GREEN MINERALS

Energiskiftet

Stavanger

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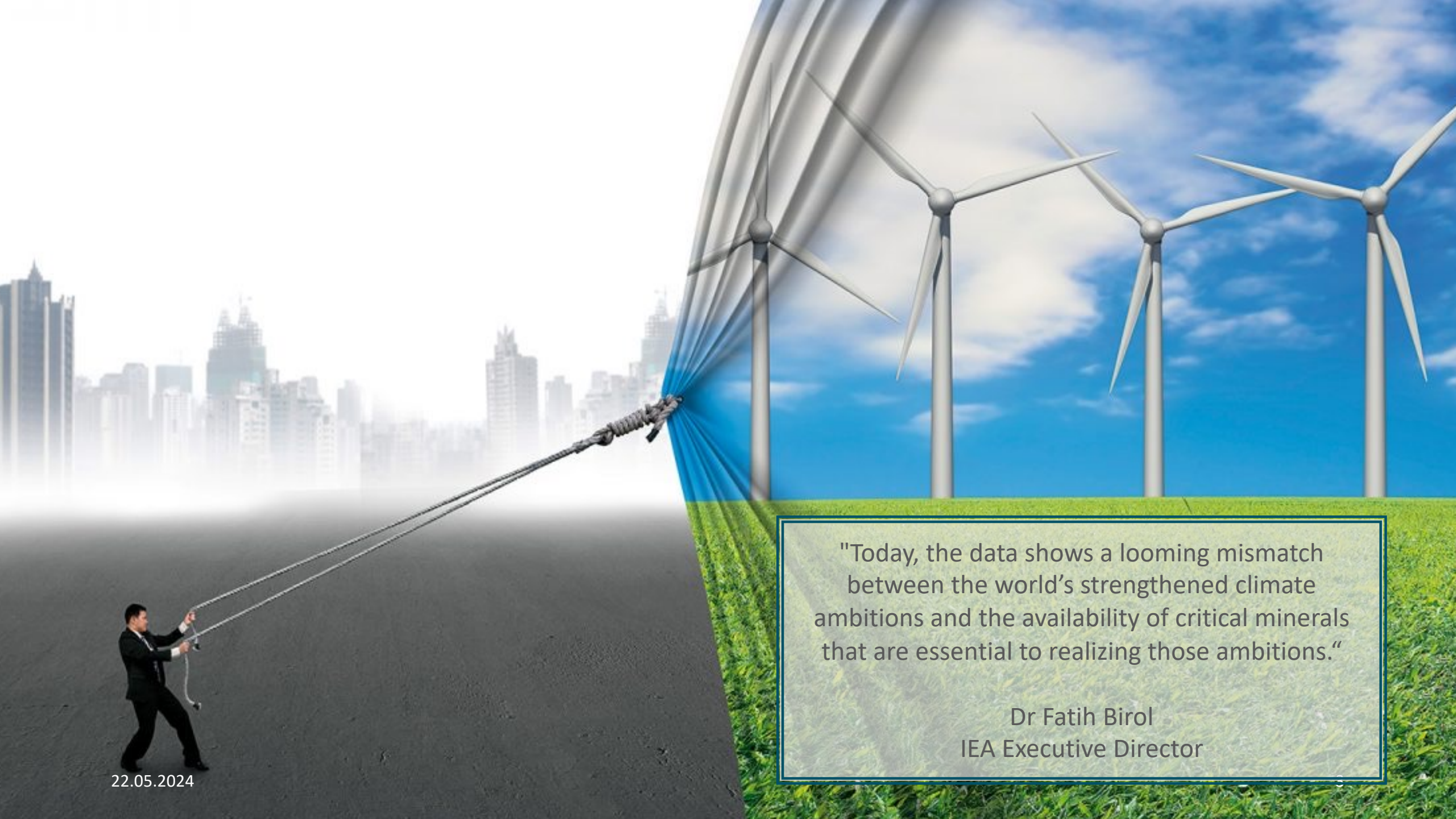
Green Minerals as

