

Sustainable Mineral Processing and Environmental Management in the Minerals Industry

17-20 March 2009, 8:45 – 3:30 daily
Murdoch University, Loneragan Lecture Theatre

Day 1 – Tuesday 17 March

Session 1: 9:00 – 10:45

- Welcome, Dan Churach, CSRP and Murdoch University
- Overview of Sustainable Resource Processing, Dr Jim Avraamides, CSRP
- Sustainability and the Minerals Industry: Creating Enduring Assets; Erik Stanton-Clements, Sustainability Advisor, Parsons Brinckerhoff

Tea: 10:45 – 11:15

Session 2: 11:15 – 12:45

- Mining Act 1978 (WA) and Regulations – Andrew Bartleet, Environmental Division, Department of Mines and Petroleum
 - Guidelines for Mining Proposals in Western Australia
 - Mining Amendment Act 2004
- Demelza Dravnieks, Environmental Division, Department of Mines and Petroleum
 - Mine tailings disposal
 - Mine rehabilitation

Lunch: 12:45 – 1:45

Session 3: 1:45 – 3:15

- A broader view of sustainability – Mr Terry Lewis, Principal Policy Officer, WA Department of Environment and Conservation, Sustainability Division
- Rights in Water and Irrigation Act 1914 (WA) and update on new legislation being written – Mr John Roberts, WA Department of Water

Day 2 – Wednesday 18 March

Session 4: 9:00 – 10:30

- Alben Bossilkov, Centre of Excellence in Cleaner Production and CSRP
 - Industry and Environment
 - Introduction to Sustainable Development
 - Basic concepts
 - Public policy

Tea: 10:30 – 11:00

Session 5: 11:00 – 12:30

- Alben Bossilkov
 - Industrial Environmental Management Part 1
 - Cleaner production
 - Environmental management systems
 - Design for environment

Lunch: 12:30 – 1:30

Session 6: 1:30 – 3:15

- Alben Bossilkov
 - Industrial Environmental Management Part 2
 - Life cycle assessment
 - Industrial ecology
 - Environmental performance, measurement and reporting

Day 3 – Thursday 19 March

Session 7: 9:00 – 10:30

- Glen Corder, Sustainable Minerals Institute and CSRP
 - Global Sustainability Part 1
 - Corporate strategy and triple bottom line approach
 - Sustainable reporting

Tea: 10:30 – 11:00

Session 8: 11:00 – 12:30

- Glen Corder
 - Global Sustainability Part 2
 - Innovation and the role of technology
 - Green chemistry and green engineering

Lunch: 12:30 – 1:30

Session 9: 1:30 – 3:30

- Glen Corder
 - Workshop on “Putting Sustainability into Practice”
 - Sustainability and why we need to consider it in mineral processing projects
 - Including sustainability in project development
 - Aluminium smelter case study

Day 4 – Friday 20 March

Towards a more sustainable future – Case studies

Session 10: 9:00 – 10:30

- Glen Corder and Albena Bossilkov
 - Case Study One

Tea: 10:30 – 11:00

Session 11: 11:00 – 12:30

- Glen Corder and Albena Bossilkov
 - Case Study Two

Wrap Up: 12:30 – 1:00