

Company presentation May 2016









Exploration and production of high-end minerals and metals

Disclaimer

This document has been used by Nordic Mining during an oral presentation. Therefore, this document is incomplete without the oral explanations, comments and supporting instruments that were submitted during the referred presentation. To the extent permitted by law, no representation or warranty is given, express or implied, as to the accuracy of the information contained in this document.

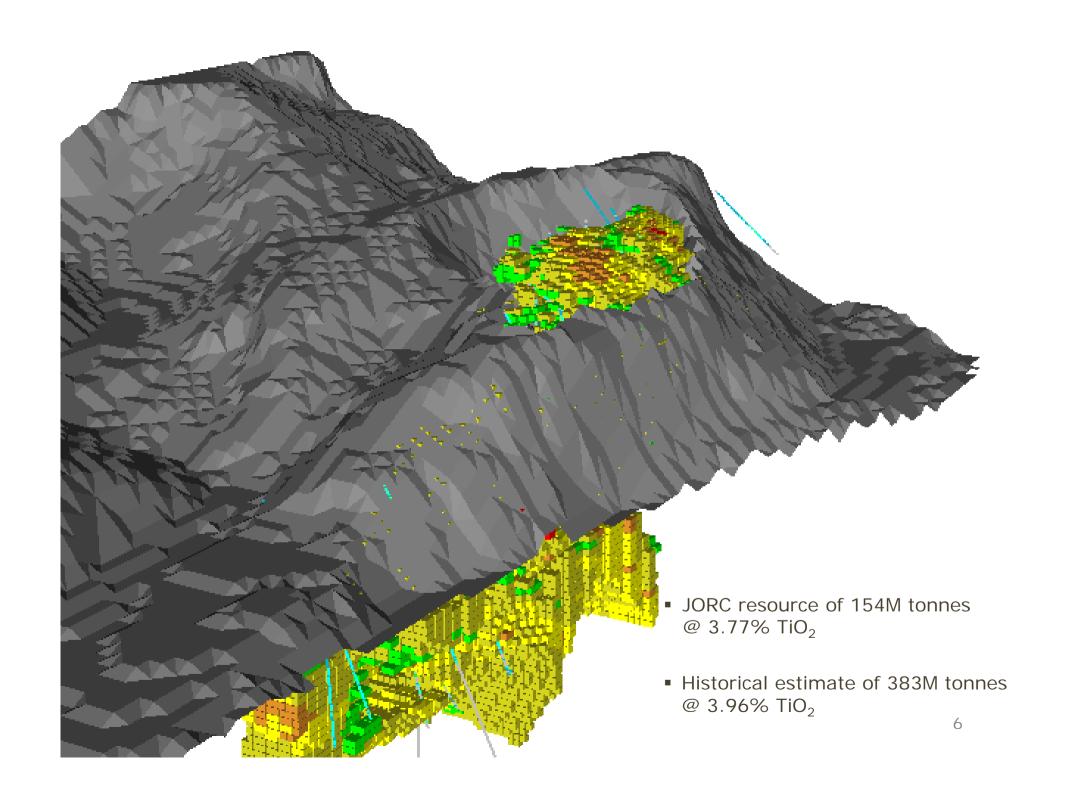
Some of the statements made in this document contain forward-looking statements. To the extent permitted by law, no representation or warranty is given, and nothing in this document or any other information made available during the oral presentation should be relied upon as a promise or representation as to the future condition of Nordic Mining's business.

