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# Projects in Review

28-Jan-09

**Proposal #**

**Div Code**

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**Steps:**

1. Receipt at the Secretariat [including consultation with Div. Officers]
2. Internal evaluation and identification of outside reviewers [DC evaluation]
3. Distribution to the outside reviewers and gathering of the reviews
4. Communication of the reviews to the Division(s) or Standing Committee(s) for final decision or recommendation to the Project Committee
5. Consideration and action by the Project Committee [or submitted to SG and Treasurer]

>0 Proposal to be resubmitted

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2009-001-1 IUPAC-UNESCO-UNIDO Safety Training Program Workshop, Glasgow, Scotland

022 Mark Cesa **Date submitted:** 06-Jan-09  
**Budget Requested in USD** 21000 **Review Step** **date**  
1 16-Jan-09

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2008-038-1 Chemical Industries & IUPAC 2

022 Akira Ishitani **Date submitted:** 22-Oct-08  
**Budget Requested in USD** 16500 **Review Step** **date**  
5 08-Jan-09

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2009-003-1 IUPAC Support to SAICM Implementation

022,020 Colin Humphris **Date submitted:** 28-Jan-09  
**Budget Requested in USD** 20000 **Review Step** **date**  
3 28-Jan-09

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2008-042-1 Development of a Guide to IUPAC's Education Policy

050 Tony Ashmore **Date submitted:** 13-Nov-08  
**Budget Requested in USD** 7880 **Review Step** **date**  
2 >0 26-Jan-09

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2008-043-1 Visualizing and understanding the science of climate change

050 Peter Mahaffy **Date submitted:** 12-Dec-08  
**Budget Requested in USD** 8400 **Review Step** **date**  
5 20-Jan-09

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2008-045-1 Recommended values of the Viscosity and Density of Molten Copper and Tin

1 Marc Assael **Date submitted:** 22-Dec-08  
**Budget Requested in USD** 9900 **Review Step** **date**  
3 20-Jan-09

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2008-006-3	Thermodynamic study on hydrogen storage materials: metal organic frameworks and metal or complex hydrides			
1-2,3,6	Li-Xian Sun		<b>Date submitted:</b> 25-Jan-08	
	<b>Budget Requested in USD</b> 20000		<b>Review Step</b> v3> 5	<b>date</b> 08-Jan-09
2007-030-2	Evaluation of radiogenic abundance variations in selected elements			
2	Norman E. Holden		<b>Date submitted:</b> 01-Nov-07	
	<b>Budget Requested in USD</b> 8500		<b>Review Step</b> 4 >v2 ?	<b>date</b> 07-Jan-08
2009-002-1	Update of IUPAC Glossary of Physical Organic Chemistry			
3	Ch Perrin		<b>Date submitted:</b> 08-Jan-09	
	<b>Budget Requested in USD</b> 4800		<b>Review Step</b> 2	<b>date</b> 21-Jan-09
2008-017-2	Green Chemistry – creation and implementation of international cooperation in teaching and investigations			
3	Valery V. Lunin		<b>Date submitted:</b> 07-Nov-08	
	<b>Budget Requested in USD</b> 7000		<b>Review Step</b> 2>0	<b>date</b> 08-Jan-09
2008-018-2	Translation in Greek and Dissemination of a monograph for Secondary Schools on “Global Climate Change”			
3	Panayotis A. Siskos		<b>Date submitted:</b> 20-Dec-08	
	<b>Budget Requested in USD</b> 7500		<b>Review Step</b> 3	<b>date</b> 08-Jan-09
2008-037-1	Standard photochemical processes			
3, 1	Axel Griesbeck		<b>Date submitted:</b> 19-Oct-08	
	<b>Budget Requested in USD</b> 15000		<b>Review Step</b> 2 >0	<b>date</b> 05-Jan-09

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- >0 Proposal to be resubmitted

