

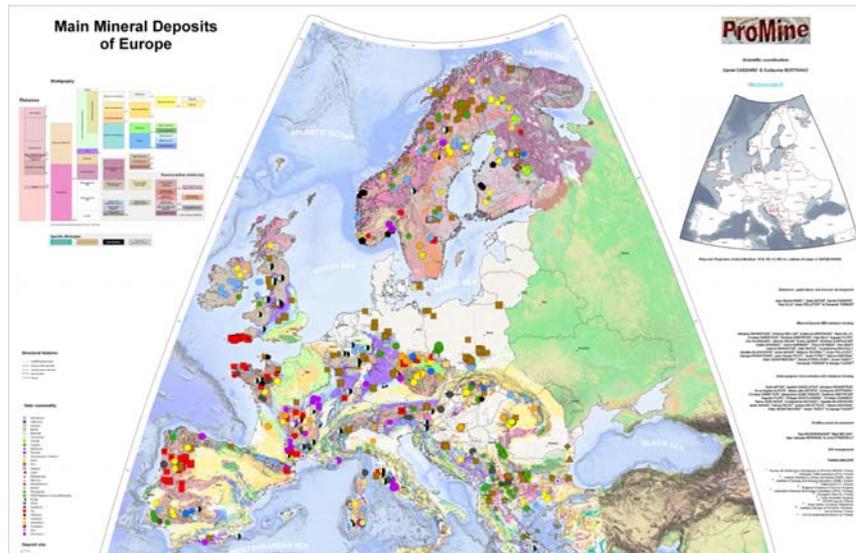


## Case Finland

*An industry perspective on the future of the Finnish mineral industry*

**Pekka Suomela**

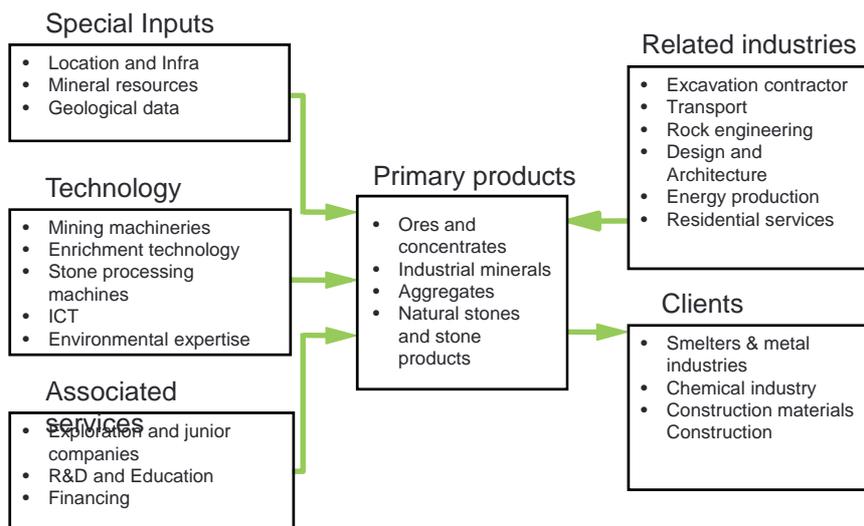
**FINNISH MINING ASSOCIATION (FinnMin)**



6/18/2019

3

## Finnish mineral value chain



4





## Mining – a key player for circular economy



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7

## Metals for EVs and Battery technologies - a sustainable energy supply chain



Sähköntuotanto ja -jakelu

kupari, harvinaiset maametallit, uraani



Sähkön varastointi

kupari, nikkeli, koboltti, sinkki, lyijy



Latausinfrastruktuuri

kupari



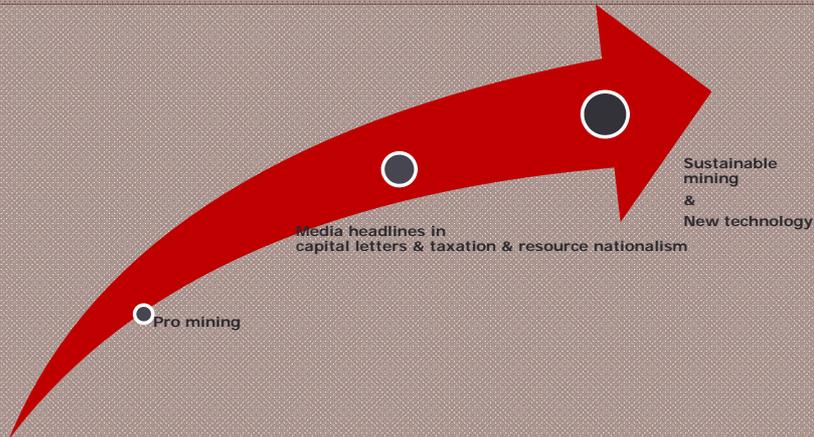
Sähköautot

kupari, nikkeli, koboltti, harvinaiset maametallit



# MINING POLICY and SOCIAL LICENCE

Times are changing



Mineral Industry Nordic

## From Investment Boom to Cooperation

- Mining boom in early 2000 => strong investments in Finnish mining sector
- October 2012 => round table process launched by the Finnish government in November 2012
- National action plan for sustainable mining published in May 2013
- Contained 35 proposals: two of them pointed out the need for improved dialogue and better monitoring and mitigation of social and environmental impacts

### Mining in Finland in a nutshell

- long tradition
- geological data and ore potential
- existing infrastructure
- high educational level
- political and social stability
- mining and processing cluster
- security

### Challenges & developing issues

- social licence to operate and reputation
- conflicts in land-use
- investments and financing
- volatile commodity prices
- long throughput time for permits
- discussion around uranium
- perception of foreign-owned companies



### **Some considerations**

- Fair, stable and predictable regulation and licensing
- Streamlining the regulation – Finnish government delivers!
- BREF for mining waste – EU is delivering
- Key EU-industry drivers:
  - Circular economy, energy efficiency, CO<sub>2</sub>
  - EU answers - for mining largely outside EU
  - R&D
- Finnish TSM - Network for Sustainable Mining



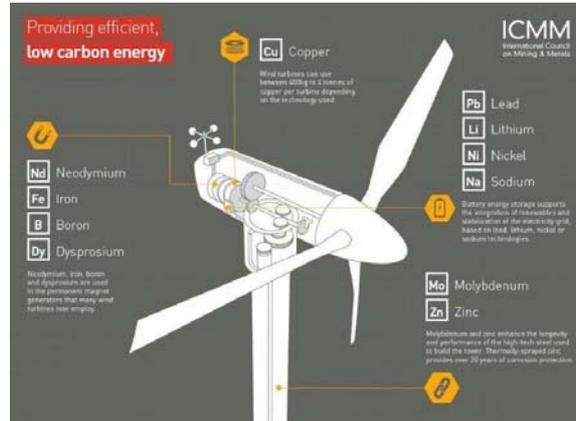
### **Global Problems Need Global Solutions**

- Finnish mining industry & steel and metal producers strongly support the goal to reduce emissions worldwide
- However, equal level playing field is needed globally to achieve the desired reduction
- Otherwise the EU will be exporting jobs and importing CO<sub>2</sub>

Thank you!



## Before it's yours, we mine it



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15