Developing high-value assets in the Nordic Region Platinum, Palladium Titanium - natural rutile High Purity Quartz Lithium Seabed minerals



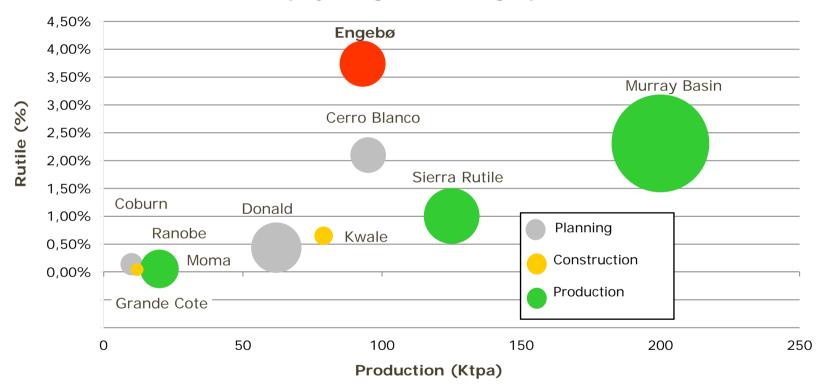


- ✓ One of the world's largest deposits of natural rutile
- ✓ Has the highest grade among current producers and projects
- ✓ Impurities at background levels
- ✓ Located next to tidal waters and European markets
- ✓ Permitted for 50 years of operation



Engebø is among the largest rutile deposits in the world

Rutile projects' grade and target production

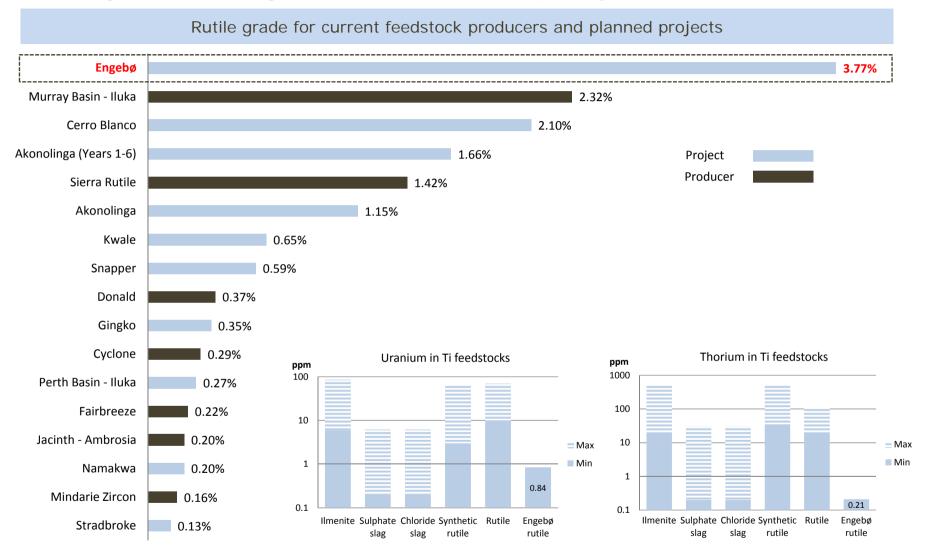


Size of bubble indicates resource size



Source: Company websites

The highest rutile grade and lowest impurity content



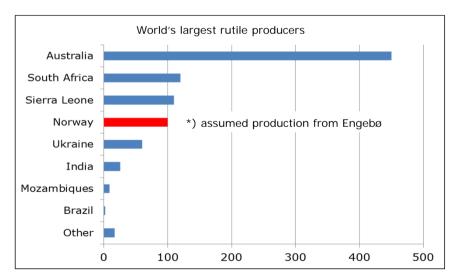
High grade ore with low impurities brings processing benefits and premium pricing

