

# LECO ECOinformatics Initiative

## Ecoterm IV Environmental Terminology Workshop

Diplomatic Academy of Vienna  
Favoritenstrasse 15a  
A-1040 Vienna, Austria

17-18 April 2007

### Preliminary Programme

*Theme: The role of environmental terminologies in semantic data integration.*

**DAY 1: 17 April 2007**

**0745 Registration, Coffee and Networking**

### **INTRODUCTION**

**0830**

- **Welcome**
  - **Welcome on behalf of Umweltbundesamt** (*Elisabeth Friedbacher*, Head of Department for Environmental Management, Transport & Noise, Umweltbundesamt, Austria)
  - **Welcome on behalf of the Ministry** (*Waltraud Petek*, Vice-Director General, Deputy Head of the Department of General Environmental Policy, Ministry for the Environment, BMLFUW, Austria)
  - **Opening Remarks including Ecoterm Vision** (*Gail Hodge*, IIA/US Geological Survey/National Biological Information Infrastructure)
  - **Introduction to the Program** (*Gerhard Budin*, Univ. of Vienna)
  - **Logistics** (*Rudolf Legat*, Umweltbundesamt, Austria)
  - **Participant Introductions with Brief Statements of Interest**

**0945 Keynote: Semantic Integration of Environmental Data** (*Herbert Schentz, Umweltbundesamt, Austria*)

*1015 Break*

## **WHAT ARE THE USE CASES?**

**1045 Multilingual Issues in Ontology Creation: Examples from NeOn and Concept Server Projects** (*Margherita Sini, FAO*)

**AGROVOC and the NAL Agricultural Thesaurus at the Ontology Alignment Evaluation Initiative** (*Willem Robert van Hage, TNO Industrie en Techniek / Vrije Universiteit*)

**1130 UNEP e-Learning Initiatives** (*Gerry Cunningham, UNEP*)

**1200 Facilitating Meta-Analysis through the Use of Ontologies** (*Katharina Schleidt, Umweltbundesamt, Austria*)

*1230 Lunch*

**1330 Semantics in Web Service Composition for Risk Management** (*Michael Lutz, DG Joint Research Centre*)

**1400 Public Access and Spatial Metadata Values: Semantic Network Services Response to EU Directives** (*Thomas Bandholtz, innoQ Deutschland GmbH*)

**1430 Discussion (Moderator: Gerhard Budin)**

*1530 Break*

**1745 Adjourn for First Day**

*1930 Reception at Diplomatic Academy*

## **DAY 2: 18 April 2007**

**0830 Coffee and Networking**

## **REFERENCE IMPLEMENTATIONS**

**0900 Semantics and the EPA System of Registries** (*Gail Hodge, IIA/ Consultant to the US Environmental Protection Agency*)

**0930 Extended Metadata Registries and Semantics** (*Bruce Bargmeyer and Karlo Berket, Lawrence Berkeley Laboratory*)

**1000 Using RSS to Share KOS Metadata** (*Margherita Sini, FAO*)

*1030 Break*

## **TOOLS AND TECHNIQUES FOR SHARING SEMANTICS**

**1100 NBII/EIONET/FAO Demo of Federated KOS Search** (*Mike Frame, USGS/NBII; Stefan Jensen, EEA*)

**1130 Follow Up on Concurrent Thesaurus Maintenance Software Development** (*Hermann Stallbaumer, TBHS*)

*1200 Lunch*

**1300 Semantic Wikis** (*Harold Solbrig, Apelon Inc.*)

**1330 Risk Assessment Ontologies and Data Modeling Tools** (*Jef Vanbockryck, Cronos, Brussels*)

*1400 Break*

**1430 Discussion** (Moderator: Gerhard Budin)

**1530 Summary and Next Steps** (*Gail Hodge, US Geological Survey/NBII*)

**1600 Adjourn**