



Rio Tinto Minerals

Building your Climate Action Plan

CCAR Members Meeting

October 7, 2008

Gregg Wagner – Director, Sustainability & Environment



Agenda

- Who we are
- How we got here
- Lessons learned
- Where we're headed



employees

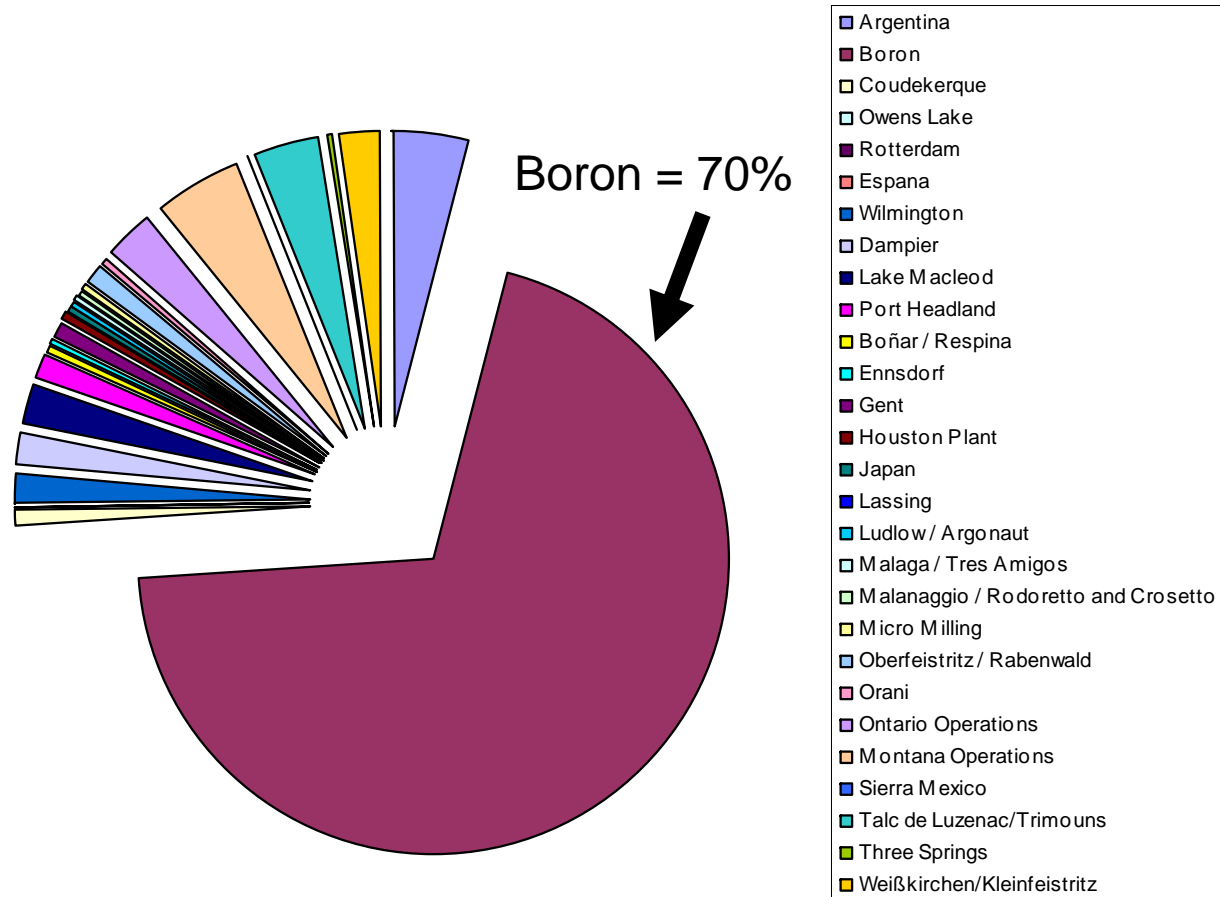




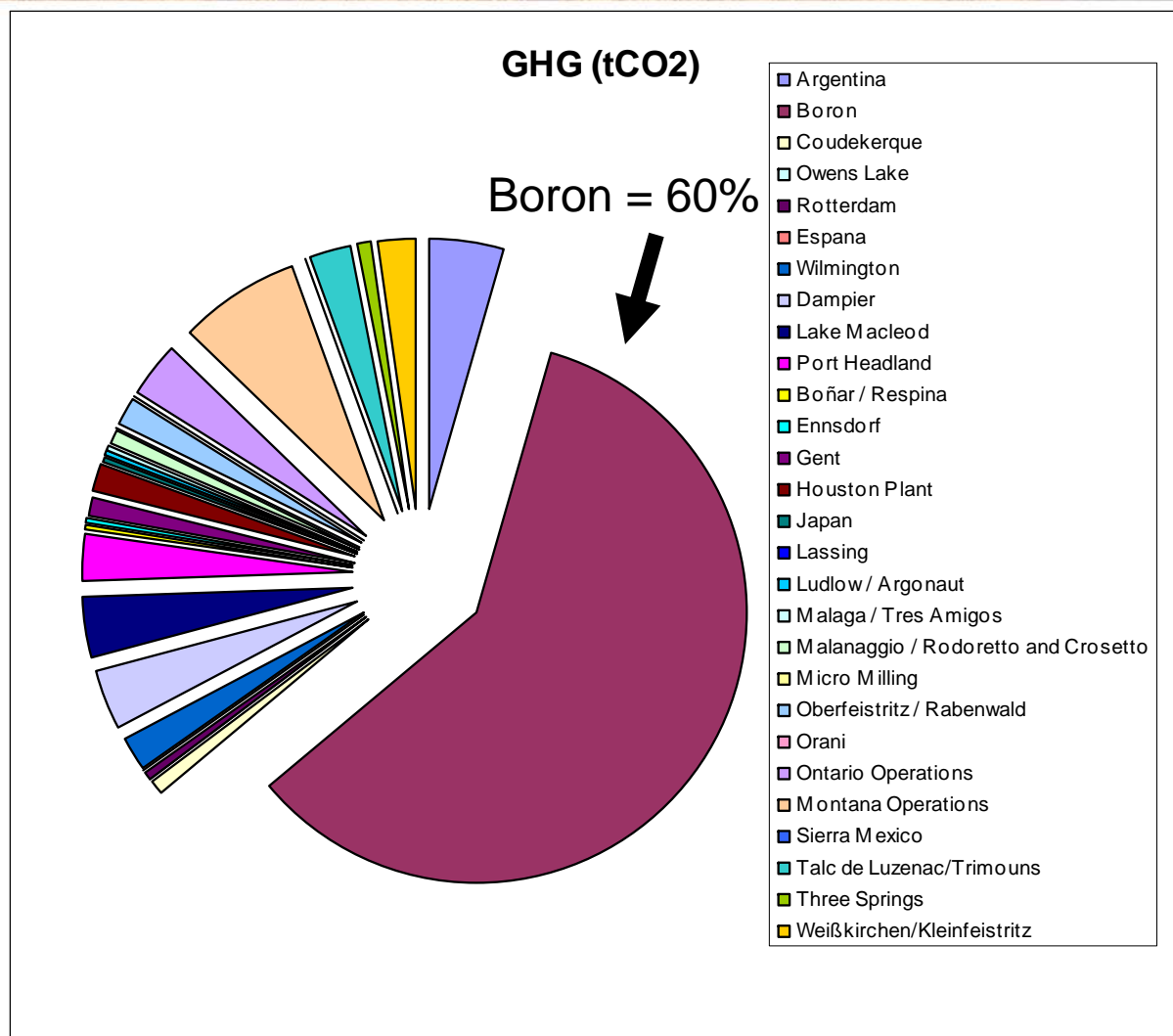
- How we got here
 - Measuring & public reporting of energy & GHG since 1990
 - First mining company to join CCAR
 - Verified emissions back to 2000



Energy (MJ)