2008-031-1	Methods of measurement and evaluation of natural antioxidant capacity/activity		
5	Resat Apak	<b>Date submitted:</b> 19-Aug-08	
	<b>Budget Requested in USD</b> 5500	<b>Review Step</b> 4	<b>date</b> 05-Nov-08
2008-011-2	Development of a Pesticide Ecological Risk Assessment and Training Module: Continuation (extension to 2004-011-1-600)		
6	Ronald Parker	<b>Date submitted:</b> 18-Dec-08	
	<b>Budget Requested in USD</b> 6000	<b>Review Step</b> 3	<b>date</b> 30-Dec-08
2008-041-1	Global Availability of Information on Agrochemicals		
6	John Unsworth	<b>Date submitted:</b> 12-Nov-08	
	<b>Budget Requested in USD</b> 6000	<b>Review Step</b> 4	<b>date</b> 05-Dec-08
2008-039-1	Waste: Problems and Solutions for our Planet or 'what to do with the things we throw away'		
6, 4?	Tevor Letcher	<b>Date submitted:</b> 09-Nov-08	
	<b>Budget Requested in USD</b> 7500	<b>Review Step</b> 4	<b>date</b> 26-Jan-09
2008-003-3	Regional Drinking Water Quality Assessment in the Near East (Palestinian Authority, Jordan, and Israel) – An Overview and Perspective		
6,021	Yehuda Shevah	<b>Date submitted:</b> 13-Aug-08	
	<b>Budget Requested in USD</b> 15000	<b>Review Step</b> v3 >5	<b>date</b> 08-Jan-09
2008-033-1	InChI and InChIKey: further promotion and advice to publishers, database providers and software developers on integration of IUPAC identifiers into all stages of chemoinformatics data processing		
8	Alan McNaught	<b>Date submitted:</b> 22-Sep-08	
	<b>Budget Requested in USD</b> 10000	<b>Review Step</b> 5	<b>date</b> 15-Dec-08

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- >0 Proposal to be resubmitted

2008-035-1	IUPAC International Chemical Identifier (InChI) Symposium and IUPAC InChI subcommittee meeting		
8	Stephen R. Heller		<b>Date submitted:</b> 22-Sep-08
	<b>Budget Requested in USD</b> 13000		<b>Review Step</b> <b>date</b>
			5 15-Dec-08
2008-034-1	IUPAC International Chemical Identifier (InChI): Further Development		
8	Alan McNaught		<b>Date submitted:</b> 22-Sep-08
	<b>Budget Requested in USD</b> 30000		<b>Review Step</b> <b>date</b>
			5 15-Dec-08
<b>TOTAL SUM Requested in USD</b>		239480	

Objectives of the newly submitted proposals still under review.

The most recent at the top

<i>for administrative use only</i>	<i>Submitted 28 Jan 2009 ; # 2009-003-1</i>
<b>Date</b>	January 2009
<b>Project Title</b>	IUPAC Support to SAICM Implementation
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Mr. Colin Humphris 16 Crophorne Drive Clymping, West Sussex, United Kingdom +[44] 1903 733 848 <a href="mailto:cjhumphris@btinternet.com">cjhumphris@btinternet.com</a>
<b>Name</b> of the person submitting this form <i>if not the proposed Task Group Chairman</i>	(including address and e-mail)
<b>Objective</b>	<p>In a preliminary project (#2008-012-1-022) a small team, drawn from COCI (Cesa/Humphris), CHEMRAWN (Sydnes) and Chemistry &amp; Health (Duffus) meet with the SAICM (the Strategic Approach to International Chemicals Management) Secretariat in Geneva in June 2008 for exploratory discussions to identify how IUPAC might best add value to the SAICM process global policy process from the perspectives of UNEP and WHO. Given the support for the recommendations, the team is preparing formal project proposals for stepwise IUPAC engagement. These are based on the ongoing discussions with SAICM and SETAC and consideration of IUPAC capabilities; what and how IUPAC might realistically deliver over the period up to and including the third SAICM implementation meeting (ICCM3) in 2012.</p> <p>This proposal covers the preparative meetings in February 2009 and attendance to the second SAICM implementation meeting (ICCM2) in May 2009 in Geneva.</p> <p><i>More background; see</i> <a href="http://www.iupac.org/web/ins/2008-012-1-022">http://www.iupac.org/web/ins/2008-012-1-022</a> and CI</p>