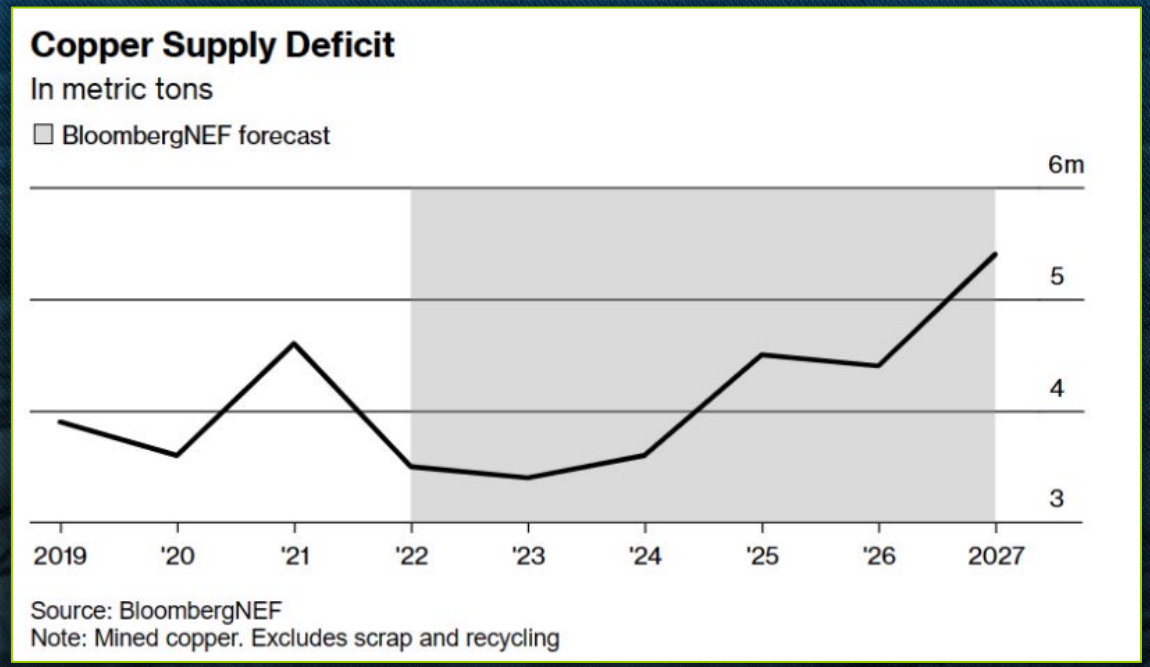
- One of two DSM players listed globally
- Headquartered in Oslo
- Listed in Oslo under ticker GEM NO
- Market cap USD 8 mill
- Norway opened up for DSM on 9 january 2024
- GEM is approaching next phase - **license ownership**

