TRISK, is the acronym or short name for the project “European Advanced Risk Assessors Accredited Training Programme for highly qualified toxicology experts”.

TRISK is co-financed by the European Commission Second Programme of Community Action in the field of Health (2008-2013) under the priority action to improve citizens' safety for a period of 36 months starting February 2009 and ending January 2012.
TRISK was officially launched during the kick off meeting hosted by the Executive Agency for Health and Consumers (EAHC) in Luxembourg on February 9-10, 2009.

The kick off meeting was attended by representatives from all participating institutions and senior and finance officers from EAHC.
Project Objective

- Develop a training program in risk assessment based on common European criteria, easily adoptable by institutions across Europe, and focusing on risk assessment methodology and procedure.
Fills an important need in the training of toxicologists in the area of risk assessment

Establishes a clear and recognized definition of training criteria and a recognition mechanism to qualify risk assessors to improve the existing training schemes

Provides opportunity for practical, on the job training on the risk assessment approach
Understand the profile and training requirements of risk assessors

Design a modular training programme covering a range of disciplines in risk assessment

Provide a model to establish guidelines for the training and recognition of risk assessors in accordance to a well-defined and proper training standard.
**Trisk**
European Toxicology Risk Assessment Training

## Project Partners

<table>
<thead>
<tr>
<th>Institution</th>
<th>Work Package Activity</th>
</tr>
</thead>
</table>
| University of Milan (UMIL) Italy                  | 1. Project Coordinator  
                                           2. Dissemination of the results  
                                           3. Training program operative design |
| University of Surrey (UNISU) UK                   | Modular Training program                                                               |
| IRAS/Utrecht University (IRAS-UU) The Netherlands  | Applied Training Program                                                              |
| University of Düsseldorf (UNIDS) Germany          | Project Evaluation                                                                     |
| Karolinska Institute (KI) Sweden                  | 1. Trainees recruitment, selection and monitoring  
                                           2. Requirements for accreditation or recognition of European Risk Assessors |
The program is designed for graduate students with toxicology training interested in developing skills in the field of human risk assessment, as well as training toxicologists in Industry, National health agencies, EU Scientific Advisory bodies, Consultancy companies, and Academia who perform or are responsible for the review and management of chemical assessments, or are involved in policy making and therefore need to better understand the process involved in the risk assessment process.
<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>Classroom</td>
<td>Eight one-week modules of health risk assessment topics, lectures, and practical lessons.</td>
<td>Each module will last one week</td>
</tr>
<tr>
<td>Training</td>
<td>Applied training period at an institution (or in-house) performing risk assessment such as regulatory agencies, research institutes or industry.</td>
<td>Minimum of 450 hrs</td>
</tr>
<tr>
<td>Case Study</td>
<td>Preparation and discussion of case study on risk assessment topic.</td>
<td>varies</td>
</tr>
<tr>
<td>Modules</td>
<td>Institution</td>
<td>Timing</td>
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<td>--------------------------------------------------</td>
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<tr>
<td>MODULE 1. Introduction to risk assessment management, with special attention to chemical risk assessment</td>
<td>KI</td>
<td>February 2010</td>
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<tr>
<td>MODULE 2. Role of ADME in risk assessment</td>
<td>UNISU</td>
<td>March 2010</td>
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<tr>
<td>MODULE 3. Identification and assessment of genotoxic vs non-genotoxic carcinogens</td>
<td>UMIL</td>
<td>June 2010</td>
</tr>
<tr>
<td>MODULE 4. Exposure analysis in risk assessment</td>
<td>IRAS</td>
<td>July 2010</td>
</tr>
</tbody>
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## Training Modules

<table>
<thead>
<tr>
<th>Modules</th>
<th>Institution</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODULE 5. Identification and assessment of organ toxicity, including neurotoxicity, immunotoxicity</td>
<td>UNIDS</td>
<td>September 2010</td>
</tr>
<tr>
<td>MODULE 6. Epidemiology and statistics in toxicological risk assessment</td>
<td>IRAS</td>
<td>November 2010</td>
</tr>
<tr>
<td>MODULE 7. Identification and assessment of reproductive toxicity and endocrine disruption</td>
<td>KI</td>
<td>January 2011</td>
</tr>
<tr>
<td>MODULE 8. Supplementary Module in a specific area of risk assessment (i.e. cosmetics, plant protection products and biocides, industrial chemicals, consumer products, etc) (*)</td>
<td>External Institution</td>
<td>January 2010 - November 2011</td>
</tr>
</tbody>
</table>
Module Waiving