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<i>for administrative use only</i>	<i>Submitted 16 Jan 2009 ; # 2009-002-1-</i>
<b>Date</b>	
<b>Project Title</b>	Update of IUPAC Glossary of Physical Organic Chemistry
Series Title ( <i>if applicable</i> )	NA
<b>Task Group Chairman</b>	(including address and e-mail)  Prof. Charles L. Perrin Department of Chemistry & Biochemistry 9500 Gilman Drive Dept. 0358 La Jolla, CA 92093-0358 USA cperrin@ucsd.edu
<b>Objective</b>	(<50 words) To update the Glossary of Terms Used in Physical Organic Chemistry, which was published in <i>Pure &amp; Appl. Chem.</i> <b>1994</b> , <i>66</i> , 1077 and as a World Wide Web version in 1997 ( <a href="http://www.chem.qmul.ac.uk/iupac/gtpoc/">http://www.chem.qmul.ac.uk/iupac/gtpoc/</a> )

<i>for administrative use only</i>	<i>Submitted 8 Jan 2009 ; # 2009-001-1</i>
<b>Date</b>	29 December 2008
<b>Project Title</b>	IUPAC-UNESCO-UNIDO Safety Training Program Workshop, Glasgow, Scotland
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Mark C. Cesa Coordinator, IUPAC-UNESCO-UNIDO Safety Training Program Chair, COCI INEOS USA LLC 150 W. Warrenville Rd., MS F-7 Naperville, IL 60563 USA Phone: [+1] 630-420-5651 Fax: [+1] 630-420-5690 E-mail: mark.cesa@ineos.com
<b>Objective</b>	This Workshop on the Safety Training Program will be

	used for communication to the public and to IUPAC leadership on recent activities by Fellows of the program in their home countries; to evaluate the effectiveness of the Safety Training Program in terms of fellows' home country activities; to learn from invited speakers who are experts in health, safety, and environmental matters; and to solicit ideas for improvements in the program and for possible expansion to incorporate new Host Companies and new regional trainees.
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<i>for administrative use only</i>	<i>Submitted 22 Dec 2008 ; # 2008-045-1</i>
<b>Date</b>	
<b>Project Title</b>	<b>Recommended values of the Viscosity and Density of Molten Copper and Tin</b>
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Professor W.A. Wakeham, Vice-Chancellor University of Southampton, Highfield Southampton SO17 1BJ, U.K. EMail : vice-chancellor@soton.ac.uk
<b>Name</b> of the person submitting this form <i>if not the proposed Task Group Chairman</i>	Professor Marc J. Assael Chemical Engineering Department Aristotle University, 54124 Thessaloniki, Greece EMail: assael@auth.gr
<b>Objective</b>	The widely different data that have been reported for the viscosity and density of molten copper and tin will be critically reviewed via an interlaboratory comparison and recommended values will be proposed.

<i>for administrative use only</i>	<i>Submitted 7 Dec 2008 ; # 2008-043-1</i>
<b>Date</b>	November 30, 2008
<b>Project Title</b>	Visualizing and understanding the science of climate change
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Prof. Peter Mahaffy Chair, CCE Professor of Chemistry The King's University College 9125 50 <sup>th</sup> St Edmonton, AB Canada T6B 2H3
<b>Objective</b>	The chemistry profession and chemistry educators play a crucial role in creating understanding about global climate change and working toward solutions. The objective of this project is to develop a set of interactive, web-based