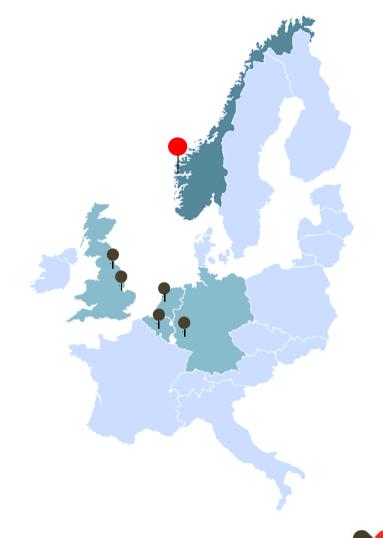


European pigment majors will be future customers

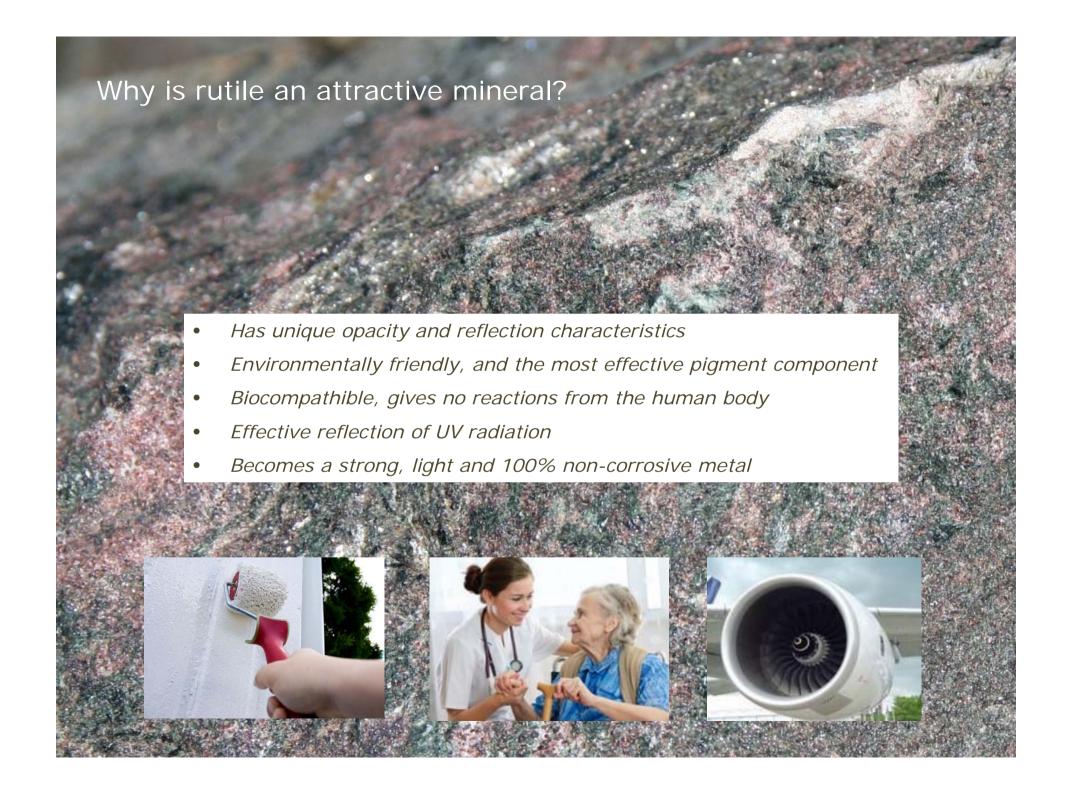
Regional, stable supply brings customer benefits

