



Lighter aircrafts

Ti



Clean air

Pt

Pd

Minerals for a sustainable future
OAX: NOM



Renewable energy

Si



Electric cars

Li



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



Rutile & garnet (100%)



High Purity Quartz



Seabed minerals



Platinum, Palladium



Lithium (22%)

Minerals with diverse and unique properties – Key to a greener society



NOM - Attractive value growth proposition

OAX: NOM

- Positive market outlook for lithium, rutile and garnet
- Significant progress on feasibility studies for Lithium (DFS) and Rutile/Garnet (PFS)
- Politically stable region with infrastructure and favourable logistics
- Corporate structure suitable for partnership and transaction opportunities
- High equity ratio and no interest-bearing debt
- Duly financed for value increasing milestones in 2017



Rutile & Garnet



Lithium



High Purity Quartz



Board of Directors and Management

Board of Directors



Tarmo Tuominen, Chairman

Deputy CEO and 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.



Eva Kaijser, Board member

Kaijser has more than 18 years experience in the Swedish mining industry, i.a. 11 years in Boliden. Kaijser holds a Bachelor in Business Administration from the University of Stockholm.



Tore Viana-Rønningen, Board member

CEO of Hiddn Solutions ASA, an Oslo-listed supplier of authentication and encryption products. 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 in Bergen, Norway.

Management



Ivar S. Fossum, CEO

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



Lars K. Grøndahl, CFO

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



Mona Schanche, VP Exploration

Schanche has previously worked as a project geologist in Titania (Kronos Group), a major producer of pigment feedstock. She is a resource geologist from the University of Science and Technology in Trondheim, Norway and has more than 10 years experience from the mining sector.



Thomas B. Addison, MD Nordic Rutile

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

Broad mining, industrial and financial experience combined with extensive network



Shareholder structure and share price development

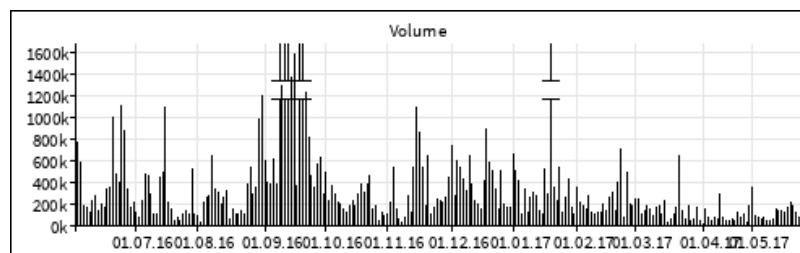
Largest shareholders*

	Name of shareholder	No. of shares	%
1	NORDNET BANK AB (NOMINEE)	8 750 325	9,2 %
2	NORDEA BANK FINLAND (NOMINEE)	4 606 887	4,9 %
3	SONGA TRADING INC.	3 136 230	3,3 %
4	NORDNET LIVSFORSIKRING	2 917 302	3,1 %
5	DANSKE BANK A/S (NOMINEE)	1 718 550	1,8 %
6	DYBVAD CONSULTING AS	1 674 278	1,8 %
7	CITIBANK N.A. S/A POHJOLA BANK PLC (NOMINEE)	1 483 542	1,6 %
8	ALDEN AS	1 370 942	1,4 %
9	MAGIL AS	1 300 000	1,4 %
10	INFOSAVE AS	1 235 609	1,3 %
11	OVE KLUNGLAND HOLDIN NIL	1 136 780	1,2 %
12	KNUT FOSSE AS	1 004 240	1,1 %
13	VPF NORDEA AVKASTNING C/O JP MORGAN EUROPE	1 002 963	1,1 %
14	LITHION AS	1 000 977	1,1 %
15	SNATI AS	975 000	1,0 %
16	OLAV BIRGER SLETTEN	911 000	1,0 %
17	ADURNA AS	873 500	0,9 %
18	OLE KRISTIAN G. STOKKEN	751 043	0,8 %
19	TIGERSTADEN AS	750 000	0,8 %
20	MELWIN KVALE	626 345	0,7 %
	Top 20 shareholders	37 225 513	39,3 %
	Others	57 599 955	60,7 %
	Total	94 825 468	100,0 %

Share overview and share price development*

Share overview

Number of issued shares	94 825 468
Owned by management	2.2%
Options	2 696 667
- of which owned by management	2 466 667
Fully diluted number of shares	97 522 135
Current share price (NOK)	3,80
Market capitalisation (NOKm)	360
Trading range YTD (NOK)	3.45 - 4.29



Note (*): Shareholder overview, share price (mid-day trading price) and market capitalisation as of 29 May 2017

Consolidated Income Statements

Q1-2017	Q1-2016		Acc. 2017	Acc. 2016	2016
Unaudited	Unaudited	Amounts in NOK million	Unaudited	Unaudited	Audited
-	-	Sales	-	-	-
(2.6)	(1.6)	Payroll and related costs	(2.6)	(1.6)	(7.8)
-	-	Share-based payment	-	-	(1.4)
-	-	Impairment of exploration assets	-	-	(1.3)
(7.6)	(1.6)	Other operating expenses	(7.6)	(1.6)	(12.4)
(10.1)	(3.2)	Operating loss	(10.1)	(3.2)	(23.0)
10.2	(0.5)	Share of result of an associate	10.2	(0.5)	(4.2)
-	-	Financial items	-	-	0.1
+0	(3.7)	Profit/(loss) before tax	+0	(3.7)	(27.1)
-	-	Income tax	-	-	-
+0	(3.7)	Profit/(loss) for the period	+0	(3.7)	(27.1)

Share of result of an associate consists of the following:

Share of Keliber's loss	NOK -2.0 million
Reversal of impairment	NOK 5.1 million
Profit from a deemed disposal	NOK 7.1 million
Total	NOK 10.2 million



Consolidated Statements of Financial Position

Amounts in NOK million	31.03.2017 Unaudited	31.12.2016 Audited
ASSETS		
Evaluation and exploration assets	21.3	21.2
Property, plant and equipment	0.3	0.3
Investment in an associate	25.2	15.0
<i>Total non-current assets</i>	<i>46.7</i>	<i>36.6</i>
Cash	62.6	66.1
Other current assets	1.5	1.3
<i>Total current assets</i>	<i>64.0</i>	<i>67.4</i>
Total assets	110.8	104.0
SHAREHOLDERS' EQUITY AND LIABILITIES		
<i>Total equity</i>	<i>103.4</i>	<i>97.0</i>
Non-current liabilities	1.1	1.1
Current liabilities	6.3	5.9
<i>Total liabilities</i>	<i>7.4</i>	<i>7.0</i>
Total equity and liabilities	110.8	104.0



An aerial photograph of a vast, forested mountain range. The mountains are covered in dense green trees, with some rocky outcrops visible. A winding road or path is visible on the slopes. In the foreground, a large, calm lake reflects the sky. To the right of the lake, a small settlement with several buildings and a road is visible. The sky is clear and blue.

Engebø rutile and garnet

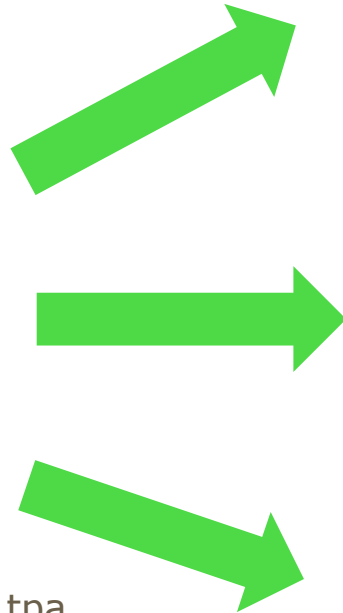
- ✓ One of the world's largest deposits of natural rutile
- ✓ Highest grade among current producers and projects
- ✓ Significant content of garnet
- ✓ Impurities at background levels
- ✓ Located next to tidal waters and European markets
- ✓ Permitted for 50 years of operation

Rutile concentrate has three main applications:



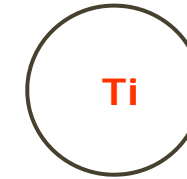
93 - 95% TiO₂

Rutile world production 790,000 tpa



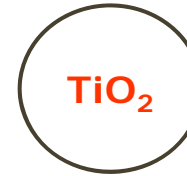
Titanium

(12%)



