



MS Word Export To Multiple PDF Files Software - Please purchase license.PROJECT STATUS REPORT FORM

Project Number: CLM-06-09	Task Force: Coal Mining												
Title of Project: Coal Mine Health and Safety													
Lead Partner Country: Australia (as Secretariat of the Coal Mine Health and Safety Steering Committee)													
<p>Participating Partner Countries and Organizations: APP Partners, including Steering Committee meeting attendance by:</p> <ul style="list-style-type: none"> • Australia – Dept of Resources, Energy & Tourism, CSIRO, Rio Tinto, Xstrata Coal • Canada - AECOM • China – National Development and Reform Commission, State Administration of Work Safety • India – Ministry of Coal, Coal India Ltd • Japan – Japan Coal Energy Center • US – Department of the Interior, National Institute for Occupational Safety & Health, Peabody Energy, AmerCable Inc. 													
Project Location (Country, State/Province, City): throughout participating APP Partner countries													
<p>Project Manager Information</p> <table> <tr> <td>Name:</td> <td>Mr Michael Alder Manager - Coal Industry & Mine Safety Resources Division</td> <td>Phone:</td> <td>+ 61(0) 2 6213 7428</td> </tr> <tr> <td>Organization:</td> <td>Dept of Resources, Energy & Tourism</td> <td>Fax:</td> <td>+ 61(0) 2 6213 6757</td> </tr> <tr> <td>Address:</td> <td>GPO Box 1564 CANBERRA ACT 2601 Australia</td> <td>Email:</td> <td>michael.alder@ret.gov.au</td> </tr> </table>		Name:	Mr Michael Alder Manager - Coal Industry & Mine Safety Resources Division	Phone:	+ 61(0) 2 6213 7428	Organization:	Dept of Resources, Energy & Tourism	Fax:	+ 61(0) 2 6213 6757	Address:	GPO Box 1564 CANBERRA ACT 2601 Australia	Email:	michael.alder@ret.gov.au
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Project Start Date: December 2006	Date of Project Status Update: October 2009												



Actions Since Last Update:

Leading Safety Technologies (Australia and China)

- Proponent undertaking key activities identified as core deliverables of the sub-project.

Coal Mining Workforce Safety Skills, Training and Education (USA)

- Project progressing in-line with implementation plan of the sub-project.

Legislative Frameworks and Regulatory Capacity for Health & Safety (China & USA)

- Project progressing in-line with implementation plan of the sub-project.

Hazard Identification and Risk Management Capacity Building (Japan with Australia assisting)

- Proponent undertaking key activities identified as core deliverables of the sub-project.

Safety Leadership Capacity Building (India)

- Project progressing in-line with implementation plan of the sub-project.

UCMSRC (Canada)

- Coal explosibility testing of samples from a mine in Alberta. Collection of information on training, qualifications, and competency; recruiting student assistance.



Deliverables Since Last Update:

Progress on Outcome 1 (taken from the respective Implementation Plan) for each of the 5 sub-projects, with details as follows:

Leading Safety Technologies (Australia and China)

- Identify key safety and health risks in APP mines; and examine technologies that are currently being used, introduced or developed that have the potential to become best practice safety and health technologies.

Coal Mining Workforce Safety Skills, Training and Education (USA)

- The mine safety curriculum of each member country will be documented and compared to identify a minimum mine-safety training curriculum.

Legislative Frameworks and Regulatory Capacity for Health & Safety (China & USA)

- Produce a catalogue of partner countries' legislative and regulatory frameworks and their capacity to regulate mine health and safety.

Hazard Identification and Risk Management Capacity Building (Japan with Australia assisting)

- Compile methods, tools and aids to assist member countries manage hazard identification, risk management, crisis management and disaster recovery in the underground coal mining industry.

Safety Leadership Capacity Building (India)

- Enumeration of what it is to display effective safety leadership within an organisation through case studies and further analysis.

Date Completed: Mid-late 2009

Milestones Reached:

Activities currently being undertaken on the 5 sub-projects are as follows:

Leading Safety Technologies (Australia and China)

- The safety technology report has been finalised, and the best practice report has been delivered and is currently being assessed.

Coal Mining Workforce Safety Skills, Training and Education (USA)

- The report detailing and comparing training in the Partner countries is currently being finalised.

Legislative Frameworks and Regulatory Capacity for Health & Safety (China & USA)

- A report on the different legislative frameworks of Partner countries is being finalised.



