.7)	(5.2)	Loss for the period	(3.7)	(5.2)	(19.2)

Capitalised exploration and evaluation expenses in Q1 2016, mainly related to drilling at Engebø and resource estimations related to the Kvinnherad quartz deposit, amounted to NOK 7.7 million (Q1 2015: NOK 0.1 million)



Consolidated Statements of Financial Position

Amounts in NOK million	31.03.2016 Unaudited	31.12.2015 Audited
ASSETS		
Evaluation and exploration assets	17.5	9.8
Property, plant and equipment	0.4	0.1
Investment in an associate	12.4	6.2
<i>Total non-current assets</i>	<i>30.3</i>	<i>16.1</i>
Cash	15.7	29.8
Other current assets	3.2	1.0
<i>Total current assets</i>	<i>18.9</i>	<i>30.8</i>
Total assets	49.2	46.9
SHAREHOLDERS' EQUITY AND LIABILITIES		
<i>Total equity</i>	<i>39.3</i>	<i>43.2</i>
Non-current liabilities	1.9	1.9
Current liabilities	8.0*	1.9
<i>Total liabilities</i>	<i>9.9</i>	<i>3.8</i>
Total equity and liabilities	49.2	46.9

* Of this, NOK 5.8 million is related to the capitalised evaluation and exploration assets and settled subsequent to 31 March 2016



Nordic Quartz (100%) - Development in High Purity Quartz



Project highlights

- JORC compliant resource estimates of 2.9 million tonnes (indicated) and 1.3 million tonnes (inferred), with average quartz content of 65%*
- Substantial volumes in massive quartz zones (>95% quartz content)*
- Estimated NPV of USD 60 million @ 8% WACC in scoping study (2012) based on annual production of 5,000 tonnes of HPQ
- Demonstrated superior product quality for advanced applications/markets

Key features

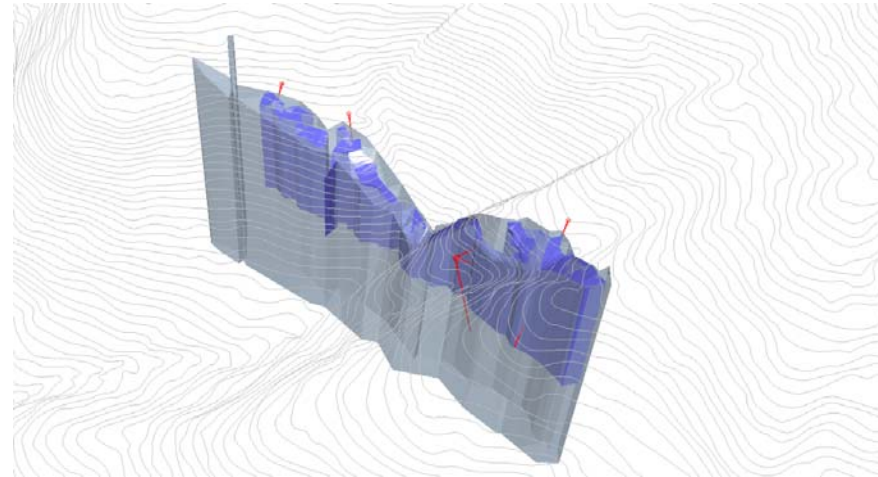
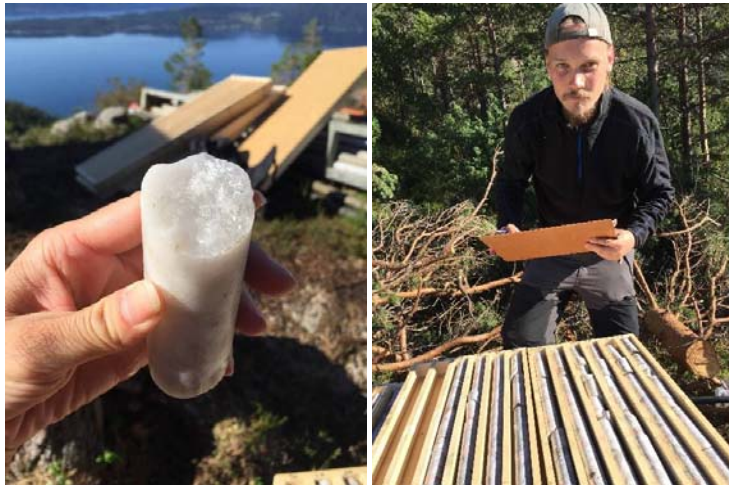
- Outcropping hydrothermal quartz deposit
- Low in critical elements as Ti, Al, Fe, P, Na, K, Li, B
- Ideally situated, close to infrastructure and port
- Small-scale mining operation for HPQ production; 20 – 30,000 tonnes ore per year
- Limited environmental impact