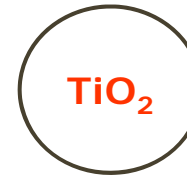
Pigment

(64%)



Welding rods

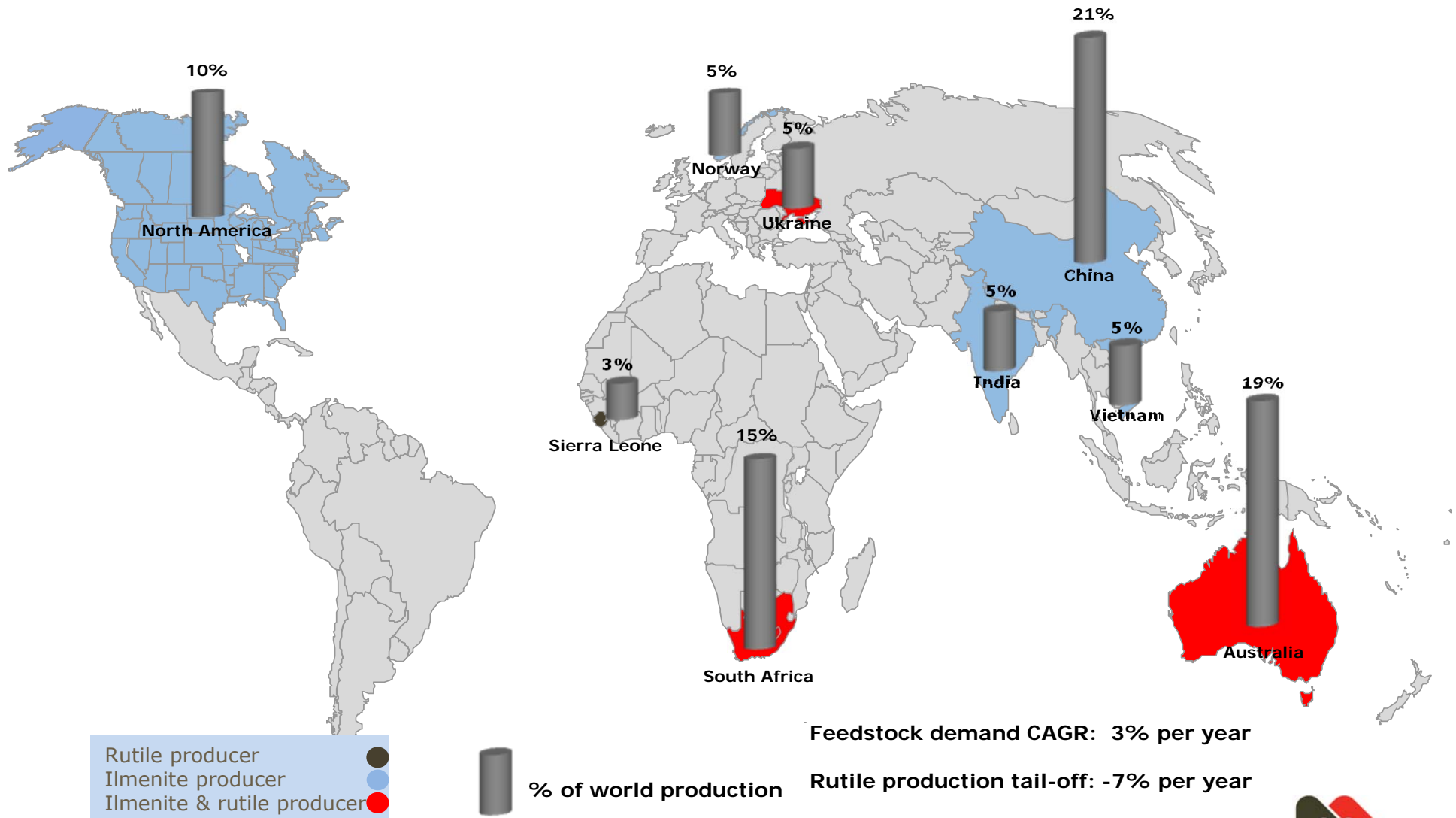
(24%)



Titanium has unique properties both as oxide and metal



Titanium feedstock: Long sea freights underpin attractiveness of new European supply



European feedstock consumption is 25% of world total; production less than 10%



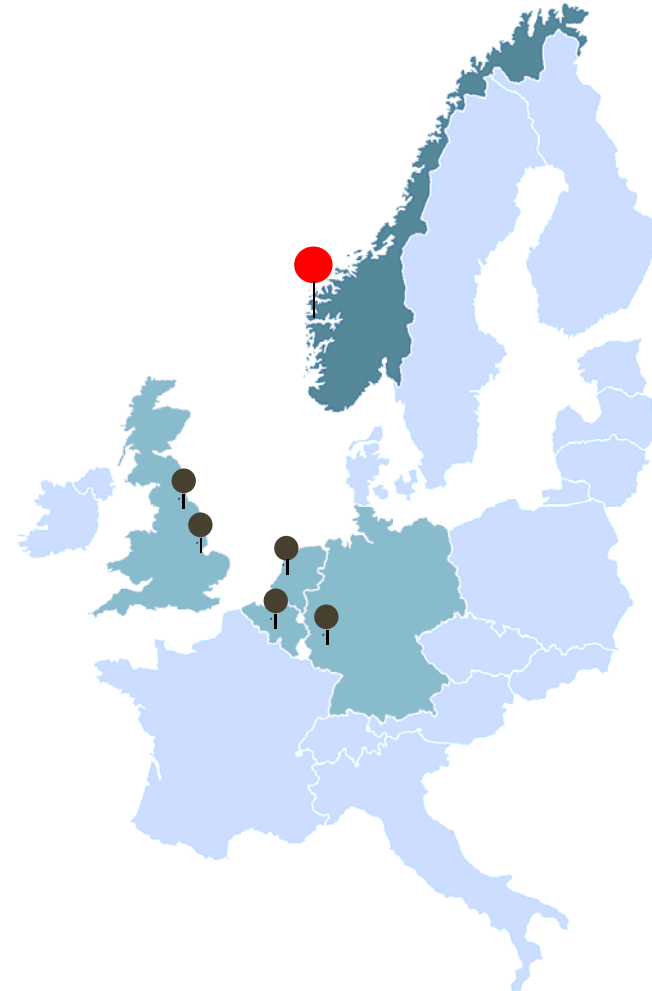
European pigment majors are in “home market”

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

Large pigment plants for high grade feedstock

Company	Plant location	Country
Huntsman Tioxide	Greatham	UK
Cristal Global	Stallinborough	UK
Kronos	Gent / Leverkusen	Belgium / Germany
Tronox	Rotterdam	Netherlands



Significant supply deficit in Europe makes regional rutile production attractive



Garnet, mineral with a growing market

- Primary markets for garnet are in waterjet cutting, abrasives, blasting and water filtration
- In waterjet cutting, garnet is the dominant abrasive medium
- Waterjet market is forecasted to grow 6% per annum in the next 10 years
- World production of garnet is approx. 1.5 mill. tpy
No producers in Europe.
- Previous test work has demonstrated that Engebø garnet is of high quality, well suited for waterjet cutting
- Coarser garnet from Engebø may be applied in the blasting markets
- MoU signed with reputable international minerals producer