- 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









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

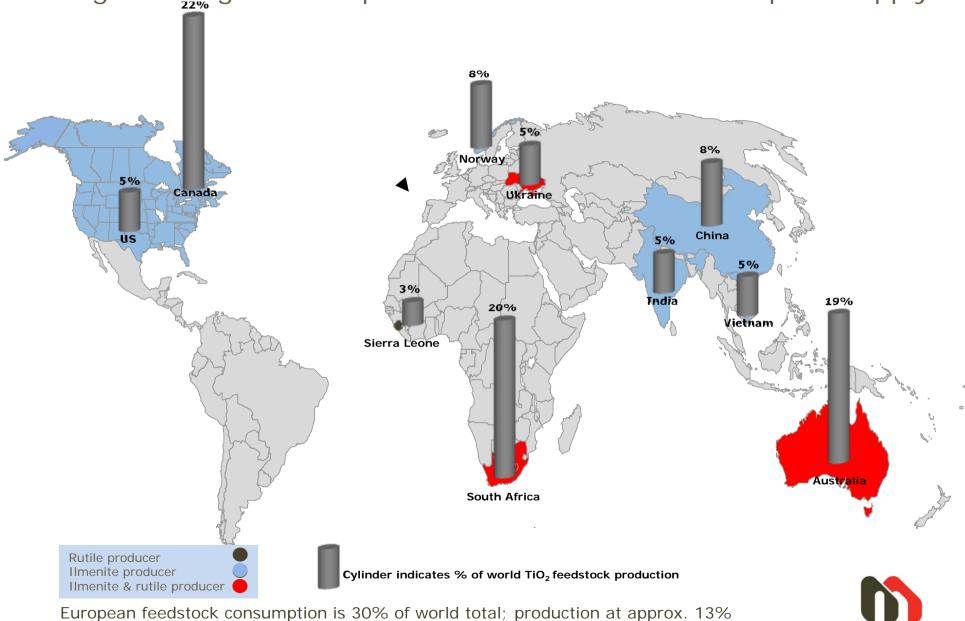
- Majority of TiO₂ feedstock is used in production of pigment for paints, plastics and paper
- Approximately 5% is used for titanium

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



Long sea freights underpin attractiveness of new European supply



Source: TZMI

Garnet, by-product with benefits for the environment

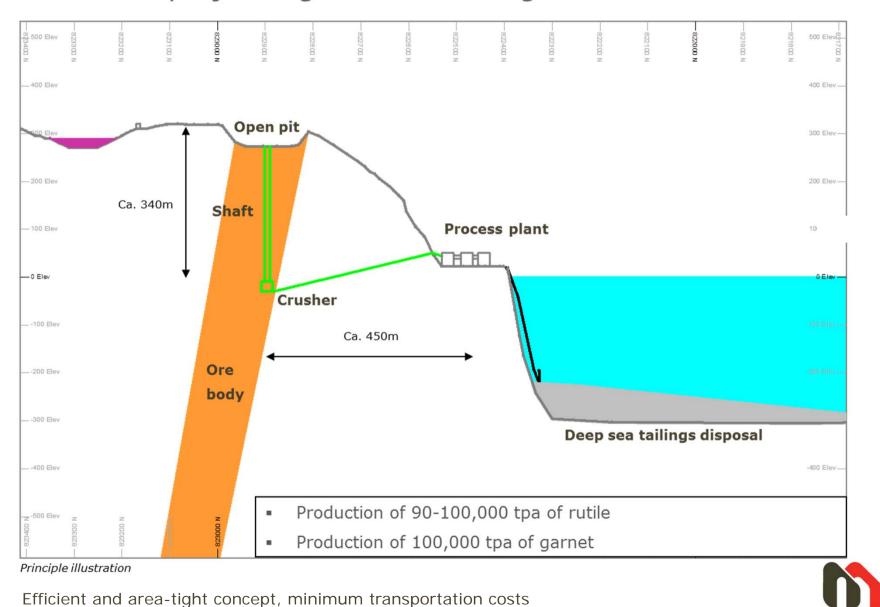
- Preferred sand-blasting medium, replacing sand with contents of free silica
- Garnet is used as the primary cutting medium in water-jet cutting machines
- Annual global production of garnet is approximately 2 million tonnes
- Broad price range depending of qualities
- Water-jet quality is typically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