Bringing a new long term supplier to the HPQ industry



Note (*): Competent Person Lars-Åke Claesson, a titled European Geologist in accordance with the Federation of European Geologists

Kvinnherad quartz, core sample drilling completed in 2015



Indicated: 2,9 million tonnes
Inferred: 1,3 million tonnes

Quality	Total impurities (ppm)	SiO ₂ %
Nordic Quartz	13	99.9987
IOTA Std	19	99.9981
IOTA 4	12	99.9988
IOTA 6	11	99.9989



Scoping study* reveals robust Quartz project financials

Project highlights

- Small-scale mining operation; 20,000 – 30,000 tonnes per year
- 30 - 40 employees
- Limited environmental impact
- High purity and high value products require advanced processing facilities

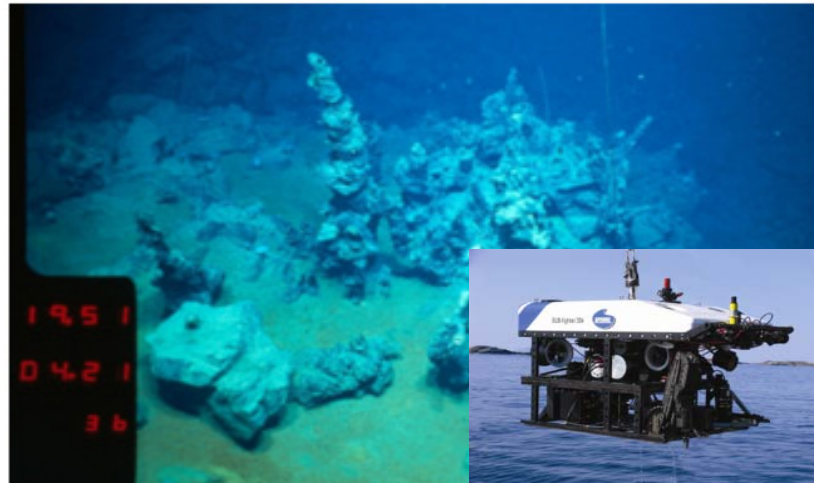
Key assumptions and figures	Units	Scoping study
Annual production/sales of HPQ	Tonnes	5,000
Average HPQ product price	USD/tonne	6,700
Operating cost	USD/tonne	4,000
CAPEX	USD million	49
NPV after tax @ 8% discount rate, 30 yrs LOM	USD million	60
IRR after tax	%	20.5
Pay-back time (CAPEX/EBITDA)	Years	4.3





NORDIC OCEAN RESOURCES AS (80%)

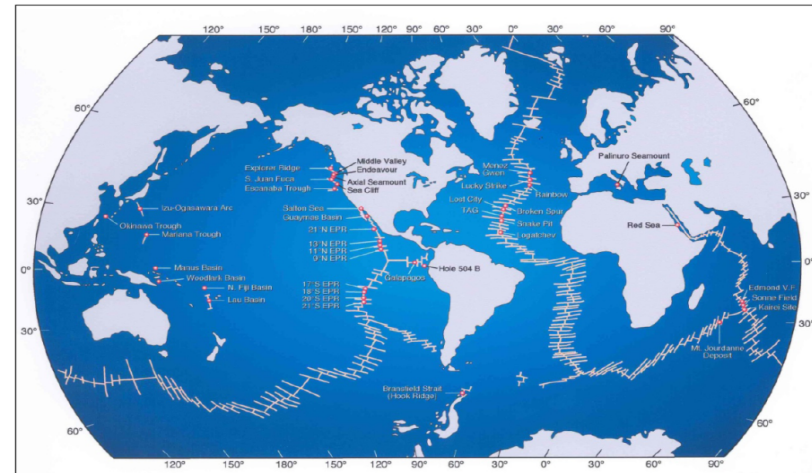
Pioneer in seabed mineral exploration in Norway