Waterjet cutting



Sand blasting

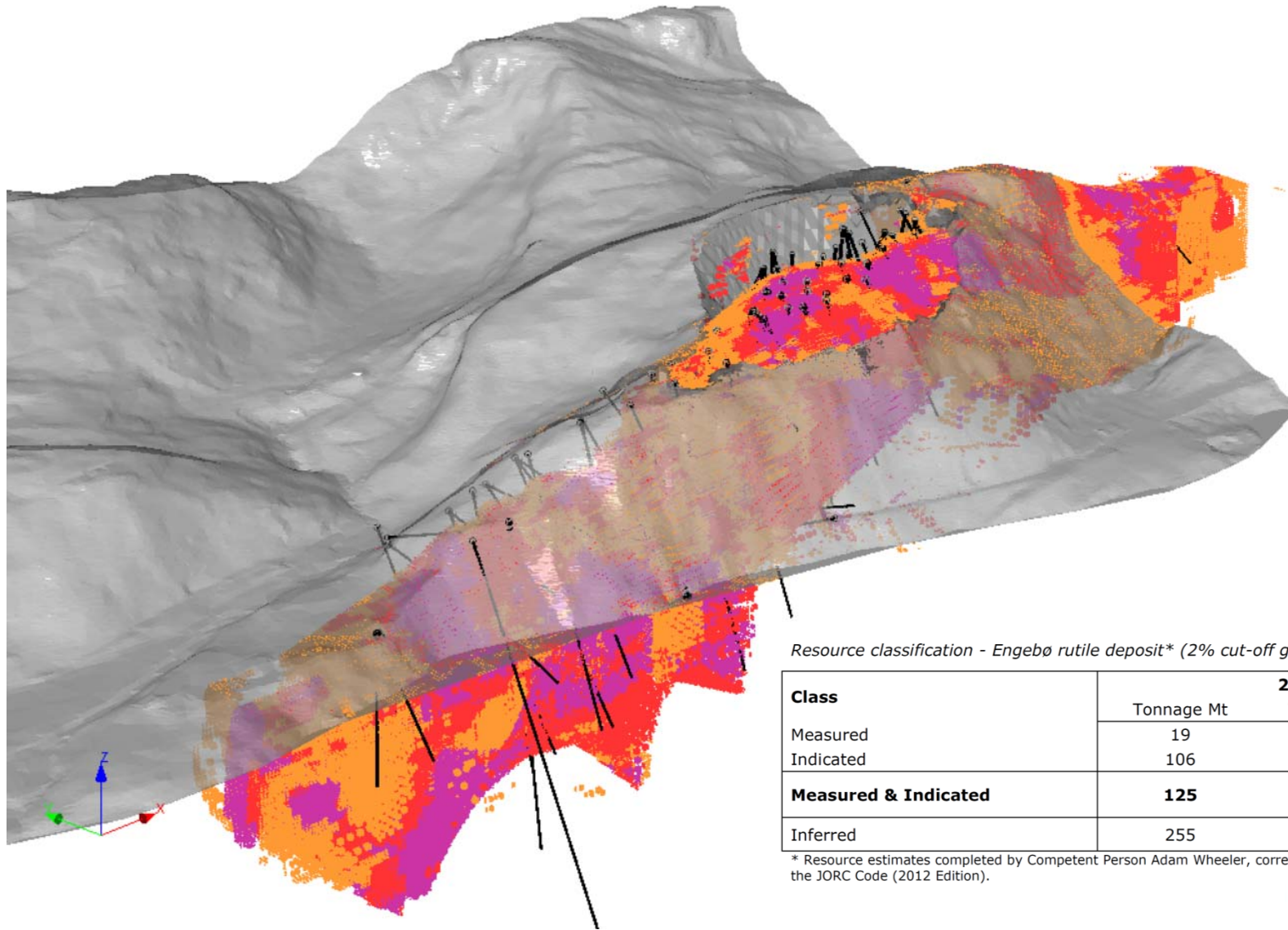


Abrasives

Sales target for garnet increased to above 200 000 tpy



Enggebø – one of the world’s largest rutile and garnet deposits



Resource classification - Enggebø rutile deposit* (2% cut-off grade)

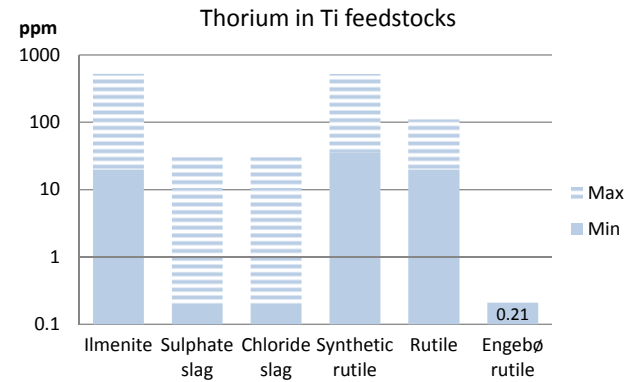
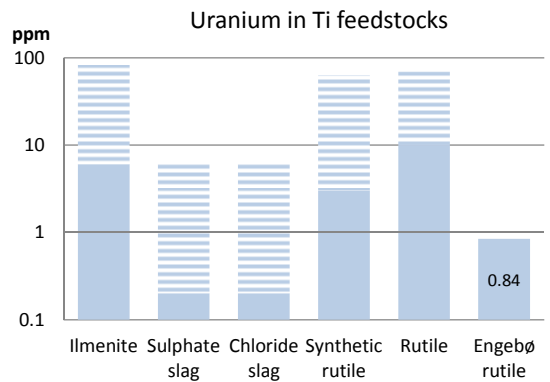
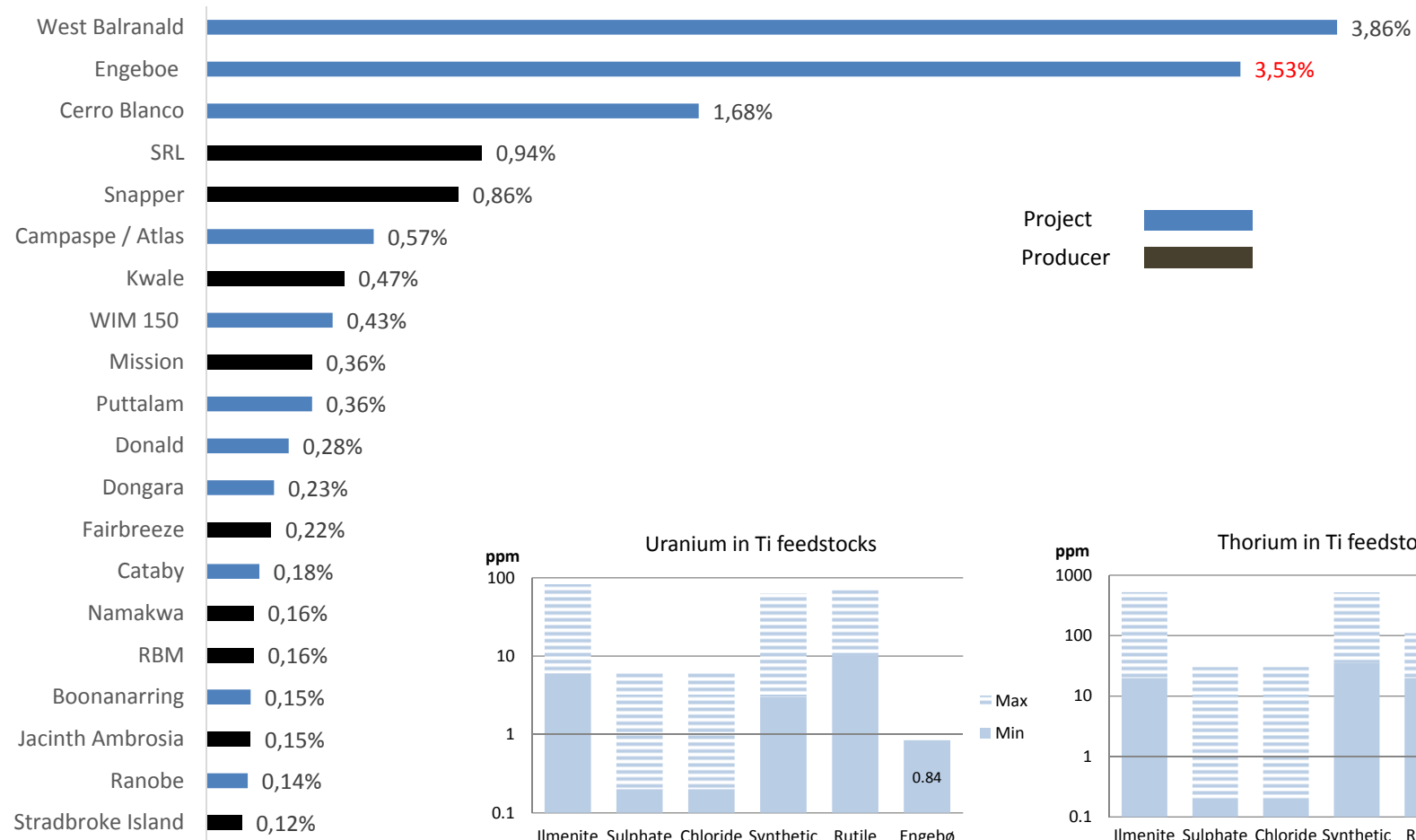
Class	2016		
	Tonnage Mt	TiO ₂ %	Garnet%
Measured	19	3.68	43.9
Indicated	106	3.51	43.0
Measured & Indicated	125	3.53	43.2
Inferred	255	3.22	42.5

* Resource estimates completed by Competent Person Adam Wheeler, corresponding to the guidelines of the JORC Code (2012 Edition).



