

# Building from Strength

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# *Introduction*

- Earth: complex, heterogeneous and made of minerals
- Natural resources concentrated in specific areas – e.g., parts of BC; not fully understood
- Discovery, extraction and processing are challenging
- Societal expectations of how this is done are, and always will be, increasing – a good thing

# *Current diversification*

- More of the same
  - New copper (molybdenum, gold...) mines
  - New natural gas production – new basins
- Continuous improvement
  - Better mines – energy and water efficiency, productivity
  - Improved relationships – First Nations, communities, civil society
  - Sustainability – energy, water, biodiversity

# *Increasing the scope*

- Different commodities
  - LNG
  - New metals and products – critical materials?  
Subject to endowment
- Downstream value add
  - Increasing processing and product options
  - New technology – R&D, testing and commercialization
  - Choices and challenges – developing a BC brand

# *Changing what we do*

- Mining and processing
  - Innovation – better mines (e.g., zero waste)
  - New technology clusters – resource technology + ICT, bio-economy and genomics
  - New markets – products, technology
- New ideas and approaches
  - Companies and deals
  - Partnerships with First Nations
  - Sustainability – a business-value driver producing a BC competitive advantage

# *BC 2040 – One scenario*

- Resource extraction delivers widespread value
- BC is the chosen provider of 4-5 branded commodities
- The world's most modern mines – fully automated, bulk underground operations with no surface waste
- Mining – partnerships: First Nations, mining and consumer goods companies
- Innovation in employment, organizations, and culture
- Expanded range of products from ores and urban ores – the circular economy

**BC – the go to place for collaborative, clean, efficient resource extraction – innovation and partnerships**



## Resources for Future Generations

Vancouver, Canada  
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**DIVERSITY**



**LOCATION**



**GEOLOGY**



**LEGACY**