	materials for global dissemination to help students visualize and understand the underlying science of climate change. Target audiences are (a) teachers at the secondary and first year tertiary levels, (b) students at those same levels, and (c) chemistry professionals. Visualizations will emphasize the fundamental chemistry of climate processes, but will also present research climate models, and place anthropogenic inputs to our atmosphere in a geo-political context.
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<i>for administrative use only</i>	<i>Submitted 13 Nov 2008 ; # 2008-042-1-</i>
<b>Date</b>	November 2008
<b>Project Title</b>	<b>Development of a Guide to IUPAC's Education Policy</b>
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	<b>Dr Anthony Ashmore</b> Consultant 8 Verley Close Woughton on the Green Milton Keynes MK6 3ER UK a.d.ashmore@waitrose.com Expert in policy formulation in national chemical society and regional grouping of chemical societies. Former national representative on CCE
<b>Objective</b>	The project will develop a statement of IUPAC education policy at all levels from primary school to continuing professional development for practitioners. The outcome will enable IUPAC to communicate an agreed vision for chemistry education and to develop and pursue a programme to achieve policy aims. . It will provide IUPAC as a whole, and CCE in particular, with a basis for <ul style="list-style-type: none"> <li>• considering new project proposals and for determining which existing projects should be sustained;</li> <li>• identifying gaps in activity and soliciting proposals for suitable projects.</li> </ul>

<i>for administrative use only</i>	<i>Submitted 12 Nov 2008 ; # 2008-041-1</i>
<b>Date</b>	11 <sup>th</sup> November 2008

<b>Project Title</b>	Global Availability of Information on Agrochemicals
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Dr J.B. Unsworth 25 Vellacotts, Chelmsford, Essex CM1 7EA, UK <a href="mailto:unsworjo@aol.com">unsworjo@aol.com</a>
<b>Objective</b>	This is a continuation of project 2001-022-1-600 for which a web site has been put in place (see attached promotional flyer). The aim of this continuation is to ensure that the current web site continues to provide a reliable source of information on agrochemicals.

<i>for administrative use only</i>	<i>Submitted 9 November 2008 ; # 2008-039-1</i>
<b>Date</b>	10 November 2008
<b>Project Title</b>	<b>WASTE: Problems and Solutions for our Planet or 'what to do with the things we throw away'</b>
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Professor Trevor Letcher, Laurel House, FosseWay, Stratton on the Fosse, BA3 4QN, United Kingdom. Tel 10761-232311, <a href="mailto:trevor@letcher.eclipse.co.uk">trevor@letcher.eclipse.co.uk</a>
<b>Objective</b>	(<50 words) The objective of the book is to highlight the problems related to all types of WASTE and to focus on recycling solutions. Each chapter will be written by an expert scientist or engineer working in the relevant field. It will consider most areas of waste, ranging from household to industrial to military and even to space waste. It should become a standard reference for students, government officials, parliamentarians, captains of industry, editors, journalists and to all interested people, for years to come.

<i>for administrative use only</i>	<i>Submitted 22 Oct 2008 ; # 2008-038-1</i>
<b>Date</b>	Oct. 31 <sup>st</sup> , 2008
<b>Project Title</b>	Chemical Industries & IUPAC 2 Workshop, Kawasaki, Japan
Series Title ( <i>if applicable</i> )	Chemical Industries & IUPAC

<b>Task Group Chairman</b>	Akira Ishitani Titular member, COCI Kanagawa Academy of Science and Technology, KSP West 614, 3-2-1, Sakado, Takatsu, Kawasaki, Kanagawa, 213-0012 Japan Tel: +81 44 819 2020 Fax: +81 44 819 2038 E-mail: <a href="mailto:ishitani@newkast.or.jp">ishitani@newkast.or.jp</a>
<b>Objective</b>	This workshop is the second one after the one held in Marl, Germany on April 24 <sup>th</sup> and 25 <sup>th</sup> , 2008 successfully. Aims are to improve communications among chemical industries, chemical societies/NAOs and IUPAC through COCI, and increase CAs in the East Asian areas. Thirty representatives of chemical industries/CAs and chemical societies/NAOs from China, Korea and Japan will be invited to participate, with the future prospect of expanding the activities to Southeast Asian countries.

for administrative use only Submitted \_\_\_\_\_ ; # 2008-037-1

**Date** October 20, 2008

**Project Title** Standard Photochemical Processes

Series Title (if applicable)

**Task Group Chairman** Axel G. Griesbeck, Prof. Dr., University of Cologne, Germany, Department of Chemistry,  
[griesbeck@uni-koeln.de](mailto:griesbeck@uni-koeln.de)