High rutile grade and lowest impurity content

Rutile grade for current feedstock producers and planned projects

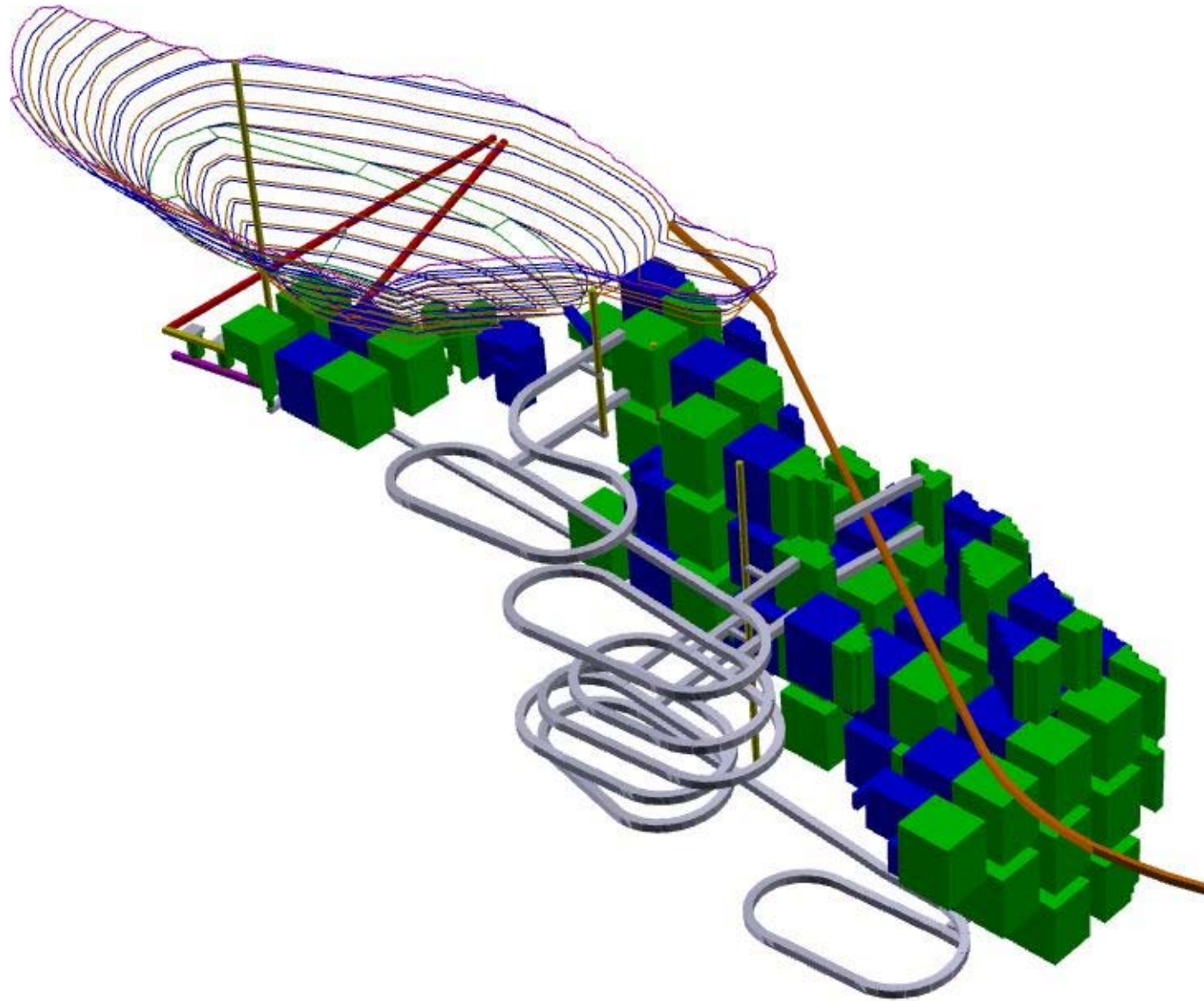


High grade ore with low impurities brings processing benefits

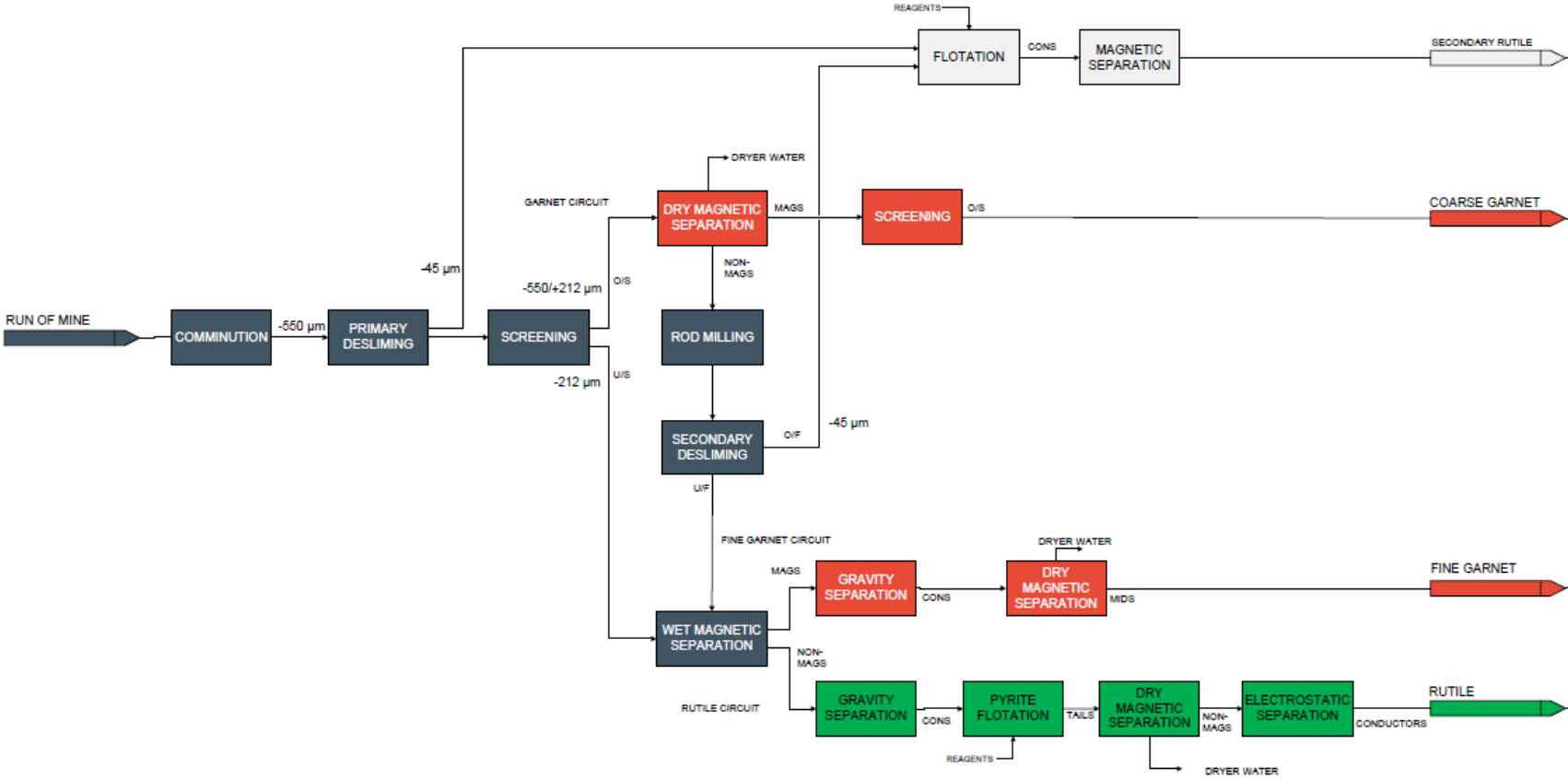


Source: TZMI Resource Database for resource data, "Production of titanium dioxide" (2007) by Fahli and Martin-Matarranza
 Note: Rutile grade is the in-situ grade for total Resources (includes Measured, Indicated and Inferred Resources).