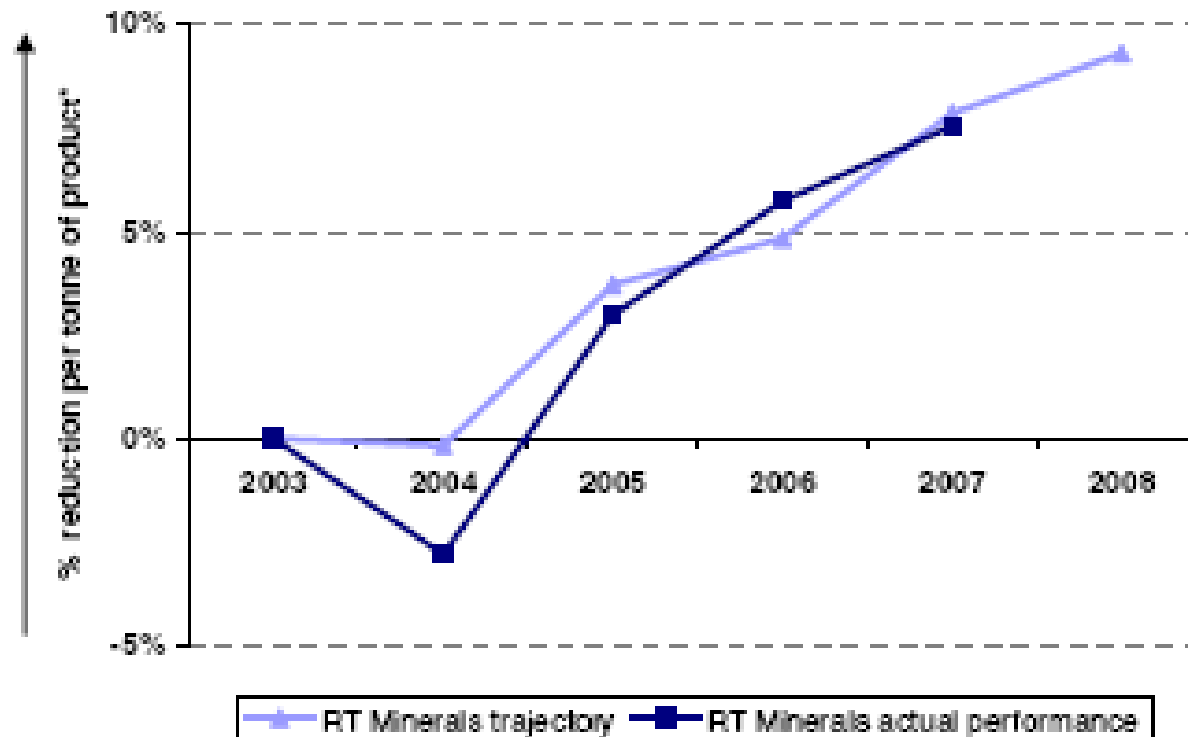
9.77
Petajoules
(2007)



510,171
tonnes (2007)