**Objective** To establish a series of well-defined and completely characterized photochemical reactions that serve as model processes for scaling and adopting light-induced transformations. The specification of process parameters, lamp properties, reactor geometries, reaction details as well as quantum yields and spectral properties of substrate **and products from a series of model transformations.**

<i>for administrative use only</i>	<i>Submitted _22 Sep 2008 ; # 2008-035-1_</i>
<b>Date</b>	22 September 2008
<b>Project Title</b>	IUPAC International Chemical Identifier (InChI) Symposium and IUPAC InChI subcommittee meeting
Series Title (if applicable)	

<b>Task Group Chairman</b>	Dr. Stephen R. Heller National Institute of Standards and Technology NIST/PCPD, Mail Stop 8380 100 Bureau Drive Gaithersburg, MD 20899-8380 USA E-MAIL: <a href="mailto:steve@hellers.com">steve@hellers.com</a>
<b>Objective</b>	To present a symposium on InChI applications at the ACS Spring meeting in March 2009

<i>for administrative use only</i>	<i>Submitted 22 Sep 2008_ ; # 2008-034-1_</i>
<b>Date</b>	22 September 2008
<b>Project Title</b>	IUPAC International Chemical Identifier (InChI): Further Development
<b>Task Group Chairman</b>	Dr Alan McNaught 8 Cavendish Avenue CAMBRIDGE CB1 7US UK E-MAIL: <a href="mailto:mчнаught@ntlworld.com">mчнаught@ntlworld.com</a>
<b>Objectives</b>	By continued partial funding of Dr Igor Pletnev at Moscow State University: <ul style="list-style-type: none"> <li>• To carry out the requirements of the IUPAC InChI subcommittee for continued development of InChI and InChIKey (see attached minutes of the September 2008 meeting)</li> <li>• To be responsible for InChI/InChIKey maintenance by responding to user questions and requests for clarification, and investigating and correcting any inadequacies in the publicly available InChI/InChIKey tools</li> <li>• To extend InChI to cover simple polymers, in accord with requirements specified in project 2004-039-1-800</li> <li>• To extend the range of stereochemical situations handled by InChI</li> <li>• To investigate ways of extending InChI to handle organometallic compounds and implement as far as possible</li> <li>• To explore the possibility of extending InChI coverage to include Markush structures, 3-D structures, excited states, unattached groups, undefined substituents, and interlocking structures</li> </ul>

<i>for administrative use only</i>	<i>Submitted 22 Sep 2008_ ; # 2008-033-1_</i>
<b>Date</b>	22 September 2008
<b>Project Title</b>	InChI and InChIKey: further promotion and advice to publishers, database providers and software developers on integration of IUPAC identifiers into all stages of chemoinformatics data processing
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Dr Alan McNaught 8 Cavendish Avenue CAMBRIDGE CB1 7US UK E-MAIL: <a href="mailto:mcnaught@ntlworld.com">mcnaught@ntlworld.com</a>
<b>Objective</b>	This is a proposal to continue the programme of meetings established over the past two years with a wide range of users and potential users of the IUPAC International Chemical Identifier (InChI) and its fixed-length equivalent, InChIKey, in order to explain their function and potential uses and to ensure that these identifiers are used to maximum advantage by database managers, publishers and software developers; to ensure as far as possible that identifiers held both by organizations and individuals are exposed to web search capabilities, enabling coherent access to all types of chemical data across the web's distributed database of chemical information.

<i>for administrative use only</i>	<i>Submitted 19 August 2008 ; # 2008-031-1</i>
<b>Date</b>	Aug. 2008
<b>Project Title</b>	Methods of measurement and evaluation of natural antioxidant capacity/activity.
Series Title ( <i>if applicable</i> )	NA
<b>Task Group Chairman</b>	<b>Resat Apak</b> , PhD, Professor of Chemistry Head of the Analytical Chemistry Division, Faculty of Enggn., IU, Avcilar, Istanbul Istanbul University, Istanbul, Turkey Ph: 90-212-5282539 & 90-212-4737028 Fax: 90-212-5268433 E-mail: <a href="mailto:rapak@istanbul.edu.tr">rapak@istanbul.edu.tr</a>
<b>Name of the person submitting</b>	Professor <b>Jan Labuda</b>

this form <i>if not the proposed Task Group Chairman</i>	
<b>Objective</b>	(<50 words) To bring in terms of definitions or definition-like characterization and classification the chemical and biochemical methods of antioxidant assays as well as related antioxidants chemistry and to provide analytical, food chemical, biomedical/clinical and environmental communities with critical evaluation on this topic.