Mine configuration alternative



Flowsheet configuration near completion



Significant progress on garnet processing



Garnet concentrate



Spiral separation



Processed products

- Both fine and coarse garnet products have been produced according to market specifications



Process test work with large scale equipment

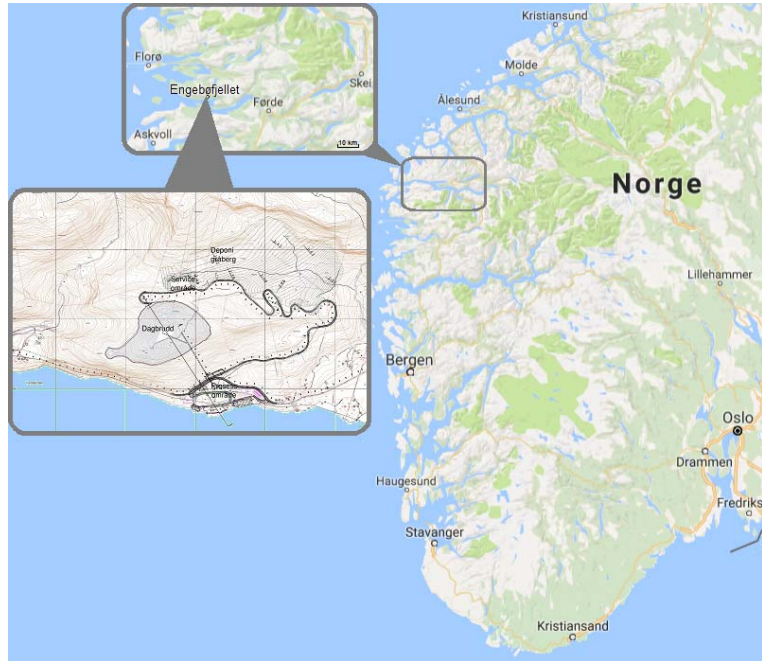


- Rutile concentrate of 95% TiO_2 have been produced which meets market specifications related to impurities and particle size criterias for the pigment industry
- Test work has demonstrated recoveries exceeding 50%
- Continued test work will focus on enhancing the recovery for rutile, and test of ore variability



Engerbø rutile and garnet

Approved industrial area plan and discharge permit by the Norwegian government



Low regulatory risk, good infrastructure and close to markets

Market upturn in titanium feedstock

Rutile prices have risen to almost US\$900/t CIF China as demand for TiO₂ pigment runs high as coating season gets under full swing in Europe and the US.

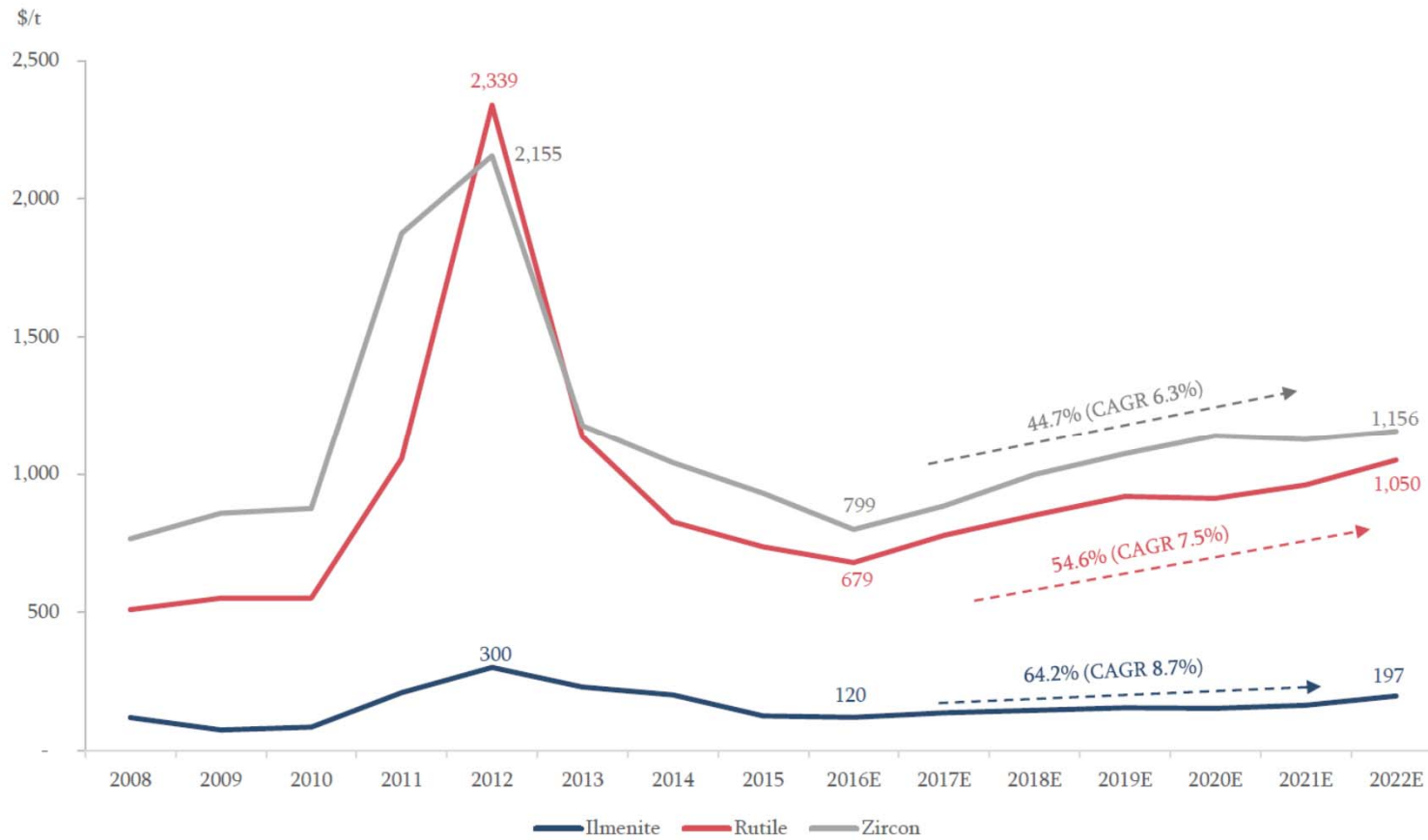
- Spot market prices for rutile, a key raw material in titanium dioxide pigment production, have risen substantially amid strong demand.
- Industrial Mineral's prices of rutile concentrate min 95% TiO₂ bulk CIF China rose to a range of \$800-890/tonne from \$700-840/tonne previously.