Milestones Reached (cont):

Hazard Identification and Risk Management Capacity Building (Japan with Australia assisting)

- The Stage 1 report listing the methods, tools and aids to assist member countries build hazard management capacity approaches has been finalised, and a program to help Partner countries apply these resources is being developed.

Safety Leadership Capacity Building (India)

- Case studies from most Partner countries illustrating how to build effective safety leadership in an organisation have been finalised.

UCMSRC (Canada)

- Laboratory received samples from a mine in Alberta for coal explosibility testing. Testing 50% completed. Collated historical information on training, qualifications and competency, and scanned into digital format; delayed finding suitable student assistance, new efforts in hand.



Next Steps:

Finalise Outcome 2 (taken from the respective Implementation Plan) for each of the 5 sub-projects, with details as follows:

Leading Safety Technologies (Australia and China)

- Finalise and circulate a Best Practice Report providing details of APP Partner sites that are using or implementing best practice technologies.

Coal Mining Workforce Safety Skills, Training and Education (USA)

- Compare the requirements for certification and recertification of mine safety curriculum instructors across APP member countries and recommend leading practices.

Legislative Frameworks and Regulatory Capacity for Health & Safety (China & USA)

- Arrange a conference for APP Partner country chief mine inspectors.

Hazard Identification and Risk Management Capacity Building (Japan)

- Develop an implementation program to help partners apply hazard identification methods /risk management systems and techniques to their coal mining industries.

Safety Leadership Capacity Building (India)

- Analyse the findings of the safety leadership case studies to determine commonalities and lessons learnt.

UCMSRC (Canada)

- Complete laboratory analysis for coal explosibility testing; review report, prepare a draft project report by December, 2009. engage student assistance on training, qualifications and competency by end October 2009, prepare a draft curriculum for new entrant mining by January 2010.

General -

- Action items from October 2008 APP Coal Mining Health and Safety Steering Committee meeting.
- Organise next APP Coal Mining Health and Safety Steering Committee meeting, proposed for March 2010 in Australia.
- Implement action plans and deliver outputs.

Proposed Project End Date: June 2011

Project Already Complete: Yes No



Other Information:

Coal Mine Safety Demonstration project (Australia and China)

Another of Australia's key contribution to the APP Coal Mine Health and Safety project will be via the Coal Mine Safety Demonstration project which is being pursued by Australia and China. This Project will showcase world best practice in terms of training and education in risk management, gas monitoring and emergency response systems, and will adopt leading practices and technologies to minimise mine deaths.

Progress on the outcomes of the project are detailed below:

OUTCOME 1: CONDUCTING FIELD RESEARCH - A team of Australian and Chinese experts conducted a study of the Coal Mine in March 2009, in order to develop a detailed understanding of the Coal Mine including: coal mine particulars, such as geology, hydrology, seam gas and geotechnical aspects; management arrangements; environmental management practices at the mine; and historical safety statistics.

OUTCOME 2: CONDUCTING RISK ASSESSMENT – In September 2009, Australian and Chinese experts commenced the risk assessment of the Coal Mine, focussing on the key hazards identified during the field research above.

OUTCOME 3: ESTABLISH XUANDONG COALMINE SAFETY MANAGEMENT SYSTEM
- Using data from the field research and risk assessment, a safety management system for the Coal Mine will be developed, based on the OHSAS18001 management system standard.

OUTCOME 4: FULLY IMPLEMENT RISK MANAGEMENT - A risk management system for the Coal Mine will be implemented, based on the safety management system.

OUTCOME 5: TRAINING - Through a series of proposed training modules, the Project will improve the overall safety awareness and techniques of employees of the Coal Mine. Initial training modules are expected to be delivered at the mine in November 2009.

OUTCOME 6: IMPLEMENTING TECHNICAL COOPERATION - The Project will draw upon advanced coalmine technologies, as appropriate, to address key identified hazards as agreed with the Chinese mine operator.

OUTCOME 7: DISSEMINATION OF PROJECT OUTCOMES - Outcomes of the project, including into best practice on methane management, will be shared with the Australia-China MOU project team through a series of reports, as well as with APP Coal Mine Health and Safety members more broadly.

OUTCOME 8: SECONDMENT - A secondment of five engineers from Coal Mine and one translator to visit Australian mines occurred in April/May 2009. Three further study tours to Australian mines and research and training organisations are planned for late 2009.

Please attach any supplemental project information to this form.