<i>for administrative use only</i>	<i>Submitted 21 Apr 2008 ; # 2008-018-1</i>
<b>Date</b>	February 2008
<b>Project Title</b>	Translation in Greek and Dissemination of a monograph for Secondary Schools on “Global Climate Change”.
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Prof. Panayotis A. Siskos Environmental Chemistry Laboratory Department of Chemistry National and Kapodistrian University of Athens Panepistimioupoli, 15771 Zografou, Athens, Greece e-mail: <a href="mailto:siskos@chem.uoa.gr">siskos@chem.uoa.gr</a>  Maria D. Kapassa, Chemist Msc, PhD Candidate, Harokopio University of Athens, 70 El. Venizelou Str, Athens 17671 Greece e-mail: makachem@gmail.com
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To translate a monograph on “Global Climate Change”, from English into Greek</li> <li>• To provide a total of 2000 copies of this monograph, translated into Greek, to the relevant secondary school authorities, professional science teaching bodies and secondary teachers in Greece.</li> <li>• To demonstrate the central role of chemistry in the treatment of issues of global importance and particularly the positive contribution of green chemistry to global environmental problems.</li> </ul>

<i>for administrative use only</i>	<i>Submitted 21 Apr 2008 ; # 2008-017-1</i>
<b>Date</b>	16.04.2008
<b>Project Title</b>	Green Chemistry – creation and implementation of international cooperation in teaching and

	investigations
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	(including address and e-mail) <b>Prof. Valery V. Lunin</b> , Dean, Chemistry Department M.V.Lomonosov Moscow State University Leninskiye Gory 1, build. 3 119991 Moscow Russia Phone +7-495-9394575 Fax +7-495-9394575 e-mail <a href="mailto:vvlunin@kge.msu.ru">vvlunin@kge.msu.ru</a>
<b>Name of the person submitting this form <i>if not the proposed Task Group Chairman</i></b>	(including address and e-mail) <b>Dr. Ekaterina S. Lokteva</b> Chemistry Department M.V.Lomonosov Moscow State University Leninskiye Gory 1, build. 3 119991 Moscow Russia Phone +7-495-9393337 Fax +7-495-9394575 e-mail <a href="mailto:les@kge.msu.ru">les@kge.msu.ru</a>
<b>Objective</b>	(<50 words) The main objective is to provide the platform for chemists working in different areas of chemistry and all over the world to find collaborators for fruitful development of interdisciplinary <b>green chemistry</b> projects, both in science and in education. Special attention will be paid to the development of collaboration among the chemists from developed and developing countries.

<i>for administrative use only</i>	<i>Submitted 11 March 2008 ; # 2008-011-1</i>
<b>Date</b>	<b>March 11, 2008</b>
<b>Project Title</b>	<b>Development of Tools and Training in Pesticide Risk Assessment</b> <b>Continuation 2004-011-1-600</b>
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Dr. Ronald Parker Senior Environmental Engineer Environmental Fate and Effects Division Office of Pesticide Programs US Environmental Protection Agency 1200 Pennsylvania Avenue Washington DC 20460 USA Phone: [1] 703 305 5505

	Fax: [1] 703 305 6019 E-mail: <a href="mailto:parker.ronald@epa.gov">parker.ronald@epa.gov</a>
<b>Objectives</b>	1. To finalize development of risk assessment tools and training materials that can be used by developing countries to perform pesticide ecological risk assessments and pesticide worker exposure/risk assessments. 2. To finalize placing the <i>Pesticide Risk Assessment and Training Module</i> on the FAO/IAEA INFOCRIS e-learning website where it can be used by developing countries both for performance of pesticide risk assessments and for on-site, step-by-step training in risk assessment methods.