Source: Industrial Minerals – May 2017



Consensus on rutile: Significant price increase ahead

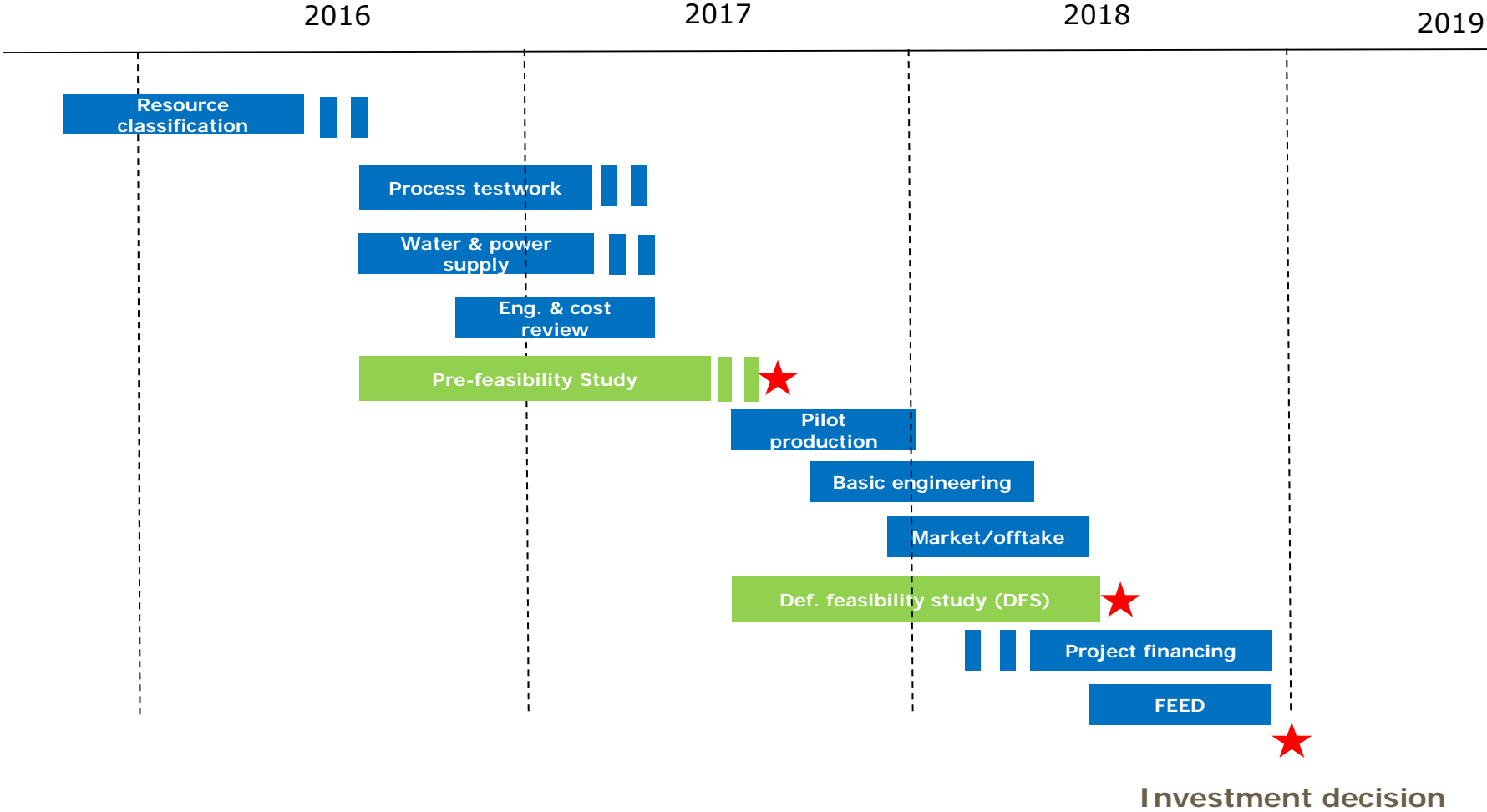


Source: Equity Research, reports by Deutsche Bank, Morgan Stanley, Macquarie, Credit Suisse, UBS, JP Morgan, Mirabaud, Davy, Cannacord Genuity (October 2016)

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



Timeline and milestones towards production



Sufficiently financed into DFS (Definitive Feasibility Study)



High purity lithium carbonate

Targeting fast growing lithium-ion battery markets and other advanced applications



Lithium Demand

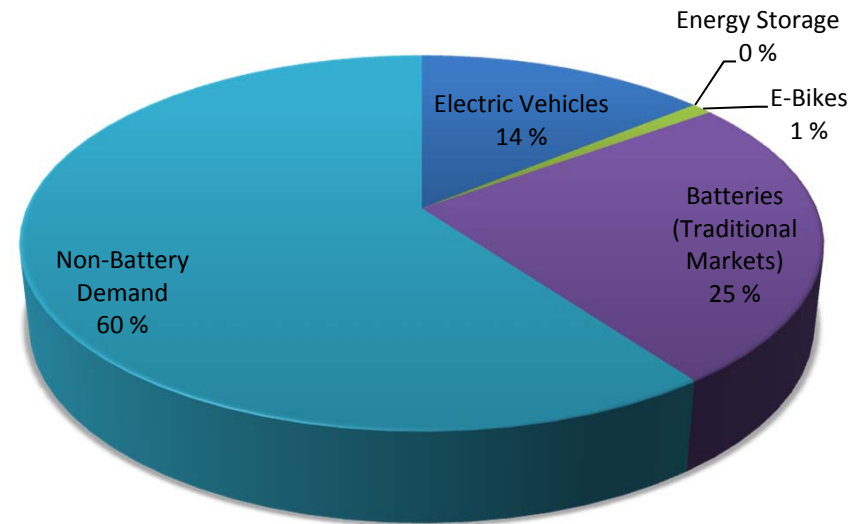
Robust market for lithium batteries



➤ Batteries and battery market

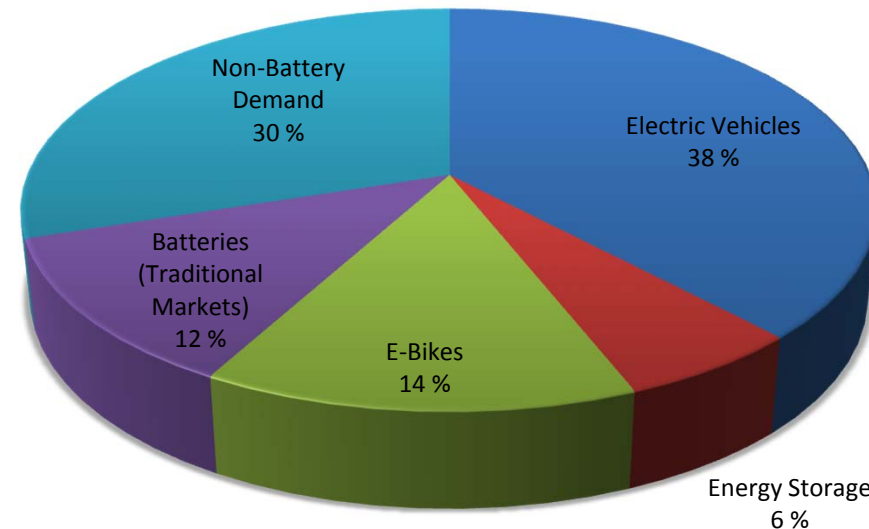
- Due to its high electrochemical potential and low atomic mass, lithium is widely used in batteries
- Hybrid and electric cars present the most promising application for lithium-ion batteries
- Demand for lithium used in the production of batteries for electric vehicles (E-Bikes excluded) was 25,100 LCE tons in 2015
- Deutsche Bank estimates that in 2025 the lithium demand for Electric Vehicles will be over 204,800 LCE tons

Source: Deutsche Bank



Lithium demand by applications 2015

Tot 181 000 tonnes LCE

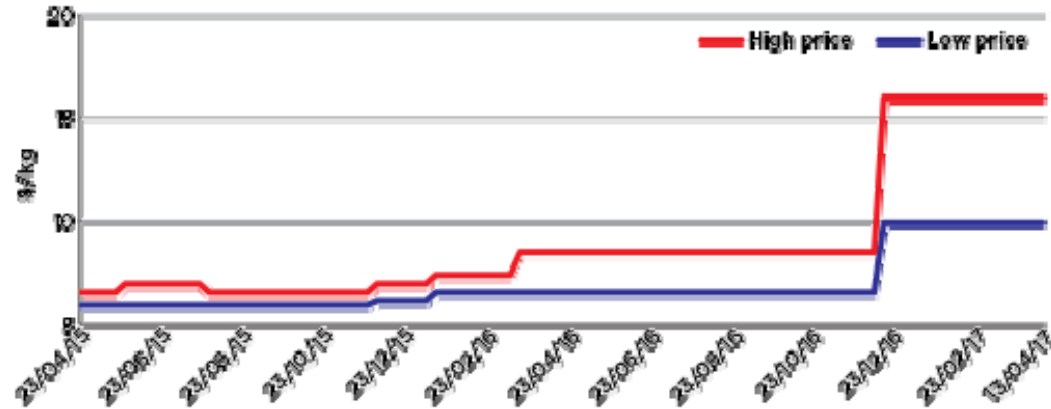


Lithium demand by applications 2025

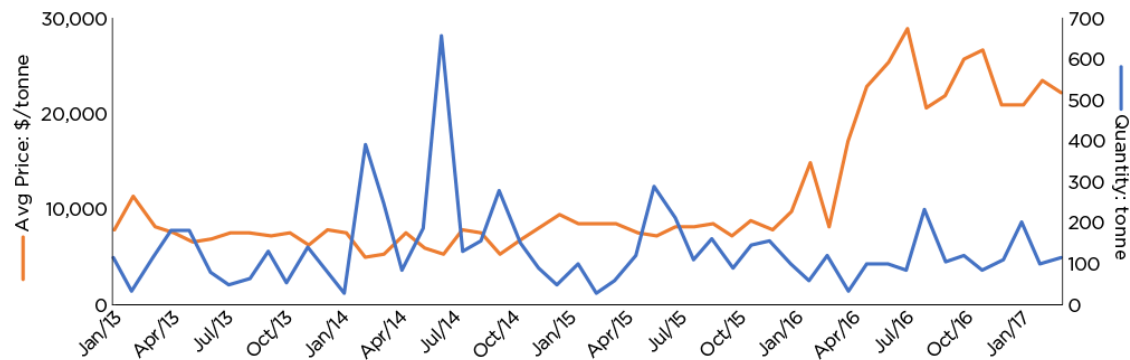
Tot 535 000 tonnes LCE

Lithium demand rally continues

“Chinese lithium demand is ballooning on the back of steep rises in demand from the electric vehicle and battery sectors, but despite having rich domestic lithium reserves, the country continues to rely heavily on imports and is worried about where future supply will come from.”