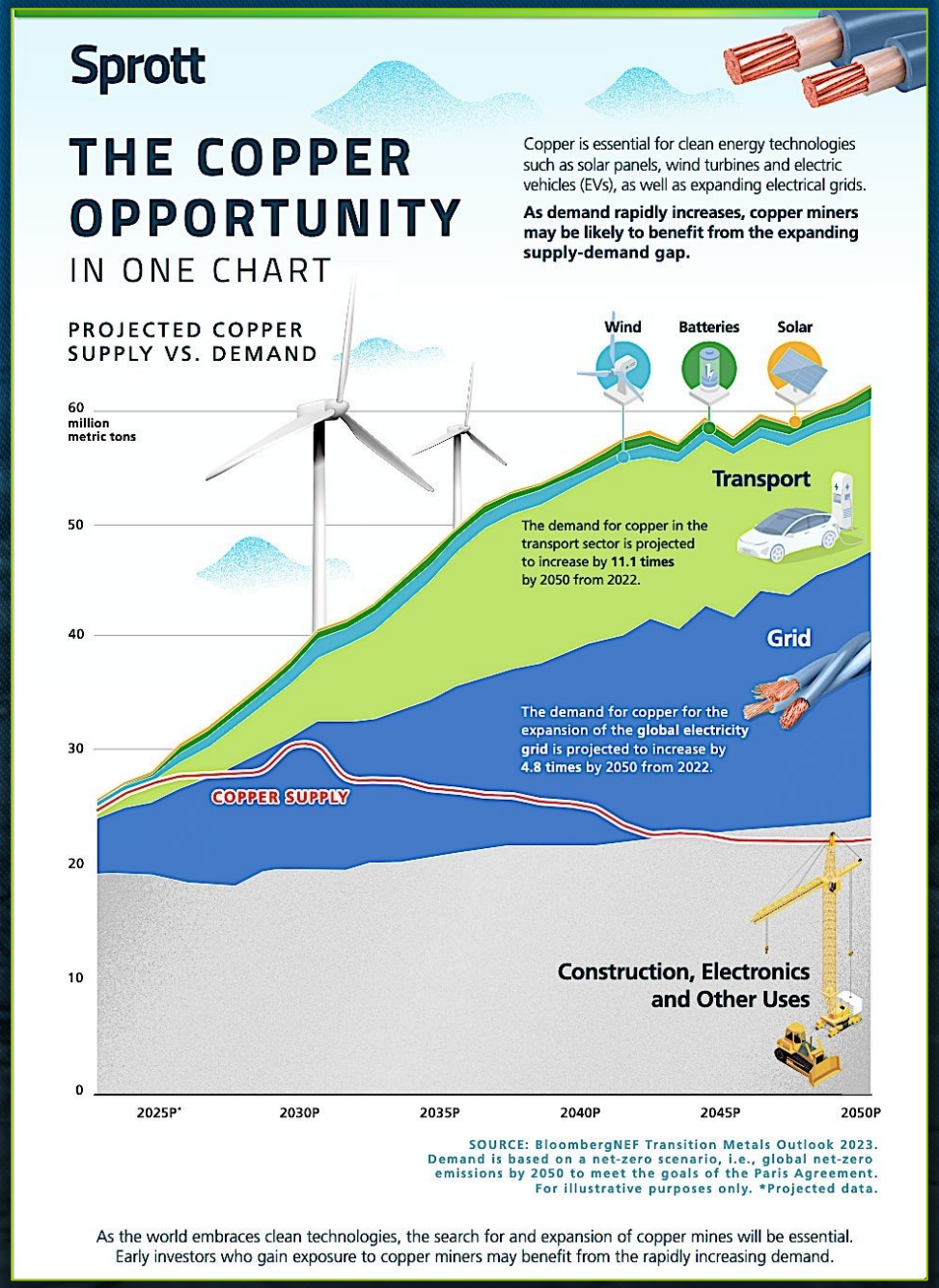


"Today, the data shows a looming mismatch between the world's strengthened climate ambitions and the availability of critical minerals that are essential to realizing those ambitions."