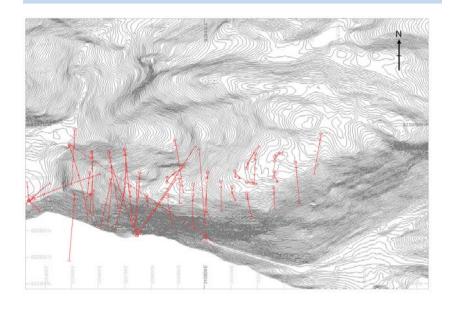


Favourable project logistics and configuration



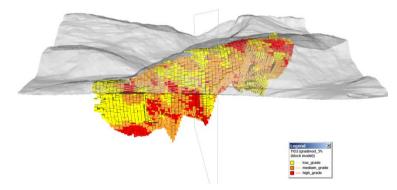
Well-defined deposit

Total of 50 exploration drill holes



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



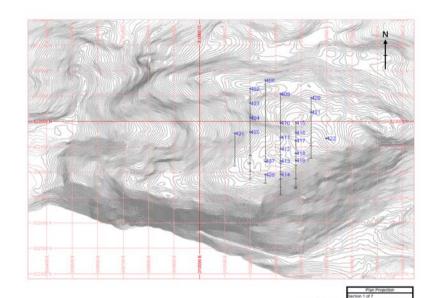
- 50 drill holes (15,000 meters)
- 1,129 surface samples
- > 50 000 TiO2 analysis
- Block model ordinary kriging

- Planned drilling program of approx. 6,500 meters
- Open pit mining for 10 15 years,
 35 40 years underground mining
- Open pit strip ratio of 0.45:1 (waste/ore)



Considerable JORC compliant resource estimate with upside potential from additional drilling

Core and geo-stat drilling program completed in April 2016



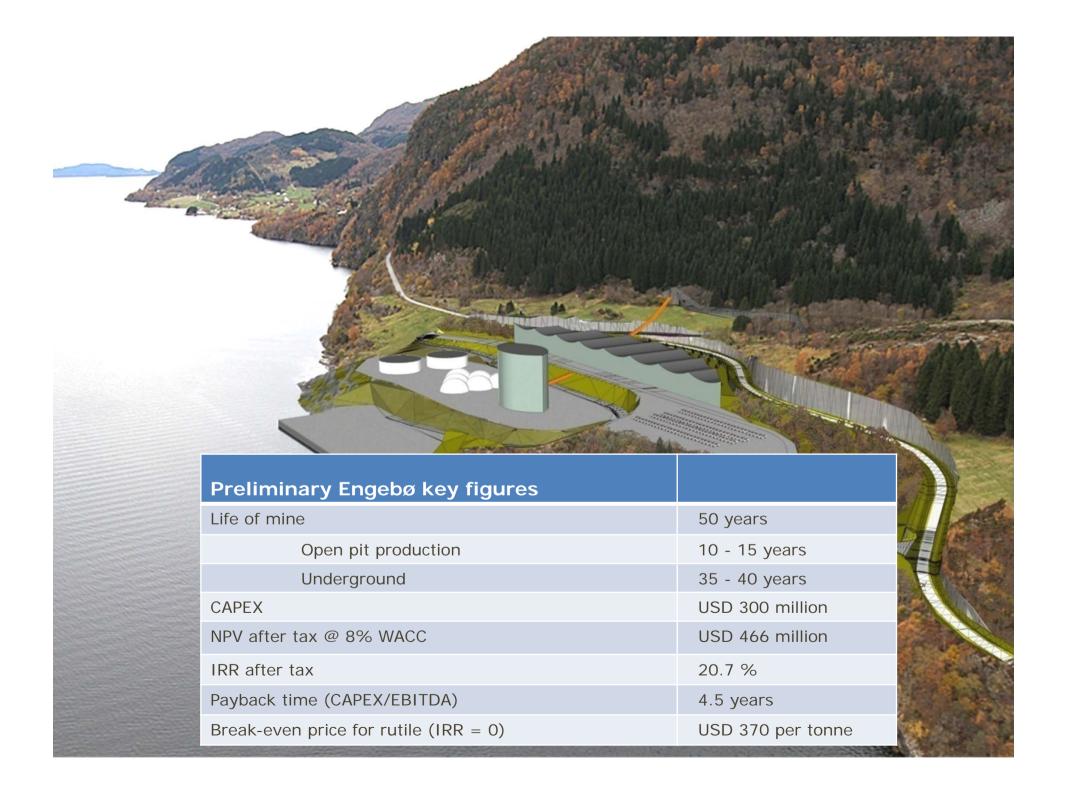
- 38 drill holes of approximately 6,400 meters, primarily in the open pit area – Finnish company Kati contracted
- Geotechnical assessments is carried out by Wardell Armstrong, UK
- Resource modeling and estimations by Competent person Adam Wheeler, UK