Lithium carbonate, min 99-99.5% Li₂CO₃, large biannual contracts, del US, \$/kg



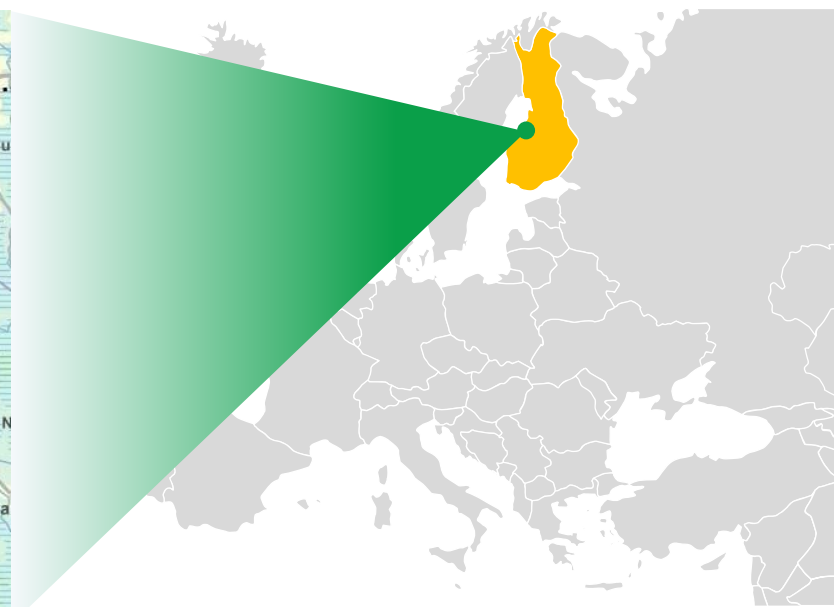
Chinese lithium carbonate exports January 2013 - February 2017



Ideal geographical location

Mining friendly jurisdiction and strong infrastructure

Keliber production plant and key transport hubs



- Well positioned for European markets
- Strong, existing infrastructure
- Valid permits, claims and reservations

★ Port of Kokkola ★ Railway station ★ Airport ★ Production plant

Reserves

Sufficient for production of 9,000 tons of lithium carbonate per annum for +11 years

Latest estimate of mineral resources and ore reserves (million metric tonnes)

Mt	Länttä	Syväjärvi	Outovesi	<u>Rapasaari</u>	(Leviäkangas)	(Emmes)	Total
Resources:							
Measured	0.437	-	-	-	-	-	0.437
Indicated	0.910	1.530	0.283	1.811	0.190	0.820	5.544
Sub-total	1.347	1.530	0.283	1.811	0.190	0.820	5.981
Inferred	-	0.190	-	0.160	0.210	-	0.560
Total	1.347	1.720	0.283	1.971	0.400	0.820	6.541
<i>Ore grade (Li₂O %)</i>	<i>1.06</i>	<i>1.35</i>	<i>1.40</i>	<i>1.25</i>	<i>1.13</i>	<i>1.40</i>	<i>1.26</i>
Reserves:							
Proven	0.470	-	-	-	-	-	0.470
Probable	0.540	1.480	0.250	1.780	0.187	0.715	4.952
Total	1.010	1.480	0.250	1.780	0.187	0.715	5.422
<i>Ore grade (Li₂O %)</i>	<i>0.94</i>	<i>1.19</i>	<i>1.20</i>	<i>1.09</i>	<i>0.99</i>	<i>1.06</i>	<i>1.09</i>

Ore Reserves are included in the Mineral Resources

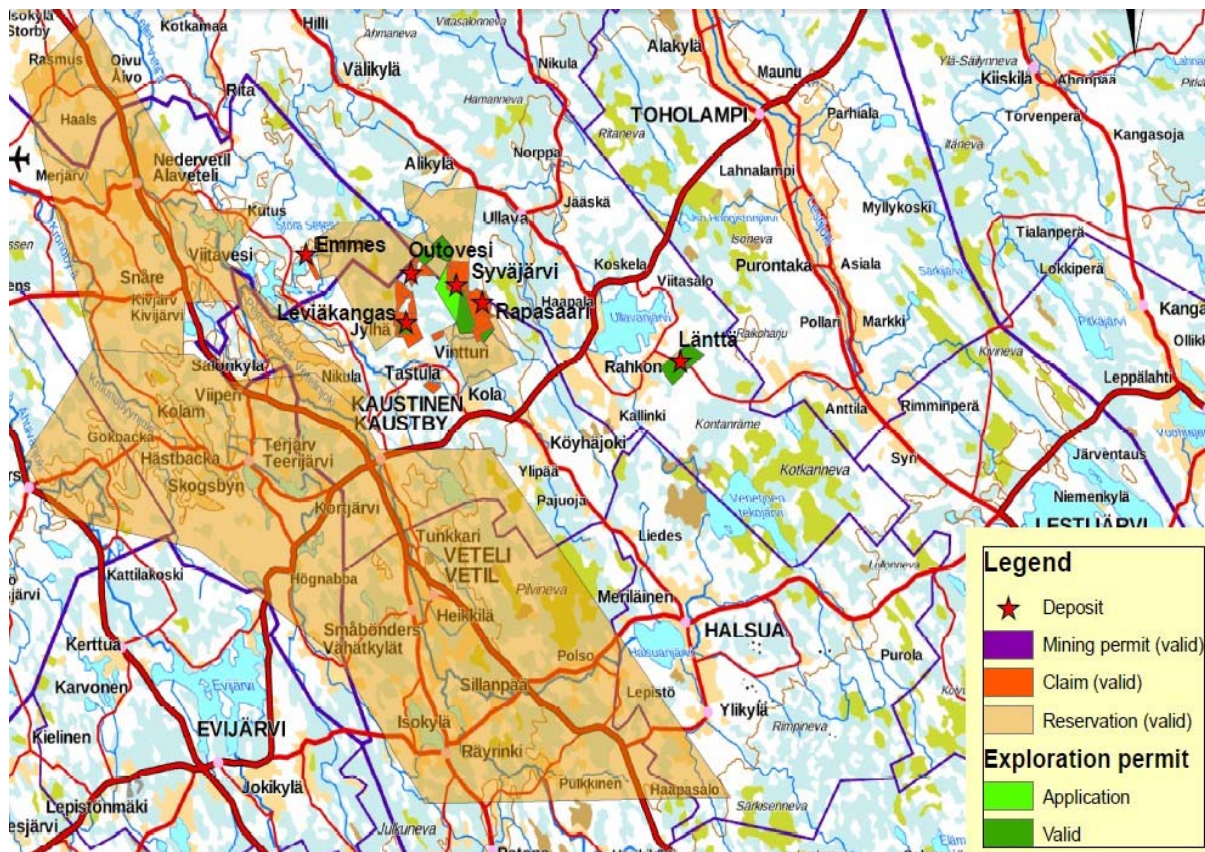
Estimates prepared by Competent Persons in accordance with 2012 JORC code

Excellent exploration potential

One of the most significant lithium-bearing areas in Europe

Overview of concession areas

- The lithium-rich province of Central Ostrobothnia covers over 500 sq. km
- A number of unexplored areas and excellent potential for further discoveries
- More than 1400 erratic boulders in the area

