

Participating organisations:

Dresden University of Technology
Institute of Waste Management and Contaminated Sites Treatment

Chemical and Environmental Research Institute; Barcelona

Laboratory of Environmental Chemistry and Toxicology,
Mario Negri; Milan

Universitat Politecnica de Catalunya ; Barcelona

University of Leiden
Institute of Environmental Sciences

Swedish Environmental Research Institute ; Gothenburg

Universitat Rovira i Virgili; Reus
Laboratory of Toxicology and Environmental Health

University Cattolica del Sacro Cuore; Piacenza
Institut of Agricultural and Environmental Chemistry

Technical University of Denmark; Kgs. Lyngby
Department of Management Engineering
Department of Environmental Engineering

Bureau de recherché géologiques ; Orléans
l'Unité Gestion des Déchets Service Environnement et Procédés

Universidade Federal do Rio de Janeiro
Fundacao Coordenacao de Projetos Pesquisas e Estudos Tecnologicos

Shenyang University of Aeronautical Engineering
Institute of Clean Energy & Environmental Engineering
Institute of Aeronautical Engineering

The Energy and Ressources Institute; New Dehli
Energy and Environment Technologies Division

Hanoi University of Science
Department of Chemistry

Hamburg University of Applied Sciences

NORDEConsult Sweden AB; Lund

CEFIC - European Chemical Industry Council

OECD Environment Directorate

SCHER - Scientific Committee on Health and Environmental Risks of the
European Commission

University of Wollongong
School of Earth and Environmental Sciences

Chinese Academy of Social Science

German Federal Agency for Environment

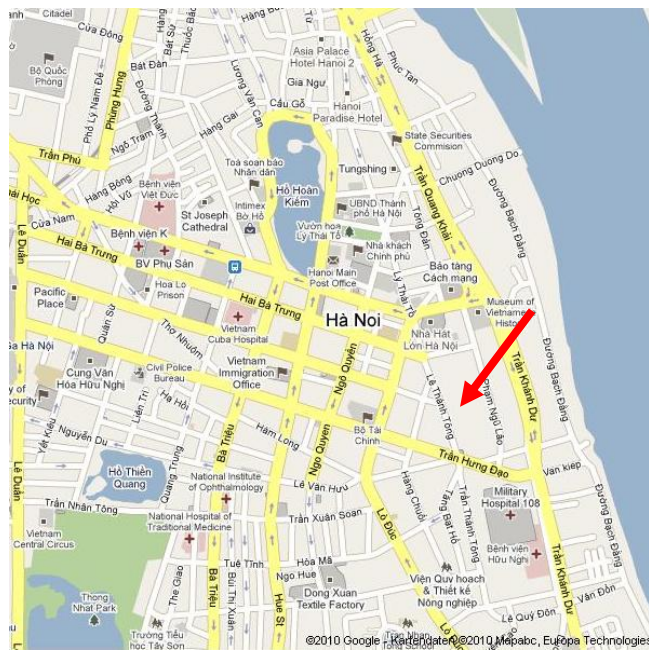
BZL GmbH

Technische Universität Darmstadt

UNEP - SAICM secretariat

Meeting place:

Hanoi University of Science
19 Le Thanh Tong, Hanoi
Hanoi; Vietnam



Fees:

Participation fee: free

Registration:

Please register via e-mail

Veit Grundmann: veit.grundmann@tu-dresden.de

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Further information: www.wadef.com/projects/riskcycle



1st „RISKCYCLE“
workshop

Risk-based management of
chemicals and products in a circular
economy at a global scale

with poster session

4th – 5th May 2010 in Hanoi/Vietnam

Organisers:



Prof. Nguyen Thi Diem Trang
Hanoi University of Science
Department of Chemistry



Prof. Dr.-Ing.habil. Dr. h.c. Bernd Bilitewski
Dresden University of Technology
Institute of Waste Management and
Contaminated Sites Treatment

Tuesday 4th May 2010

1. Session - Moderator: Prof. Nguyen Thi Diem Trang (HUS)

- 9.00 am Welcome speech**
Prof. Nguyen Thi Diem Trang
Hanoi University of Science
- 9.10 am Introduction: aims and objectives of the project**
Prof. Dr.-Ing.habil. Dr. h .c. Bernd Bilitewski
Dresden University of Technology
- 9.25 am Welcome speech of HUS**
Ass. Prof. Bui Duy Cam (HUS Rector)
Prof. Nguyen Hoang Luong (HUS Vice Rector)
Hanoi University of Science
- 9.40 am Speech of Vietnamese Minister/Vice-Minister**
N.N.
- 10.30 am Coffee break**