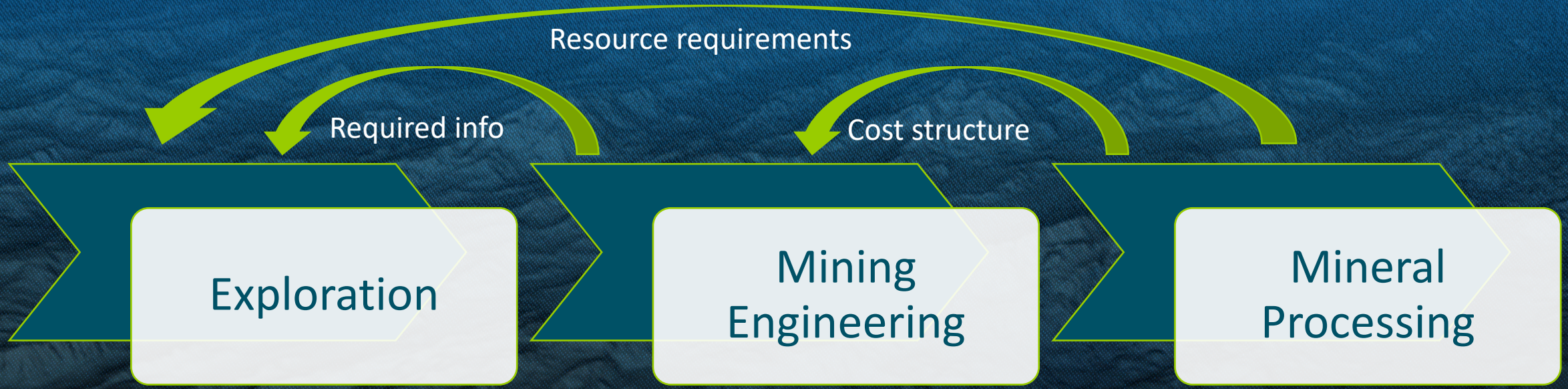
Dr Fatih Birol
IEA Executive Director

Copper deficit driven by grid and transport





The value chain of marine minerals



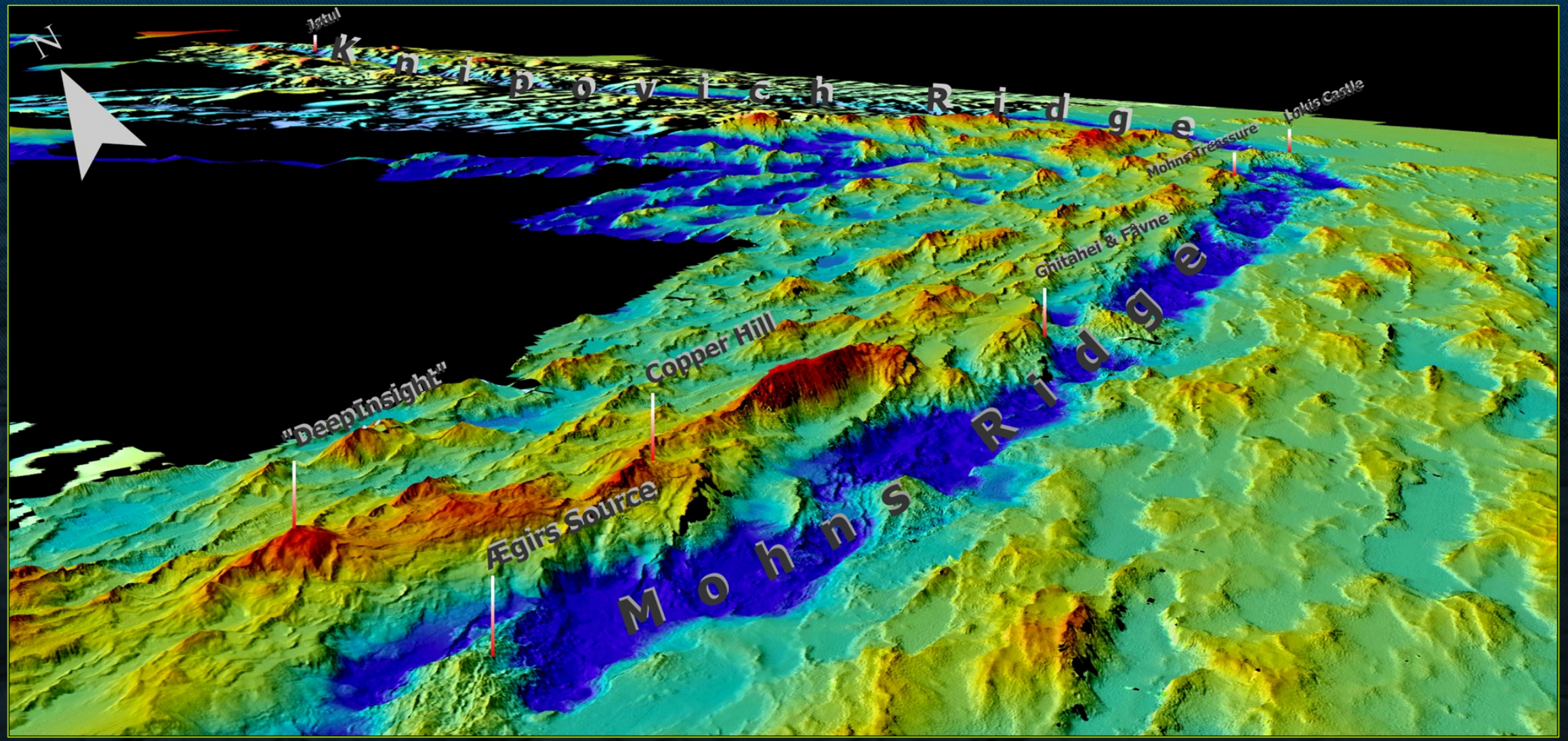
Identify and define resources

Converts resources into reserves i.e. minable part of resources

Actually, transform ore (raw material) into valuable product (concentrate for smelters)

=> Understanding the feedback loops is necessary to support the anterior activities

A geological hotspot



Concept for SMS mining system in Norway

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OSIMinerals™

Blendability study (SMS)-> Enabling our business strategy

Building a new processing plant means high CAPEX : long Life-Of-Mine (LOM) requirements

Need to discover several SMS deposits to sustain long production before making FID

Exploration time will be longer and expected revenues further in the future.

SMS ore are genetically related to other copper ores.

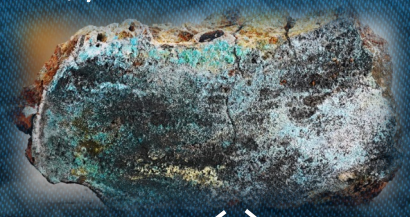
Business strategy: Integration of SMS ore in the existing copper processing flowsheet.

Reduction of consolidated resource portfolio

Reduction of exploration time and shorter route to first revenues

Win/win paradigm for existing aging mine by longer use of already spent CAPEX, and boosting of marginal ore