With the exception of *Module 1 - Introduction to Risk Assessment and Management* participants demonstrating a good knowledge of arguments discussed in these modules may waive up to a maximum of two modules.
Selection Criteria

1a) Master’s degree (or similar university degree) in toxicology, or alternatively

1b) Master’s degree (or similar university degree) in other life sciences such as medicine, veterinary medicine, biology, biochemistry, chemistry, environmental science, public health, bioengineering, food chemistry with at least two years of work experience in toxicological research or hazard assessment

Good command of English
Recruitment

- Limited to 25 participants, must be citizens or residents of European member states
- Good English language skills mandatory
- Participants accepted to the program will be eligible to receive a fellowship in the amount of EUR 4,000 if they successfully complete the program.
- Selection process will be performed by internal selection committee
Participants who successfully complete the programme will be presented with a certificate or diploma.

Based on EUROTOX- DG SANCO Risk Assessment Training Guidelines, TRISK is evaluating the possibility to set up a mechanism within the project for the recognition of European Risk Assessors.
Ensure the sustainability of the EU risk assessment advice structure, while indirectly meeting the needs of industry and the private sector who also require trained risk assessors in order to satisfy the new regulatory requirements and development of new market products.
Any potential public or private entity involved in any aspect of the risk assessment process or management and hence with a direct interest in the project results and output.

They may be European Agencies, Health and Environmental Agencies in all European Member States, Scientific, non-profit/commercial trade associations and commercial industry companies (manufacturers of consumer goods, cosmetics, user and producers of chemical products, pesticides, drugs, pharmaceuticals, etc).
Some Stakeholders supporting TRISK

- **DG SANCO** - DG for Health and Consumer Affairs
- **EFSA** - European Food Safety Authority
- **ECHA** - European Chemical Agency
- **EMEA** – European Medicines Agency
- **ECVAM** – European Centre for the Validation of Alternative Methods
- **EEA** – European Environmental Agency
- **Health and Environmental Agencies in European Member States**
- **TNO** - Netherlands Organisation for Applied Scientific Research
Collaborating partners is any private or public entity, scientific council, professional association or organization, academic institutions that may not be directly perform risk assessment, but their special interest, for instance related scientific field, educational sector, professional mission, etc. can be backed efficiently with the activities of TRISK through a bilateral support.

Collaborating partners can help us disseminate the project results at the local level.
EUROTOX
National Toxicology Societies across Europe
ILSI Europe – International Life Sciences Institute
CEFIC – European Chemical Industry Council
ECETOC – European Centre of Ecotoxicology and Toxicology of Chemicals
EUFIC – European Food Information Council
ECPA – European Crop Protection Association
RISK ASSETs – Risk Assessment and Management European Training Programme
Results will be disseminated to key stakeholders by involving the numerous Collaborating partners across Europe.

Dissemination Channels include: dedicated project website, promotional events, presentation of project poster, and organization of round table discussion during key scientific events (i.e. EUROTOX, IUTOX) and technical meetings (i.e. ECETOC), Media/Press release in a number of newsletters, direct electronic emails, printed material.
Collaborating partners can perform one or several of the actions described below:

- Post press releases and relevant project information on your organization’s website.
- Distribute project news and updates to your members, industry and scientific partners.
- Include the TRISK website (www.trisk-project.eu) link in your website
- Post a project banner in your society’s web site
Collaborating Partners
Dissemination Activities

- Include information about the project in your organization’s newsletter and academic journal.
- Help us identify key stakeholders in your geographic area that would benefit from this project.
- Consider hosting a course participant during their training period.
- Be involved in the recruitment process of students seeking to participate in the training program.
- Keep us informed about local risk assessment initiatives and training needs.
- Provide financial assistance to a course participant.
WEBSITE LAUNCHED: June 2009

OFFICIAL PROJECT LAUNCH: informative session chaired by Project Coordinator Corrado Galli and Dr. Takis Daskaleros, DG SANCO C7 Risk Assessment unit organized during 2009 EUROTOX Congress in Dresden.

Recruitment of 25 participants completed December 2009

PROGRAM KICK OFF: TRISK Module 1 organized by Karolinska Institute (Sweden) held February 1-5.

Module 2 organized by University of Surrey (UK) will take place in March 8-12.

Round table discussion and stakeholder meeting will be organized during the 2010 IUTOX ICT congress scheduled in Barcelona July 20.
To learn more about TRISK or to become a Collaborating partner, please contact:

Prof. Corrado L. Galli
Project Coordinator University of Milan

Email: trisk@unimi.it