

Summary Report from ICCL Session A

October 4, 2011

- Agenda (page 2)
- Presentation summaries (pages 3-7)
- Questions addressed (pages 7-9)

	Session A: Integrating Contaminated Site Remediation and Reuse Strategies, Salon 5-6
9:40 a.m. – 9:50 a.m.	Introductions and Overview of Presentations Moderator: Carlos Pachon, US EPA OSRTI
9:50 a.m. – 10:10 a.m.	A1: Towards Sustainable and Risk-Informed Land Management in Europe Dietmar Müller, Environment Agency, Austria
10:10 a.m. – 10:30 a.m.	A2: Brownfield Redevelopment: Joint Effort by Industry and Authorities Working Together Anja Sinke, NICOLE, & Co Molenaar, Ministry of Housing, Spatial Planning & Environment, The Netherlands
10:30 a.m. – 10:50 a.m.	A3: Survey of the Future Quebec Soil Protection & Contaminated Sites Rehabilitation Policy & How it Plans to Integrate Site Cleanup & Reuse Strategy Michel Beaulieu, Quebec Sustainable Development, Environment and Parks Ministry
10:50 a.m. – 10:55 a.m.	Questions and Answers
10:55 a.m. – 11:05 a.m.	Break
11:05 a.m. – 11:15 a.m.	Introductions and Overview of Presentations Moderator: Carlos Pachon, US EPA OSRTI
11:15 a.m. – 11:35 a.m.	A4: Do Australian Clean Up Projects Currently Accord with the Concept of Sustainable Remediation? Peter Nadebaum, Australia
11:35 a.m. – 11:55 a.m.	A5: The Flemish Approach Towards Green and Sustainable Remediation Marijke Cardon, OVAM Public Waste Agency of Flanders, Belgium
11:55 a.m. – 12:15 p.m.	A6: Remediate (risk), Reclaim (land), Redevelop (sites), Reuse (space), Revitalize (communities) Paul Nathanail, CABERNET, Europe & University of Nottingham, United Kingdom

Presentation Summaries (Slide 1/4)

- Dietmar Müller
 - Acceptable uncertainties in managing risk
 - Parallels between risk management and sustainability
 - Indicators of sustainability in site remediation
 - Improving state of the practice in site cleanup as well as participatory process
- Anja Sike & Co Molenaar (NICOLE/Netherlands)
 - Background on NICOLE's relationship with the Common Forum
 - Challenges ensuring maintenance of institutional controls at cleanups in urban environments
 - Case study in heat pumps used as part of a site reuse and remedy enhancement (green remediation & sustainable development)
 - NL follows EU zero Land Take policy

Presentation Summaries (2/4)

- Michel Beaulieu (Quebec, Canada)
 - Size matters, Quebec is 1.5M km²
 - Quebec's new soil policy has 4 components and 3 goals; Protect HH&E, in a sustainable way, informing players
 - The 4 part strategy seeks to:
 - assess liability
 - promote sustainable development
 - foster sustainable remediation technologies
 - foster reuse of soils
 - Contaminated soil cannot be a hazardous waste

Presentation Summaries (Slide 3/4)

- Peter Nadebaum (Australia)
 - Australian regulations are flexible allowing site specific remedy end-points
 - Land use considerations are allowed
 - Balance is sought in environmental, social, and economic considerations
- Marijke Cardon
 - Presented a Flemish multi criteria analysis tool used to assess remedy options
 - Tool does not address sustainability
 - MCA tool being updated to include environmental, technical and financial considerations

Presentation Summaries (4/4)

- Paul Nathaniel (CLAIRE - UK)
 - Opened with the concept of “Start with the end in mind”
 - Discussed models of economic development and how they help us define the kind of city we want to have
 - Provided his “Seven Habits of Effective Regeneration”
 - Suggested we replace the term “sustainable cleanup” with SMART
 - Successful
 - Measured
 - Appropriate
 - Respectful
 - Temporal

Question 1: Current state of practice in your country or organization

- Building awareness on concepts of sustainability and site remediation and reuse
- “Land take” must be reduced to 0 by 2050 (prevent greenfields development)
- Moving to new and more stringent sustainability policy for remediation
- Flexibility in remedy decisions
- Developed tool for quantitative sustainability in remedy decisions
- Robust definition of objectives

Question 2: Challenges for the future in your country or organization

- Improving and considering the concept of sustainability in site cleanups
- Achievement of 0 greenfield development while using green cleanups
- Avoiding grayfields resulting from a 0 greenfield policy
- Additive “triple bottom line” metrics in evaluating remedy sustainability
- Adapting a quantitative approach to a rapidly evolving process
- Achieving a shared vision of definitions – for example, who defines “practicable”?

Question 3: Opportunities to address challenges in the future

- Improve the participatory process
- Expand technical options to reduce cleanup footprints
- Learn from fellow peers how to establish a quantitative approach to sustainability
- Adopt full suite of regulatory, policy, incentive tools, etc to foster sustainable cleanups
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