- 5-8000 tonnes/day ore to surface
- 1,5Mt ore/year



Existing facility

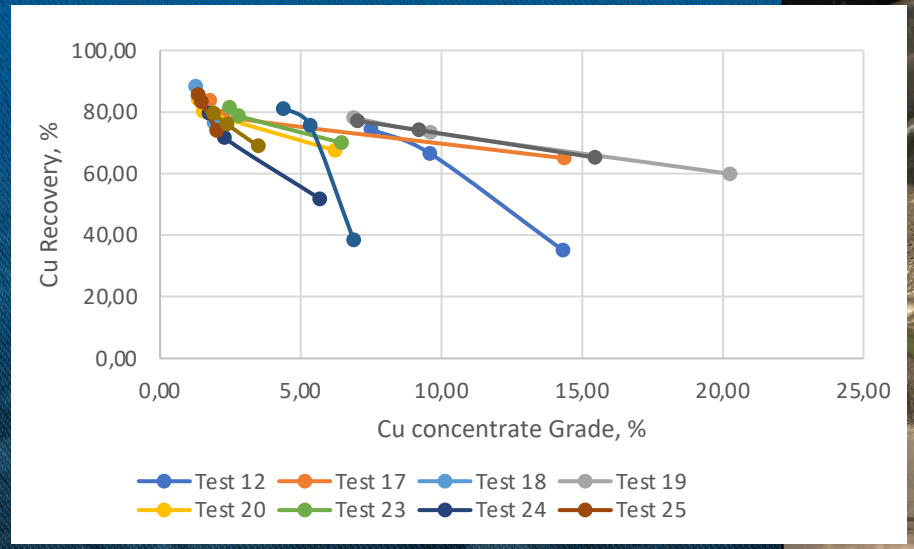
New facility

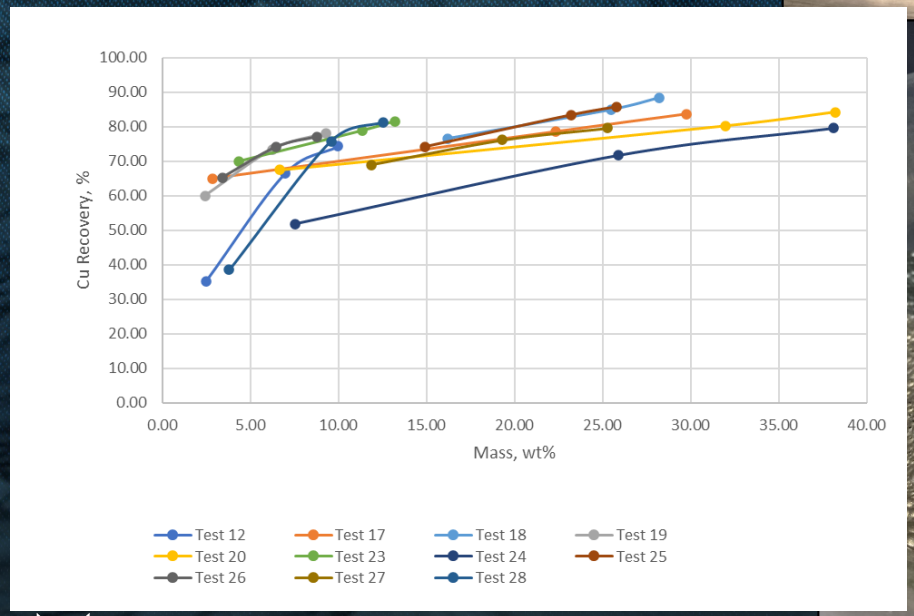
- 5 years production
- 7,5 Mt ore for project life

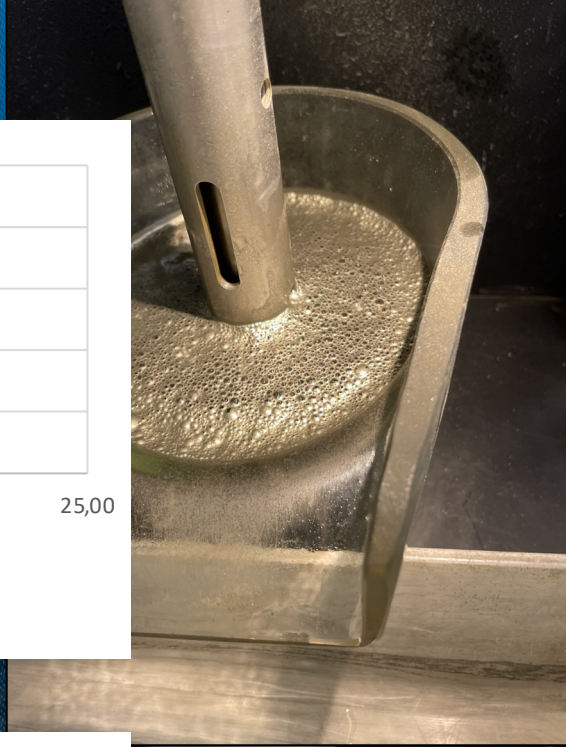
- 10-15 years production
- 15-22,5 Mt ore for project life