2. Session - Moderator: Mohammed Belhaj (IVL)

- 11.00 am Problems in waste management on the way of sustainable development**
N.N.
- 11.20 am The European new Chemicals Legislation REACH and its interrelation to the waste sector/to the project**
Prof. Dr. habil. Uwe Lahl
Former Director General in the Federal Environment Ministry of Germany
- 11.40 am Results on study of hazardous compounds in market products of Vietnam**
N.N.
- 12.00 am OECD activities on Chemical Safety and Animal Welfare**
Laurence Musset
OECD Environment Directorate
- 12.30 am Lunch break**

3. Session - Moderator : Prof. Dr. Damià Barceló (CSIC)

- 1.30 pm Import - Export statistic on waste in Vietnam**
N.N.
- 1.50 pm Paper and Leather: Design and management of a data-base of chemical additives: application to the paper and leather sectors**
Prof. Dr. Damià Barceló, Dr. Antoni Ginebreda
Chemical and Environmental Research Institute;
Barcelona

2.10 pm The Technology of paper recycling in Vietnam
Prof. Nguyen Thi Diem Trang
Hanoi University of Science

2.30 pm Nonylphenol: An example of global pollutant used as additive in the paper, textile and leather sectors
Prof. Dr. Damià Barceló, Dr. Antoni Ginebreda
Chemical and Environmental Research Institute;
Barcelona

2.50 pm Case study on printed materials
Henrik Fred Larsen
Technical University of Denmark, Copenhagen

3.10 pm Coffee break

4. Session - Moderator: Ass. Prof. Dr. Ester v. d. Voet (CML)

3.30 pm Plastics: Design and management of a database of chemical additives: application to the plastics sectors
Ass. Prof. Dr. Ester van der Voet
University of Leiden

3.50 pm Outlook on how to translate this into the three-layered LCA framework (case of PVC and phthalates)
Ass. Prof. Dr. Ester van der Voet
University of Leiden

4.10 pm Problems due to plastic recycling processes
Veit Grundmann
Dresden University of Technology

4.30 pm Final daily discussion
Prof. Nguyen Thi Diem Trang
Prof. Dr.-Ing.habil. Dr. h .c. Bernd Bilitewski
Prof. Dr. Damià Barceló

7.00 pm Dinner
End of 1st workshop day

Wednesday 5th May 2010

5. Session - Moderator: Rosa Mari Darbra (UPC)

9.00 am Lubricants: Design and management of a database of chemical additives: application to the lubricants sectors
Dr. Emilio Benfenati
Istituto di Ricerche Farmacologiche Mario Negri; Milan

9.20 am Textiles: Environmental risk associated to textile materials: preliminary considerations
Rosa-Maria Darbra
Universitat Politècnica de Catalunya; Barcelona

9.40 am Reuse potential of chemical sludge - a hazardous waste, in textile drying process
Col. Rakesh Johri
The Energy and Resources Institute; New Delhi

10.00 am E-waste Management in Vietnam
N.N.

10.20 m Electronics: Design and management of a data-base of chemical additives: application to the electronics sector
Mohammed Belhaj
Swedish Environmental Research Institute;
Gothenburg

10.40 am Coffee break

6. Session - Moderator: Dr. Emilio Benfenati (IRFMN)

11.00 am E-waste management in India focusing on recycling
Col. Rakesh Johri
The Energy and Resources Institute; New Delhi

11.20 am Substance flow analyses of hazardous substances in electronic material
Prof. Dr. Susanne Heise
Hamburg University of Applied Sciences

11.40 am Representation and propagation of incomplete/ imprecise information in risk assessments related to chemicals and products
Dr. Dominique Guyonnet
Bureau de recherches géologiques et minières;
Orléans

12.00 am Screening alternative methods for toxicity and effect evaluation, and their possible use within risk assessment
Dr. Emilio Benfenati
Istituto di Ricerche Farmacologiche Mario Negri;
Milan

12.20 am Final discussion: What are the gaps for research?
Prof. Nguyen Thi Diem Trang
Prof. Dr.-Ing.habil. Dr. h .c. Bernd Bilitewski
Prof. Dr. Damià Barceló

1.00 pm Lunch break
End of 2nd workshop day