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

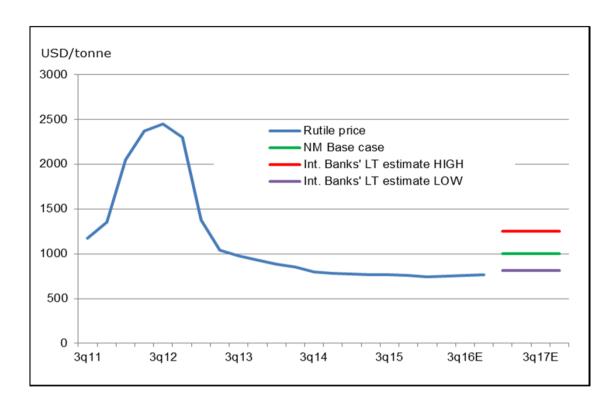
Peer comparison Sierra Rutile **	USD/t rutile
Incl. by-product credit 2014	646
Incl. by-product credit 2015est.	595-615

- 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



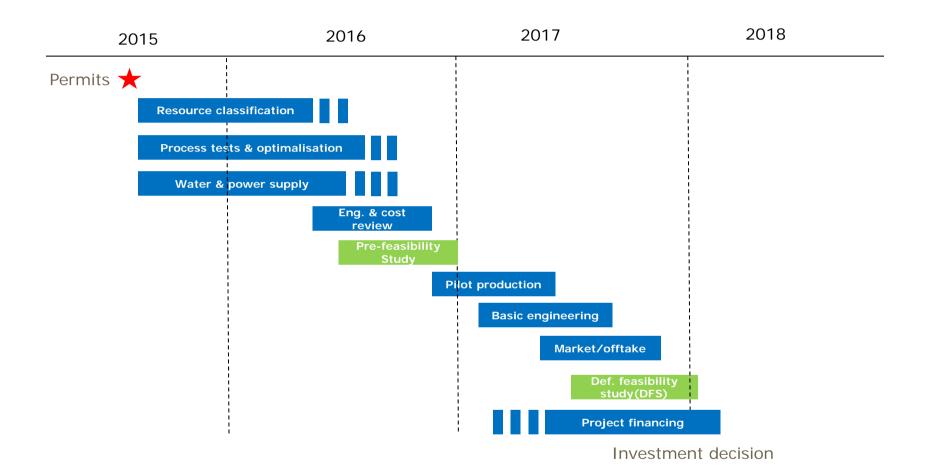
Positive long-term market outlook - robust project financials*



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



Project development – tentative timeline





Development activities towards PFS

Activity	Further description	Cost estimate
Resource classification	 Core drilling of approx. 6,400 meters completed n 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 	USD 1.4 million
Process testwork and optimisation	 Further process tests and optimisation of flowsheet Target: Increased rutile recovery and define cost-effective process solutions Reduce or avoid flotation? 	USD 2.0 million
Engineering and cost review	Pre-engineeringUpdated estimates for Capex/Opex	USD 0.5 million
Supply of process water and hydropower	Assessment of alternativesApplications with supporting documentation	USD 0.6 million
Technical advisor and PFS coordination	Assessment of candidates ongoing	USD 1.5 million
Project management and overhead	 Lean project team; project leader and 2– 3 key persons General corporate overhead 	USD 3.4 million
Contingency	Approximately 10%	USD 0.9 million
Total		USD 10.3 million