Blendability proven

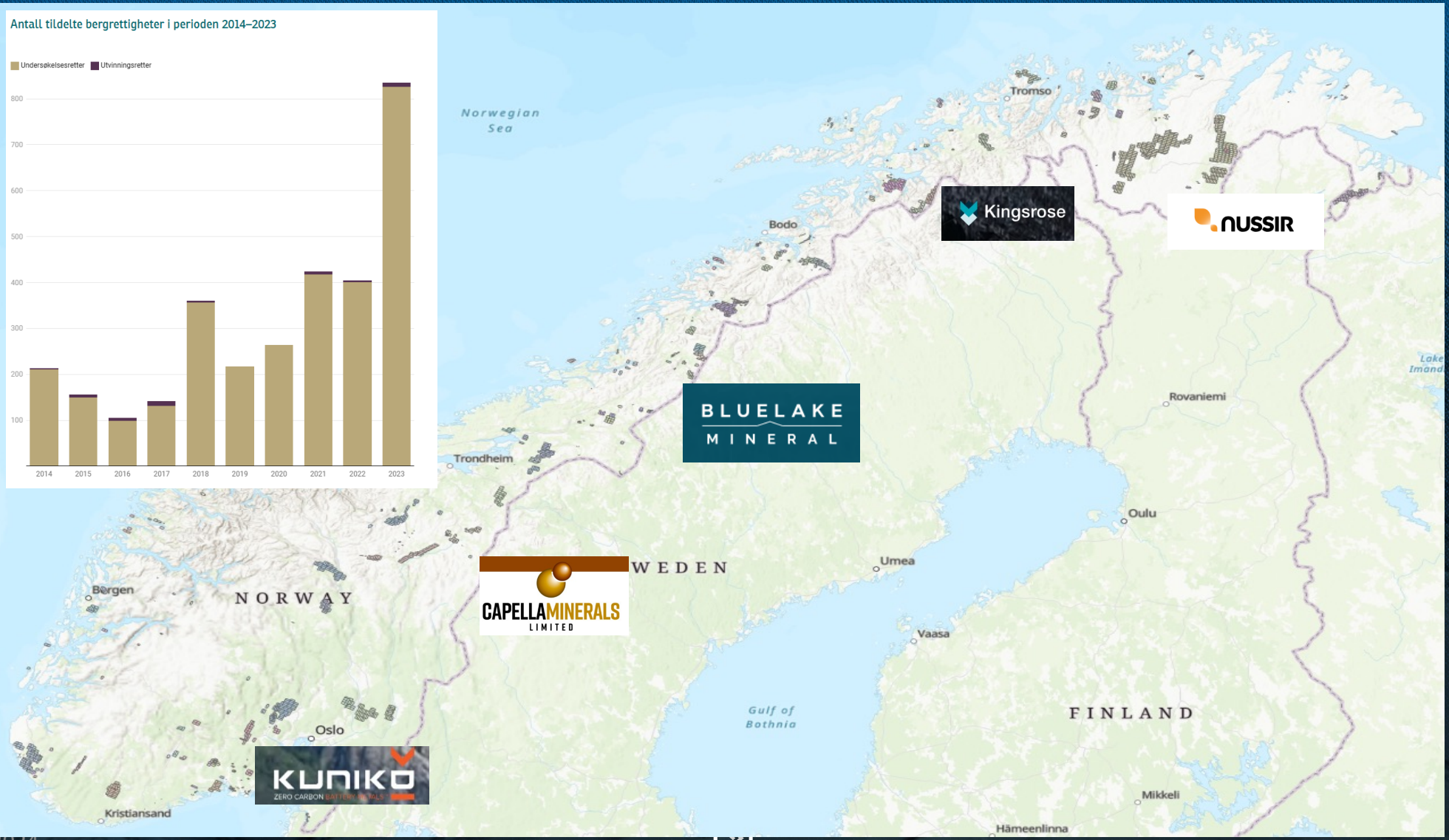
- 15 tests with different:
  - VMS/SMS ratios
  - Commonly used Reagents for floatation/depression
- Same comminution (d80 - 35µm)
- => SMS can be floated together with other copper ores
- => SMS can be introduced within the same comminution
- Business plan for smaller reserves stands







Increased activity



Q&A

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THANK YOU!