Company highlights

- Nordic Ocean Resources (NORA) has taken a pioneering initiative for exploration of Norway's seabed mineral resources
- NORA has established in-house competence and excellent network with national and international companies and institutions
- NORA has participated in a pre-project for the first estimation of possible mineral resources in the Norwegian Economic Zone (EEZ)

Leveraging Norway's subsea technology



Company highlights

- NORA has applied for exploration licenses in the Norwegian Economic Zone, and has ambition to be the first company exploring for seabed minerals in Norway
- NORA participates in the MARMINE project having received NOK 25 mill. in grants from the Norwegian Research Council
- The MARMINE project will follow up the pre-project and contribute to the knowledge base for seabed mineral resources



MarMine – A forward looking project initiative

- The MarMine project was formally established 17 December 2015 with approximately NOK 25 million in financial support from the Norwegian Research Council
- NORA participates together with 13 industrial partners with a joint financial contribution of approximately NOK 6 million
- MarMine participants, companies and institutions:
 - Statoil
 - Nordic Ocean Resources AS
 - Technip Norge AS
 - DNV GL
 - DCNS, France
 - Scan Mudring
 - Kongsberg Maritime
 - Fugro Norway AS
 - NIVA
 - Ecotone
 - Store Norske Spitsbergen Kulkompani AS
 - Leonhard Nilsen AS
 - National Oilwell Varco
 - GCE Node (77 member companies from the southern part of Norway)
- The project is managed by NTNU and include i.a. an exploration cruise on the MAR in 2016, with i.a. mineral sampling, analyses and process test work

Preliminary financial estimates for the Engebø rutile project*

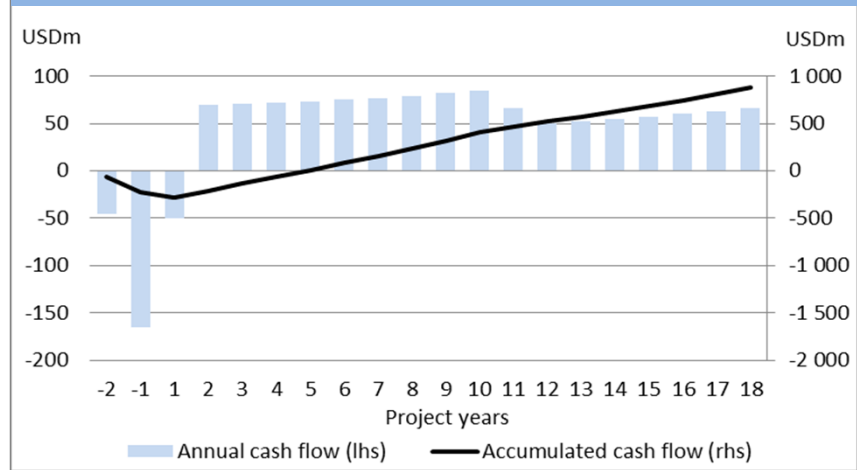
Main assumptions

CAPEX:	USD 300m
Rutile recovery rate:	55%
Ore production:	4 million tonnes p.a.
Rutile production:	87,000 tonnes p.a.
Rutile price:	USD 1,000/t
Garnet price:	USD 300/t
Mine life:	50 years
OPEX (open pit):	USD 550/t ex. by-product credit
	USD 185/t incl. by-product credit

