



Updated Compilation of EHS Regulations and Initiatives Affecting Nickel

Environmental and Economics Committee
Item 9
Lisbon
23 April 2009



Background

- Project began in 1998
- Updates have been made regularly, latest in 2007
- Information gathered directly from member countries and from other sources



Objective

- Provide a comprehensive overview of existing legislation affecting nickel, covering:
 - Exposure standards
 - Emission standards
 - Hazardous waste standards
 - Drinking water regulations
 - Health and safety in nickel producing workplaces
 - Recycling requirements



Work in 2009

- INSG request for update on EHS regulations sent out in late 2008
- Inputs from international organisations were verified via the internet
- Detailed replies were received from several jurisdictions
- EU Regulations were researched



The 2009 EHS Regulations Update

- The 2007 volume distributed to delegates (document NiEE103) includes coverage of 15 countries, the EU, the EEA and international organisations
- Where replies have not been received it is assumed that 2007 regulations are still in force
 - Information gaps are still evident, particularly in the case of INSG non-member countries



Countries Featuring in 2009 Compilation

- Australia
- Canada
- Finland
- EU
- EEA (Iceland, Norway, Lichtenstein) (EU regs apply)
- U.S.



2009 EHS Regulations

- Coverage of INSG data on the regulations includes more than half of global nickel trade
- The following charts show % of Production from Countries in Survey

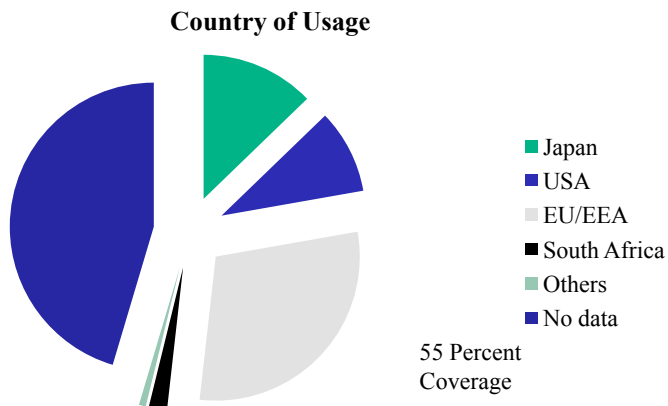
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Coverage by 2008 Usage



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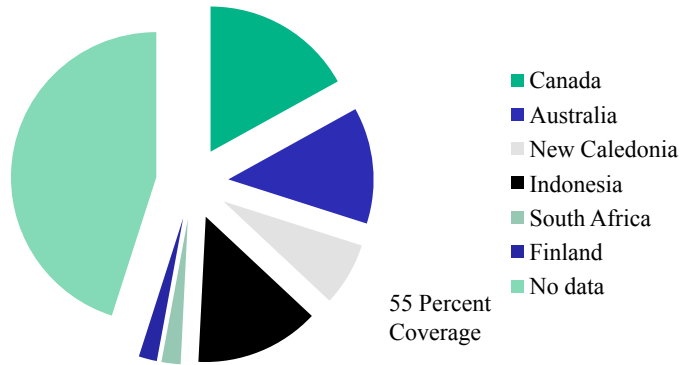
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Coverage by 2008 Mine Production

Country of Mine Production



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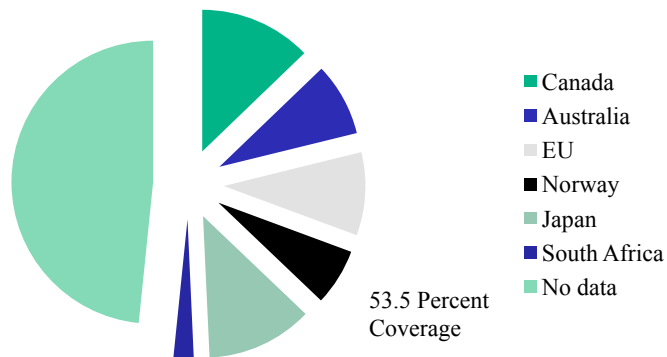
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Coverage by 2008 Production by Country

Country of Primary Metal Production



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Use as Early Warning

- One of the original purposes in issuing a compilation of legislation affecting nickel, was its use as an “early warning mechanism” with respect to new legislative initiatives. Therefore, information on possible changes in legislation in member countries is always welcome.



Improving EHS Coverage

- Member countries are requested to review the 2009 volume
- Further inputs can be made subsequent to this meeting
- Early Warning of impending changes in regulations are always welcome
- Delegates may wish to review the future usefulness of this work



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