Energy Use Reduction Performance

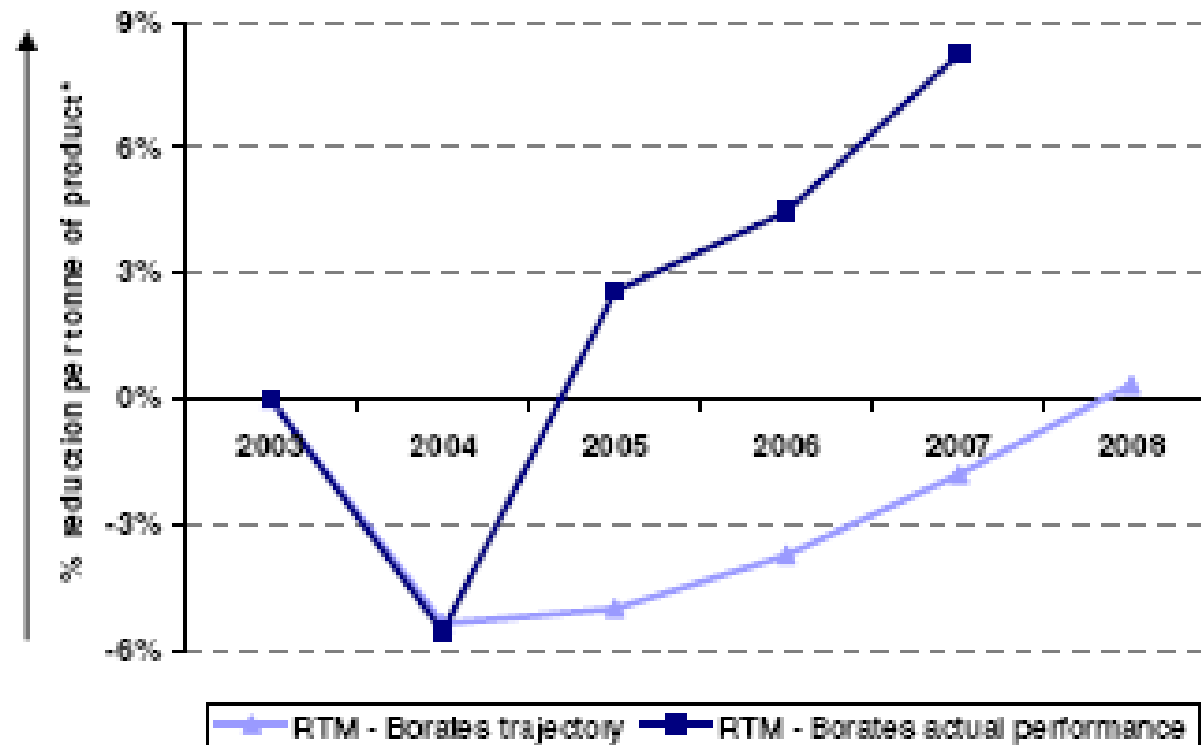
Rio Tinto Minerals



- Rio Tinto Minerals' overall performance was in line with the planned trajectory.
- Rio Tinto Minerals had a 7.5% reduction in energy use per tonne of product* since 2003.

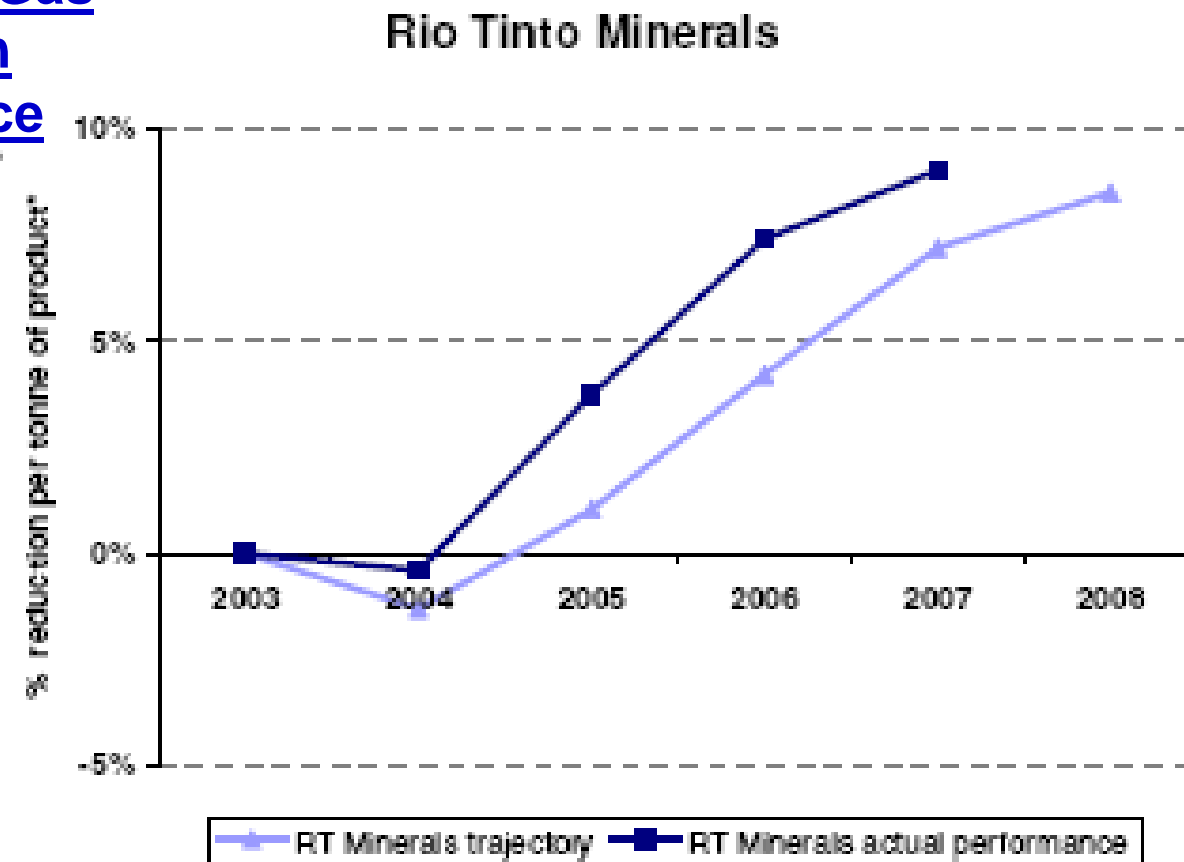
RT energy use target = 5%

RTM – Borates



- RTM – Borates' performance was ahead of the planned trajectory.
- RTM – Borates had an 8.2% reduction in energy use per tonne of product* since 2003, resulting from improved efficiency at RTM – Boron Operations' mining and BAP activities.