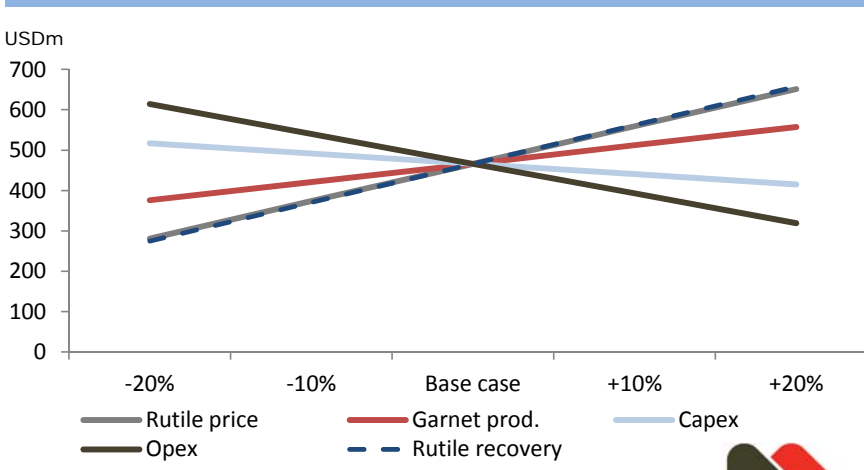
Key figures

NPV @ 8% WACC:	USD 466m (after tax)
IRR	20.7%
Payback time:	4.5 years
EBITDA % open pit:	55-60%
EBITDA % underground:	30-35%
Break even price, rutile:	USD 370/t (IRR = 0)

Cashflow projection



NPV sensitivity to key input factors

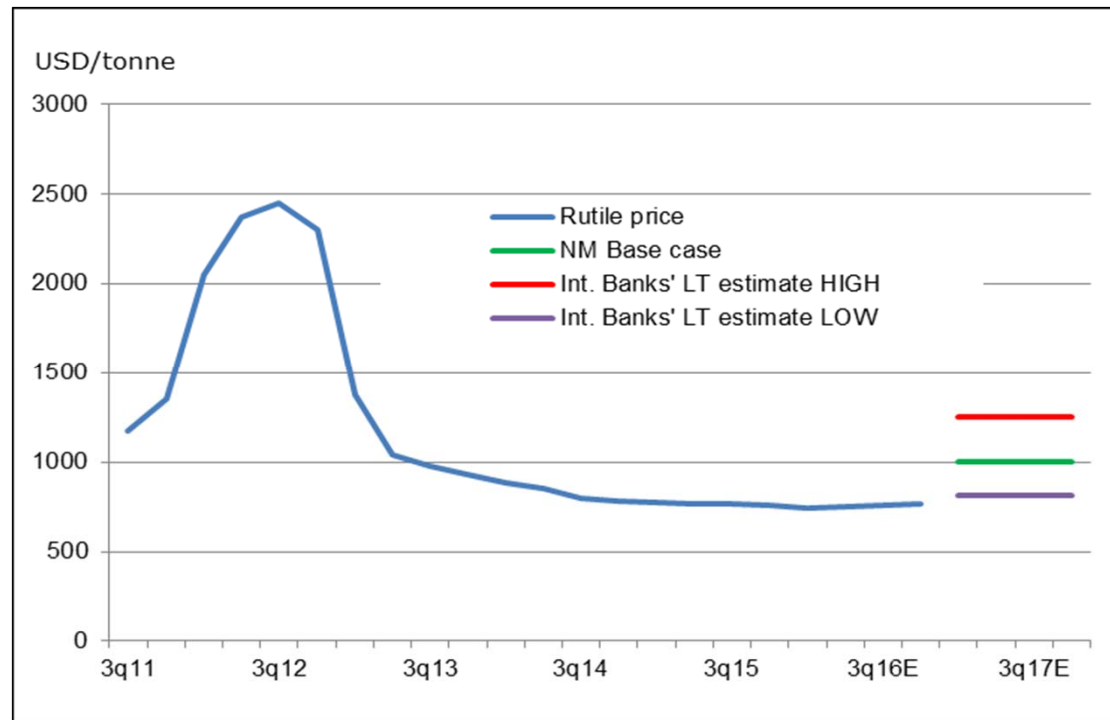


Long project lifetime - short payback time

Note (*): Assumptions and estimates are based on preliminary internal assessments



Positive long-term market outlook for rutile*



Market trends and long project lifetime are favourable for project financials



Note (*): Long-term rutile prices are Q1 2016 estimates from international banks following the titanium feedstock industry.