Keliber - Moving forward in high-grade lithium



Project highlights

- Estimated 4.5 million tonnes Ore Reserves at an average grade of 1.10% Li₂O in the Proven and Probable categories (JORC Code 2012)*
- Demonstrated +99.9% Lithium Carbonate product suitable for advanced battery applications, i.a. for EV/HEV
- Estimated NPV after tax @ 8% of EUR 97 million in Pre-Feasibility Study completed in March 2016
- Estimated payback time of approx. 4 years



Key features

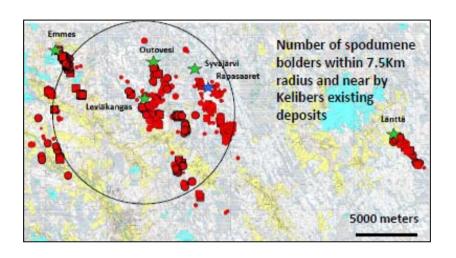
- Mining licence and environmental permit in place for the Länttä deposit, and environmental permit also valid for the Kalavesi processing plant
- Located close to processing industry cluster with excellent infrastructure and port facilities
- Expected high growth rate for rechargeable batteries; both for EV/HEV and for renewable energy storage
- Tightening supply/demand balance for Lithium Carbonate; ongoing price surge expected to continue





Prosperous lithium province provides exploration opportunities

Ore Reserves				
Category	Deposit	kt	Li20%	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	



- Keliber's exploration drilling programs have tripled the JORC compliant Mineral Resource tonnage during 2013–2015
- 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





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 for the Pre-Feasibility Study (PFS) provided by the consultancy company signumBOX in November 2015
- The price development in the last part of 2015 and 2016 YTD has significantly outperformed the price assumptions in the PFS
- According to market information, 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
- Bankable Feasibility Study targeted for completion mid-2017





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



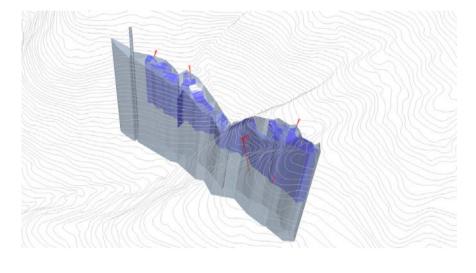
Key features

- 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



Preliminary core drilling completed in 2015







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



Scoping study* reveals robust 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

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

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









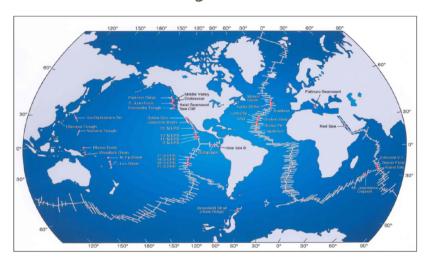
NORDIC OCEAN RESOURCES AS (80%)

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)



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

Leveraging Norway's subsea technology

MarMine – A new R&D initiative with significant financial support

- 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 Warco
 - 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

Investment highlights

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)

<u>Lithium</u>

- 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

High Purity Quartz

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





Titanium - Natural Rutile



Lithium



High Purity Quartz

- With a sum of the projects' NPVs in excess of USD 550 million compared to current market capitalisation of c. USD 35 million, NOM has a significant value potential
- High equity ratio (92% as per 31.12.2015) and no interest-bearing debt
- Well positioned to exploit its full potential through, amongst other, taking more advantage of international industrial and financial relations



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 chairmanCEO 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.

Extensive executive and board experience from oil

Norsk Hydro and Orkla). Myrberg is a lawyer from

and gas, power and consumer industries (e.g.

