Day 1, 7 October 2015

08:15 — 08:45  Registration of participants presenting posters
                Poster exhibition set-up

08:45 — 09:15  Registration of participants

Chairmen: Anu Kapanen, ECHA and José Tarazona, EFSA

09:30 — 09:45  Introduction

09:45 — 10:00  Welcome
                Jukka Malm, Deputy Executive Director, ECHA

10:00 — 11:15  Soil Risk Assessment in the regulatory context
                Marta Sobanska, ECHA
                Maria Arena, EFSA
                David W. Charters, US EPA
                Janet Cermak, Environment Canada

11:15 — 11:45  Coffee break, exhibition area

11:45 — 12:15  Protection goals and conceptual models
                How science can support risk managers on what to protect?
                Jose Tarazona, EFSA

12:15 — 12:45  Overview of processes driving the exposure of chemicals in soil
                Willie Peijnenburg, RIVM

12:45 — 13:15  Laboratory and higher-tier effect tests in soil ecotoxicology:
                state-of-the-art and new developments
                Jörg Römbke, ECT GmbH

13:15 — 14:15  Lunch, canteen
**Day 1 (cont.), 7 October 2015**

14:15 — 14:30  Introduction to the break-out groups  
Charmaine Ajao, ECHA

14:30 — 18:00  Break-out groups (16:00 — 16:30 Coffee break)

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1. **Problem definition and conceptual model for soil risk assessment**

   **Chairs**: Marc S. Greenberg (US EPA), Kees Romijn (Bayer CropScience), Janet Cermak (Environment Canada)

   **Focus**
   - Protection goals and ecological relevance
   - Risk characterisation and environmental impact assessment
   - Scientific consistency and differences within regulatory processes

   **Case studies**
   1) Making soil protection goals based on the ecosystem services concept operational in ecotoxicological risk assessments, Gregor Ernst, Bayer CropScience AG
   2) Bioavailability based approaches for soil risk assessment of metals: Regional differences arising from distributions of soil chemical properties, Christian Schlekat, Nickel Producers Environmental Research Association

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2. **Environmental exposure and fate assessment**

   **Chairs**: Willie Peijnenburg (RIVM), Mark Egsmose (EFSA)

   **Focus**
   - Environmental fate and release patterns related to soil exposure and available tools
   - Behaviour processes within soil and its contribution to the bioavailability for soil organisms exposure: distribution, quantification of exposure, formation of degradation products/metabolites, aging, leaching, bioavailability and bound residues, specificities for various groups of chemicals

   **Case studies**
   1) Practical examples on how the EFSA Guidance Document for predicting environmental concentrations of substances in soil can be used, Mark Egsmose, EFSA and Michael Klein, Fraunhofer IME
   2) From bioavailability science to regulation of organic chemicals, Jose Julio Ortega-Calvo, Institute of Natural resources and Agrobiology

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3. **Effect assessment**

   **Chairs**: Veronique Poulsen (ANSES), Paulo Sousa (Uni Coimbra)

   **Focus**
   - Effect assessment for soil functions, assessment of relevance and available tools
   - Effects assessment for soil organisms (including plants) exposed by soil, relevant taxonomic groups acute versus chronic testing and experimental tools
   - Effects assessment for soil organisms (including plants) through multiple exposure routes by soil
   - Effect assessment in higher tier studies (i.e. acceptability criteria)

   **Case studies**
   1) Application of Equilibrium partitioning-based model framework for evaluating soil (and sediment) hazards of lipophilic nonpolar organic substances, Aaron Redman, ExxonMobil Biomedical Sciences, Inc.
   2) Assessing the risks of pesticides to soil communities using terrestrial model ecosystems, Björn Scholz-Starke, RWTH Aachen University
Day 1 (cont.), 7 October 2015

18:00 — 18:30  Wrap-up
18:30 — 19:45  Cocktail reception, lobby Marie Curie

Day 2, 8 October 2015

Chairmen: Anu Kapanen, ECHA and José Tarazona, EFSA

08:15 — 08:50  Registration of participants
08:50 — 09:00  Introduction
09:00 — 09:20  Case study 1: Critical comparison of the schemes used to assess Soil exposure under Pesticide, Biocide and REACH legislation
               Bruce Callow, Exponent International Ltd
09:20 — 09:40  Case study 2: Application of improved scientific approaches in support of risk assessment within the European REACH and Biocides Regulations – a case study on metals
               Koen Oorts, ARCHE
09:40 — 10:00  Case study 3: Performing soil risk assessments using aquatic hazard information only: how well can it capture all the risks?
               Michiel Claessens, Chemours
10:00 — 10:20  Case study 4: Compilation of case studies with challenges in regulatory soil risk assessment
               Romanas Cesnaitis, ECHA
10:20 — 10:40  Case study 5: Risk assessment for in soil organisms: future approaches and perspective
               Maria Arena, EFSA
10:40 — 11:15  Coffee break, K-level
11:15 — 13:00  Break-out group discussions continue
13:00 — 14:00  Lunch, canteen
14:00 — 16:00  Presentations from the break-out groups and discussion
                Chairmen/rapporteurs of the break-out groups
                1. Problem definition and conceptual model for soil risk assessment
                2. Environmental exposure and fate assessment
                3. Effect assessment
16:00 — 17:00  Discussion/Panel with chairmen of the break-out groups
17:00 — 17:30  Summary and conclusions
17:30 — 18:00  Poster exhibition dismantling