



CADASTER Workshop on the use of QSAR models in REACH

First Cadaster (www.cadaster.eu) workshop will be organized in Maribor, Slovenia, as a part of CMPTI conference (<http://cmtpi-2011.si>) and will take place from September 1st to 2nd 2011. Workshop aims to assist the risk assessors and national chemicals authorities, particular in Eastern European countries, with the use of the QSAR tools for the environmental risks assessments in REACH.

The REACH regulation advocates the use of non-animal testing methods for risk assessment of chemicals, but guidance is needed on how these methods should be used. The procedures include alternative methods such as chemical and biological read-across, *in vitro* results, *in vivo* information on analogues, (Q)SARs and exposure based waiving. The concept of Intelligent Testing Strategies (ITS) for regulatory endpoints has been outlined to facilitate the assessment.

CADASTER aims at providing the practical guidance to integrated environmental risk assessment procedures by carrying out a full environmental hazard and risk assessment for chemicals belonging to four selected compound classes. The QSAR models and data produced during the project will be made publicly available and accessible to all interested partners and stakeholders. They will be available as an on-line and standalone tools and will be compatible for integration within the OECD QSAR Toolbox. It will be freely distributed to SMEs and other industrial partners. The support and development of new models will be continued by the company eADMET GmbH (<http://www.eadmet.com>).

The feed-back of workshop participants will be very important for the customisation of the tools for the use by the regulatory agencies.

Registration:

Please send a registration form to marjan.vracko@ki.si or register via <http://cmtpi-2011.si> until August 2011. There is no conference fee.



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Draft Programme

Thursday, 1st September

Hotel Habakuk, Maribor

- 13:30-14:00 **General philosophy of Cadaster**
Dr. Willie Peijnenburg, RIVM, The Netherlands
- 14:10-14:40 **How OpenTox satisfies REACH requirements**
Dr. Barry Hardy, Douglas Connect
- 14:50-15:20 **Legislative overview on the use of alternative methods in REACH**
Dr. Evelin Fabjan, ECHA, Finland
- 15:20-15:50 *Coffee Break*
- 15:50-16:20 **Technical information on alternative methods**
Dr. Andrew Worth, JRC, Italy
- 16:30-17:00 **Cadaster achievements**
Dr. Willie Peijnenburg, RIVM, The Netherlands
Dr. Mojca Kos Durjava, PHI, Slovenia



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Friday, 2nd September

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- 09:00-9:30 **Information about state of the art on QSARs**
Dr. Alex Tropsha, University of North Carolina, USA
- 9:40-10:40 **Cadaster achievements**
Dr. Paola Gramatica, University of Insubria, Italy
Dr. Tomas Oberg, Linnaeus University, Sweden
Dr. Igor Tetko, HMGU, Germany
- 10:50-11:20 *Coffee Break*
- 11:20-13:00 **Training lessons for on-line tools that can be used to estimate REACH end-points for chemical compounds and thus decrease the number of animal tests:**
Demonstration of the tools developed in Cadaster (Dr. Igor Tetko, HMGU, Germany)
- 13:00-14:30 *Lunch Break*
- 14:30-16:00 **Training lessons for on-line tools that can be used to estimate REACH end-points for chemical compounds and thus decrease the number of animal tests:**
Demonstration of the models available in the OECD QSAR toolbox (Dr. Emil Rorije, RIVM, The Netherlands)
- 16:00-17:00 **Panel discussion on the use of QSAR in REACH**
Dr. Willie Peijnenburg