the University of Oslo, Norway and has a MBA

Hilde Myrberg, Board member

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)	30 299 980	7,9 %
2	SKAGEN VEKST	15 819 516	4,1 %
3	NORDEA BANK PLC FINL. CLIENTS ACC. (NOMINEE)	14 482 524	3,8 %
4	NORDNET LIVSFORSIKRING	12 140 846	3,1 %
5	DYBVAD CONSULTING AS	9 384 366	2,4 %
6	OVE KLUNGLAND HOLDIN NIL	7 023 696	1,8 %
7	DANSKE BANK A/S (NOMINEE)	6 889 104	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)	5 885 697	1,5 %
11	INFOSAVE AS	5 144 863	1,3 %
12	LITHION AS	4 167 898	1,1 %
13	OLE KRISTIAN G. STOKKEN	3 736 721	1,0 %
14	AUDSTEIN DYBVAD	3 156 000	0,8 %
15	FEMCON AS	3 080 316	0,8 %
16	ADURNA INVEST AS	3 079 993	0,8 %
17	OLAV BIRGER SLETTEN	3 040 000	0,8 %
18	REIDAR JARL HANSEN	2 810 124	0,7 %
19	JON HOVDEN	2 700 000	0,7 %
20	FRANK MOLANDER	2 600 000	0,7 %
	Top 20 shareholders	147 941 644	38,4 %
	Others	237 563 161	61,6 %
	Total	385 504 805	100,0 %

Share overview and share price development*

Share overview

Stock symbol	NOM
Stock exchange	Oslo Axess
Number of issued shares	385 504 805
Owned by Norwegian shareholders	82%
Owned by international shareholders	18%
Owned by management	2.6%
Options (valid to 18 May 2016)	12 750 000
- of which owned by management	11 500 000
Fully diluted number of shares	398 254 805
Current share price (NOK)	0,71
Market capitalisation (NOKm)	274
Trading range YTD (NOK)	0.53 - 0.82





Consolidated Statements of Financial Position

	31.12.2015	31.12.2014
(Amounts in NOK million)	Audited	Audited
ASSETS		
Exploration and evaluation assets	9.8	6.8
Property, plant and equipment	0.1	-
Investment in an associate	6.2	11.1
Total non-current assets	16.1	17.9
Cash and cash equivalents	29.8	14.4
Trade and other receivables	1.0	2.1
Total current assets	30.8	16.5
Total assets	46.9	34.4
SHAREHOLDERS' EQUITY AND LIABILITIE	ES	
Total equity	43.2	30.8
Total non-current liabilities	1.9	1.4
Total current liabilities	1.9	2.1
Total liabilities	3.8	3.6
Total equity and liabilities	46.9	34.4



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)

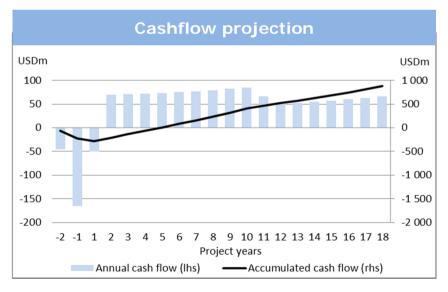
IRR 20.7%

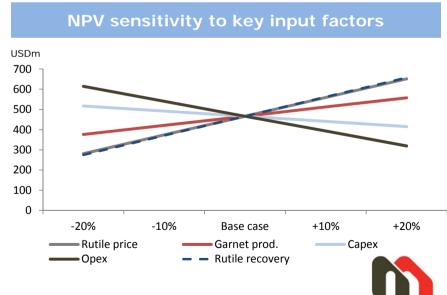
Payback time: 4.5 years

EBITDA % open pit: 55-60%

EBITDA % underground: 30-35%

Break even price, rutile: USD 370/t (IRR = 0)





Long project lifetime - short payback time

Completed core drilling has provided JORC compliant quartz resource estimates

6 holes drilled of a total of 600 meters

	ton	hydrothermal quartz %	content ton
Indicated resources			
Transition zone	1 467 000	40	587 000
Semi-massiv zone	631 000	80	505 000
Massive quartz zone	<u>849 000</u>	<u>95</u>	<u>807 000</u>
	2 922 000	65	1 899 000
Inferred resources			
Transition zone	645 000	41	264 000
Semi-massiv zone	199 000	79	157 000
Massive quartz zone	<u>497 000</u>	<u>95</u>	<u>472 000</u>
	1 341 000	66	893 000

