

Chile: the Future of Mining

November 2018

I. Chile: Quick Mining Facts

- ✓ **US\$37.3 billion in mining exports: 2017**
- ✓ **27% of global copper production: 2017**
- ✓ **21% of global copper reserves**
- ✓ **200,000 specialized mining workers**
- ✓ **48% of global lithium reserves**
- ✓ **77,000 tons of lithium carbonate: 2016**
- ✓ **US\$65 billion in mining projects: 2017-2026**



II. Chile: Mining Innovation

ENERGY FOR THE FUTURE

- ✓ Top Latin American producer of renewable energy: solar & wind.
- ✓ 7th place globally.
- ✓ 19% of global installed solar energy capacity.

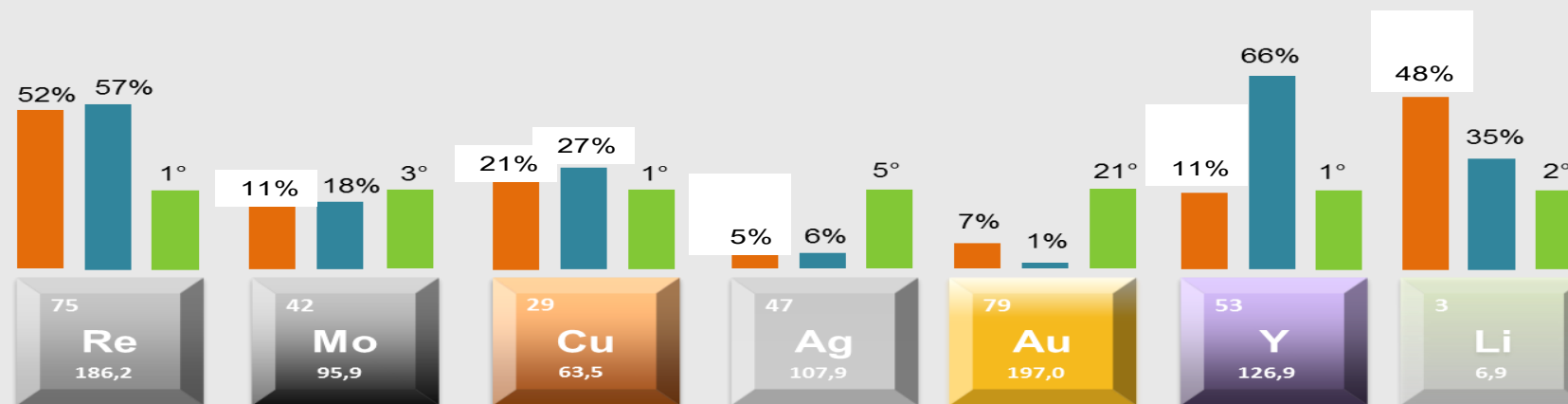
Chile is a natural laboratory to test new technologies and sustainable business.




Chile plans to diversify its energy matrix and aims to have 70% of energy production being clean and renewable by 2050

Chile is positioning itself as a global clean energy leader



III. Chile's Geological Potential

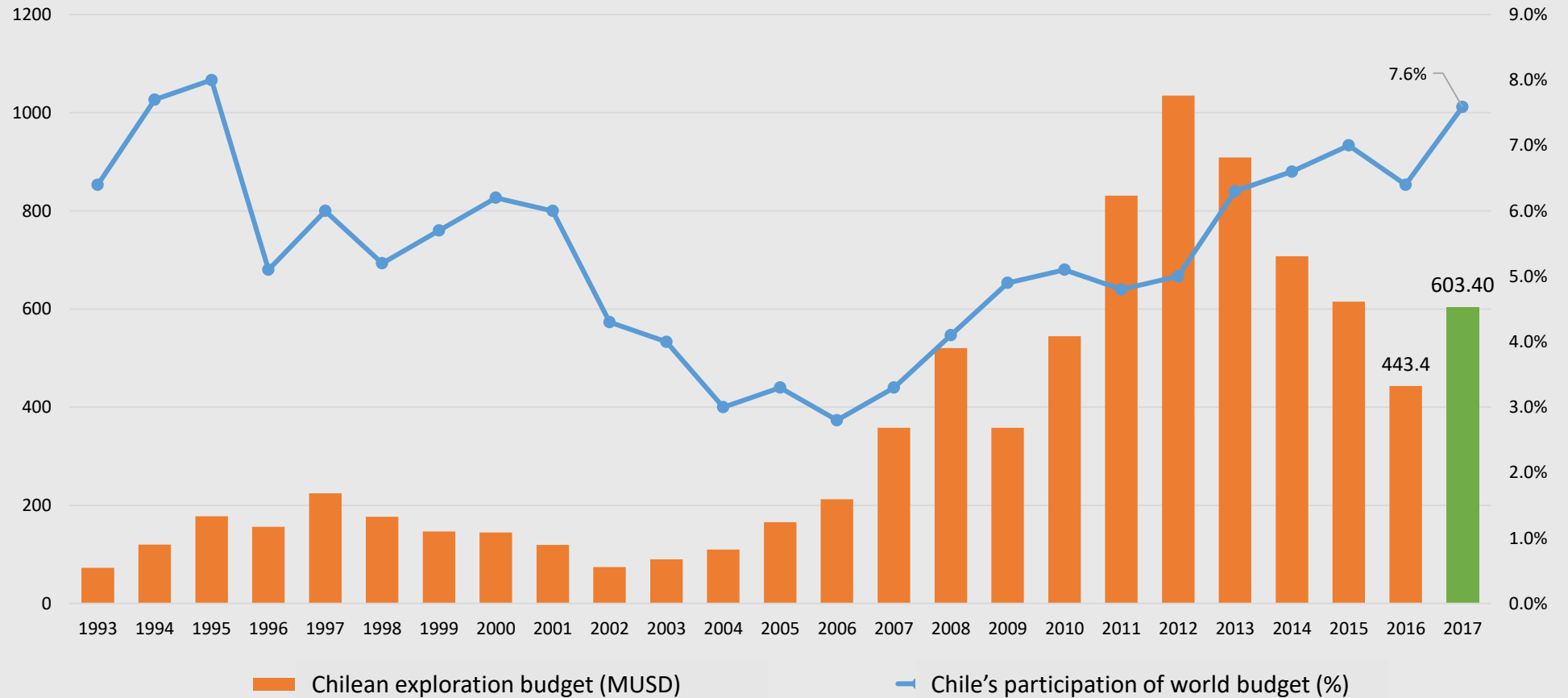


 % Reservas mundiales
 % Producción mundial
 Ranking mundial prod.

IV. Chile: Mining Exploration

EXPLORATION BUDGET

- ✓ Chile is 4th in global exploration expenditures
- ✓ Declining budgets since 2012, have been reverted since 2016 with another growth of 20% in 2017 and 2018.



Source: COCHILCO over SNL Metals & Mining data base (2017)

V. Final Thoughts



- **GREAT POTENTIAL REFLECTED IN GLOBAL LEADERSHIP IN:**

- global mining production
- geological potential
- innovation

- **CREATIVE DISRUPTION:**

- renewable energy
- desalination plants
- robotics
- big data: AI & Machine learning
- sensors & remote operations
- clean-tech

- **PARTNERSHIPS:**

- Canadian Mining Operators are the biggest investors in Chile