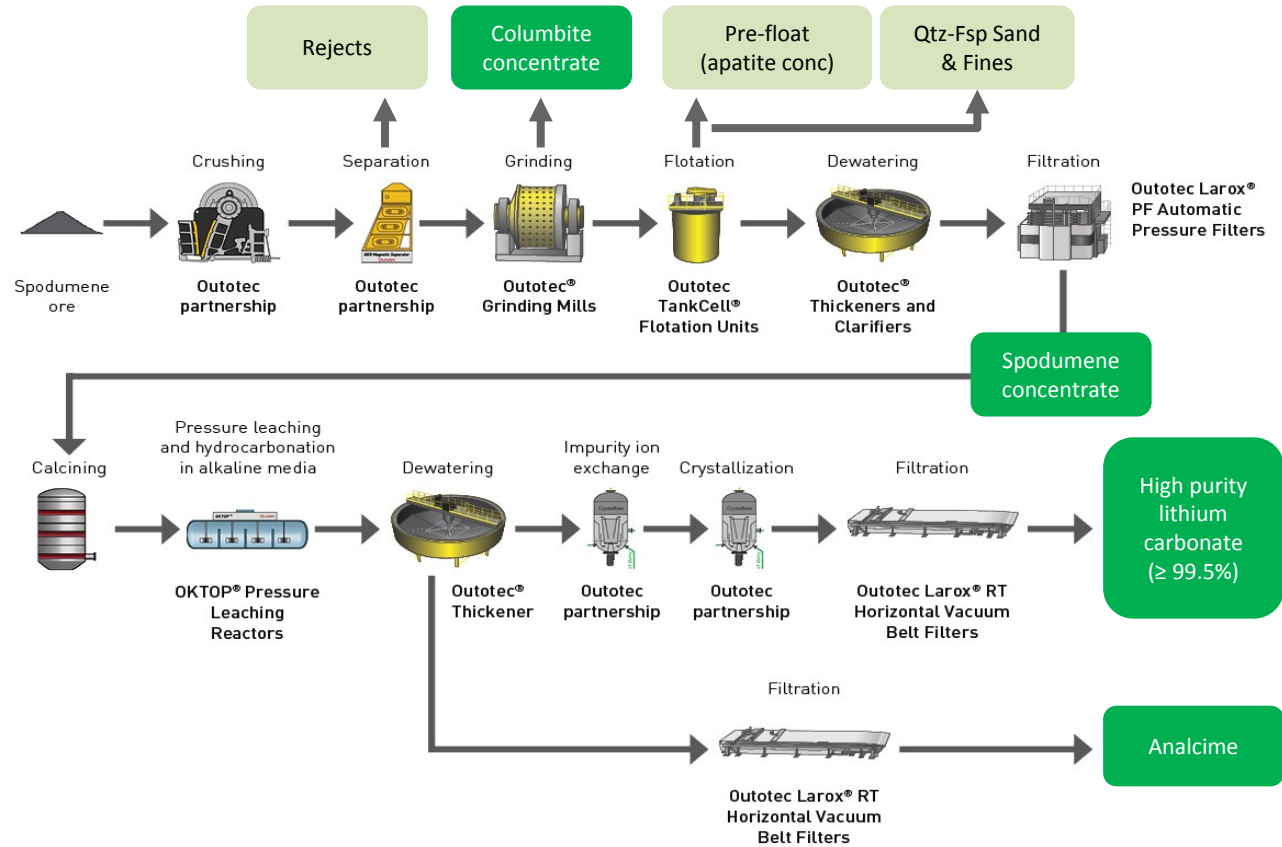


Innovative Process

Efficient and environmentally sound production of high purity lithium carbonate

Customized process developed together with Outotec

- Optical sorting
- Valuable by-products
- Concentrate grade optimization
- Environment-friendly soda leaching
- Tailings with no heavy metals nor acid generating minerals



Clearly profitable project

Pre-feasibility study conducted by Sweco Industry Oy

Key figures of pre-feasibility study and latest management case

	Pre-feasibility study Li ₂ CO ₃ production (9,000 t/a)	Latest management case Li ₂ CO ₃ production (9,000 t/a)
Ore reserves (Mt)	4.5	5.4
Plant capacity ore (t/a)	400,000	438,000
Operative time (years)	11.2	12.4
Basic investment (€m)	164	173
Total CAPEX (€m)	225	235
Total OPEX over the operative time (€m)	381	449
Sales over the operative time (€m)	800	1,090
Payback time from start-up	Approx. 4 years	4-5 years
Average lithium carbonate price 2018-2031	7,927	10,910
Net present value, @ 8% (€m)	97	148
Internal rate of return	21%	25%

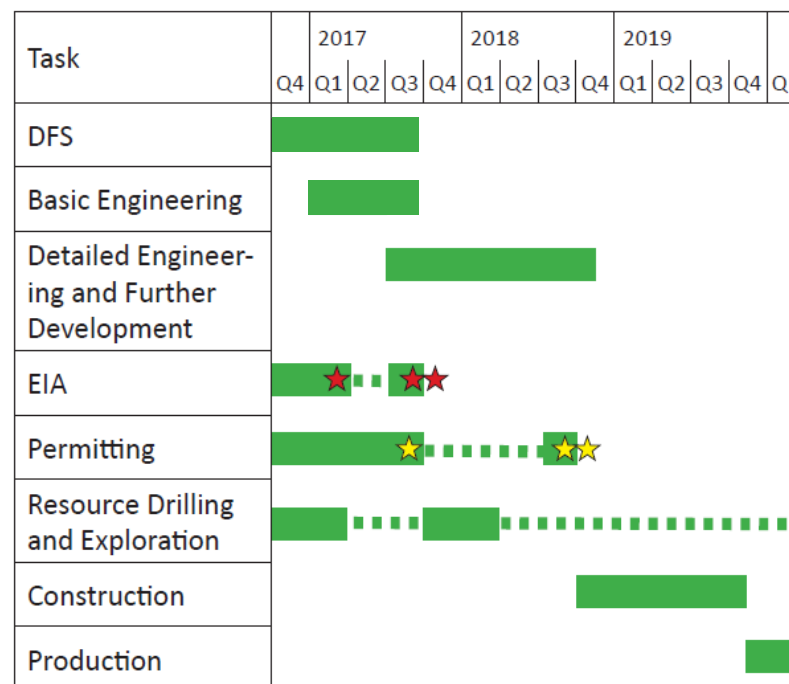
- Management case updates: lithium price, ore reserves, recoveries and by-products
- No immediate threats to the profitability based on sensitivity analysis
- 120–130 new jobs created

Project timeline

Continuing to definitive feasibility study and preparation for production

Tentative timeline for the next stages (2016-2020)

- Definitive feasibility study is on-going
- Basic engineering is on-going
- EIA and permit processes are on-going
- Further drilling and exploration 2017–2018
- Construction to be completed in 2019

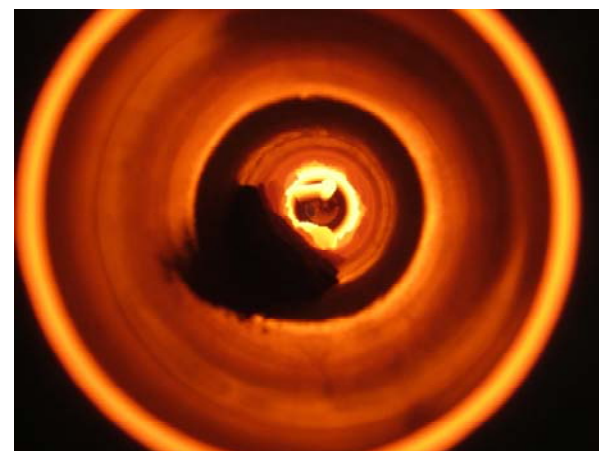


Production estimated to start late 2019

Filing the EIA to the authorities ★
 Statement from authorities ★★
 Filing the permit applications to the authorities ★
 Decision from authorities ★★

Steady progress towards lithium production in Finland

- Successful equity financing in March/April 2017 with gross proceeds of around €10.1 million
- Results from 4,000 meter winter drilling campaign expected in Q2 2017
- Feasibility study (DFS) well under way; completion targeted in Q3 2017
- Contract prices for lithium carbonate doubled from 2016 to 2017; continued strong market outlook
- Commercial planning is ongoing
- Strengthened management team
- Completion of permitting process and start of construction targeted in 2018



Keliber targets to be the first producer in Europe of high-grade lithium





Safety – Environment - Innovation



**NORDIC
MINING**

www.nordicmining.com