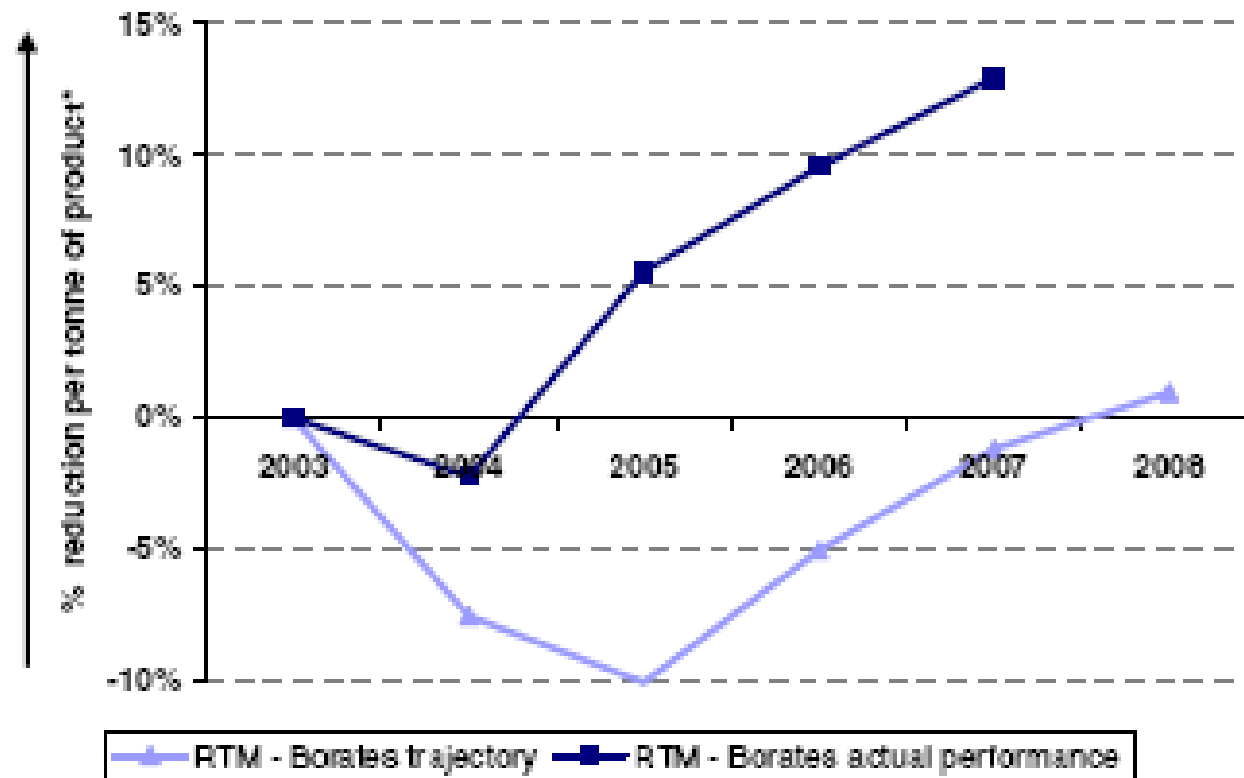
Greenhouse Gas Reduction Performance



- Rio Tinto Minerals' overall performance was ahead of the planned trajectory.
- Rio Tinto Minerals had a 9.1% reduction in total greenhouse gas emissions per tonne of product* since 2003.

RT GHG reduction target = 4%

RTM – Borates



- RTM – Borates' performance was ahead of the planned trajectory.
- RTM – Borates had a 13% reduction in total greenhouse gas emissions per tonne of product* since 2003, resulting from improved energy efficiency.



- Lessons learned
 - Have clear plans & goals
 - Use existing infrastructure (financial reporting) to gather data
 - Meter/measure/monitor
 - Empower everyone to gather/provide energy efficiency ideas



- Keys to success:
 - Sustainable Development & Organizational Effectiveness programs at RTM
 - Energy Efficiency Reviews at Operations
 - Energy Management Teams at Operations
 - Including cost of carbon in project evaluations for >2 years
 - Personal accountability (STIP)
 - Life Cycle Assessments of products



- Where we're headed
 - Engaging with governments & customers to identify & develop low emission product pathways
 - Joined The Climate Registry
 - AB32 reporting
 - Western Climate Initiative
 - US Climate Action Partnership
 - Continued energy efficiency/renewables evaluations



- Evaluation and implementation of renewables
 - Hydro in Europe
 - Solar “trees” in Boron
 - Solar thermal
 - Full scale wind turbines in Montana talc sites
 - Micro Wind Turbines in Boron



Minerals that make a difference