<i>for administrative use only</i>	<i>Submitted 25 January 2008 ; # 2008-006-1-</i>
<b>Date</b>	25 January 2008
<b>Project Title</b>	Thermodynamic Study on Hydrogen Storage Materials: Metal Organic Frameworks and Metal or Complex Hydrides
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	Li-Xian SUN Materials & Thermochemistry Laboratory Dalian Institute of Chemical Physics Chinese Academy of Sciences 457 Zhongshan Road Dalian 116023 China E-mail: <a href="mailto:lxsun@dicp.ac.cn">lxsun@dicp.ac.cn</a>
<b>Name of the person submitting this form <i>if not the proposed Task Group Chairman</i></b>	(including address and e-mail) John H. Dymond 44 Dunmore Street Balfon, G63 0TX United Kingdom E-mail: <a href="mailto:dunmorecot@tiscali.co.uk">dunmorecot@tiscali.co.uk</a>
<b>Objective</b>	To investigate the thermodynamics of hydrogen production and storage, as a basis for the development of materials with improved hydrogen storage capability. This will be a systematic study of hydrogen adsorption/absorption by divided/confined materials (frameworks, for example Metal Organic Frameworks, MOFs), and the study of hydrogen production by (thermal) decomposition of Metal Hydrides (MHs), and Inorganic Hydrides (Complex Hydrides). The project will consist of 3 major components: a. Measurement of the energies of adsorption/absorption or decomposition, and the volumes of hydrogen adsorbed / absorbed or produced.

	<p>b. Establishing a comprehensive bibliography.</p> <p>c. Creating an open domain XML-based Web archive so that the results will be freely available.</p>
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<i>for administrative use only</i>	<i>Submitted 9 January 2008 ; # 2008-003-1</i>
<b>Date</b>	Jan-1, 2008
<b>Project Title</b>	Regional Drinking Water Quality Assessment in the Near East (Palestinian Authority, Jordan, and Israel) – An Overview and Perspective
Series Title ( <i>if applicable</i> )	
<b>Task Group Chairman</b>	<i>Yehuda Shevah</i> 6B Gazit St. Tel-Aviv, Israel ysheva@gmail.com
<b>Name of the person submitting this form <i>if not the proposed Task Group Chairman</i></b>	(including address and e-mail)
<b>Objective</b>	<p>The objectives of this project are:</p> <ul style="list-style-type: none"> <li>• To assess the quality of the drinking water supplied to the population in the working area (Palestinian Authority, Jordan, Israel)</li> <li>• To identify major anthropogenic pollutant sources</li> <li>• To standardize drinking water and wastewater sampling and testing methods and comparative risk analysis</li> <li>• To recommend feasible strategies for remediation and treatment, both in general and for selected cases, in particular.</li> </ul>

<i>for administrative use only</i>	<i>Submitted 8 August 2007 ; # 2007-030-1</i>
<b>Date</b>	August 5, 2007
<b>Project Title</b>	Evaluation of Radiogenic Abundance Variations in Selected Elements
<b>Task Group Chairman</b>	Dr. Norman E. <b>Holden</b> Brookhaven National Laboratory Building 197D National Nuclear Data Center Upton, NY 11973, USA Tel: +1 631 344 4268 Fax: +1 631 344 2806 (secretary: +1 631 344 2902) Email: <a href="mailto:holden@bnl.gov">holden@bnl.gov</a>
<b>Name of the person submitting this form <i>if not the proposed</i></b>	Dr. Tyler B. Coplen U.S. Geological Survey 431 National Center

<i>Task Group Chairman</i>	12201 Sunrise Valley Drive Reston, VA 20192, USA Tel: +1 703 648-5862 Fax: +1 703 648 5274 Email: tbcoplen@usgs.gov
<b>Objective</b>	The purpose of this project is to evaluate isotopic abundance variations in selected elements, including Re, Os, Rb, Sr, K, Nd, Sm, Hf, Lu, and Ar in a range of materials, based on peer-reviewed measurements, to create graphical plots of these data, and to provide CIAAW with information to update the Table of Standard Atomic Weights.