
Projects in Review

26-Feb-09

Proposal #

Div Code

- 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
-

2009-003-1	IUPAC Support to SAICM Implementation				
020,022	Colin Humphris		Date submitted:	28-Jan-09	
	Budget Requested in USD	20000	Review Step	date	
			3; >0	23-Feb-09	
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 >0	20-Feb-09	
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	
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	
			4	12-Feb-09	
2008-006-3	Thermodynamic study on hydrogen storage materials: metal organic frameworks and metal or complex hydrides				
1-2,3,6	Li-Xian Sun		Date submitted:	25-Jan-08	
	Budget Requested in USD	20000	Review Step	date	
			v3> 5	08-Jan-09	
2007-030-2	Evaluation of radiogenic abundance variations in selected elements				
2	Norman E. Holden		Date submitted:	01-Nov-07	
	Budget Requested in USD	8500	Review Step	date	
			4 >v2 ?	07-Jan-08	

- 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

2009-002-1	Update of IUPAC Glossary of Physical Organic Chemistry		
3	Ch Perrin		Date submitted: 08-Jan-09
	Budget Requested in USD	4800	Review Step date
			2 21-Jan-09
2008-018-2	Translation in Greek and Dissemination of a monograph for Secondary Schools on "Global Climate Change"		
3	Panayotis A. Siskos		Date submitted: 20-Dec-08
	Budget Requested in USD	7500	Review Step date
			4 26-Feb-09
2008-017-4	Green Chemistry – creation and implementation of international cooperation in teaching and investigations		
3, 050,021,6?	Valery V. Lunin		Date submitted: 04-Feb-09
	Budget Requested in USD	10000	Review Step date
			3 25-Feb-09
2008-037-1	Standard photochemical processes		
3, 1	Axel Griesbeck		Date submitted: 19-Oct-08
	Budget Requested in USD	15000	Review Step date
			2 >0 05-Jan-09
2008-041-1	Global Availability of Information on Agrochemicals		
6	John Unsworth		Date submitted: 12-Nov-08
	Budget Requested in USD	6000	Review Step date
			4 05-Dec-08
2008-011-2	Development of a Pesticide Ecological Risk Assessment and Training Module: Continuation (extension to 2004-011-1-600)		
6	Ronald Parker		Date submitted: 18-Dec-08
	Budget Requested in USD	6000	Review Step date
			4 26-Feb-09

- 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

2008-039-1	Waste: Problems and Solutions for our Planet or ‘what to do with the things we throw away’			
6, 4?	Tevor Letcher		Date submitted:	09-Nov-08
	Budget Requested in USD	7500	Review Step	date
			4	26-Jan-09

TOTAL SUM Requested in USD 144080

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>
Date	January 2009
Project Title	IUPAC Support to SAICM Implementation
Series Title (<i>if applicable</i>)	
Task Group Chairman	Mr. Colin Humphris 16 Cropthorne Drive Clymping, West Sussex, United Kingdom +[44] 1903 733 848 cjhumphris@btinternet.com
Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	(including address and e-mail)
Objective	<p>In a preliminary project (#2008-012-1-022) a small team, drawn from COCI (Cesa/Humphris), CHEMRAWN (Sydnes) and Chemistry & 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> http://www.iupac.org/web/ins/2008-012-1-022 and CI</p>

	Nov/Dec 2008, p. 16
--	---------------------

<i>for administrative use only</i>	<i>Submitted 16 Jan 2009 ; # 2009-002-1-</i>
Date	
Project Title	Update of IUPAC Glossary of Physical Organic Chemistry
Series Title (<i>if applicable</i>)	NA
Task Group Chairman	(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
Objective	(<50 words) To update the Glossary of Terms Used in Physical Organic Chemistry, which was published in <i>Pure & Appl. Chem.</i> 1994 , <i>66</i> , 1077 and as a World Wide Web version in 1997 (http://www.chem.qmul.ac.uk/iupac/gtpoc/)

<i>for administrative use only</i>	<i>Submitted 8 Jan 2009 ; # 2009-001-1</i>
Date	29 December 2008
Project Title	IUPAC-UNESCO-UNIDO Safety Training Program Workshop, Glasgow, Scotland
Series Title (<i>if applicable</i>)	
Task Group Chairman	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
Objective	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.
--	---

<i>for administrative use only</i>	<i>Submitted 22 Dec 2008 ; # 2008-045-1</i>
Date	
Project Title	Recommended values of the Viscosity and Density of Molten Copper and Tin
Series Title (<i>if applicable</i>)	
Task Group Chairman	Professor W.A. Wakeham, Vice-Chancellor University of Southampton, Highfield Southampton SO17 1BJ, U.K. EMail : vice-chancellor@soton.ac.uk
Name 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
Objective	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 13 Nov 2008 ; # 2008-042-1-</i>
Date	November 2008
Project Title	Development of a Guide to IUPAC's Education Policy
Series Title (<i>if applicable</i>)	

Task Group Chairman	<p>Dr Anthony Ashmore 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</p>
Objective	<p>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</p> <ul style="list-style-type: none"> • considering new project proposals and for determining which existing projects should be sustained; • identifying gaps in activity and soliciting proposals for suitable projects.

<i>for administrative use only</i>	<i>Submitted 12 Nov 2008 ; # 2008-041-1</i>
Date	11 th November 2008
Project Title	Global Availability of Information on Agrochemicals
Series Title (<i>if applicable</i>)	
Task Group Chairman	<p>Dr J.B. Unsworth 25 Vellacotts, Chelmsford, Essex CM1 7EA, UK unsworjo@aol.com</p>
Objective	<p>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.</p>

<i>for administrative use only</i>	<i>Submitted 9 November 2008 ; # 2008-039-1</i>
Date	10 November 2008

Project Title	WASTE: Problems and Solutions for our Planet or ‘what to do with the things we throw away’
Series Title (<i>if applicable</i>)	
Task Group Chairman	Professor Trevor Letcher, Laurel House, FosseWay, Stratton on the Fosse, BA3 4QN, United Kingdom. Tel 10761-232311, trevor@letcher.eclipse.co.uk
Objective	(<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.

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

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 21 Apr 2008 ; # 2008-018-1</i>
Date	February 2008
Project Title	Translation in Greek and Dissemination of a monograph for Secondary Schools on “Global Climate Change”.
Series Title (<i>if applicable</i>)	
Task Group Chairman	Prof. Panayotis A. Siskos Environmental Chemistry Laboratory Department of Chemistry National and Kapodistrian University of Athens Panepistimioupoli, 15771 Zografou, Athens, Greece e-mail: siskos@chem.uoa.gr

	Maria D. Kapassa, Chemist Msc, PhD Candidate, Harokopio University of Athens, 70 El. Venizelou Str, Athens 17671 Greece e-mail: makachem@gmail.com
Objectives	<ul style="list-style-type: none"> • To translate a monograph on “Global Climate Change”, from English into Greek • 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. • 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.

<i>for administrative use only</i>	<i>Submitted 21 Apr 2008 ; # 2008-017-1</i>
Date	16.04.2008
Project Title	Green Chemistry – creation and implementation of international cooperation in teaching and investigations
Series Title (<i>if applicable</i>)	
Task Group Chairman	(including address and e-mail) Prof. Valery V. Lunin, 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 vvlunin@kge.msu.ru
Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	(including address and e-mail) Dr. Ekaterina S. Lokteva 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 les@kge.msu.ru
Objective	(<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 green chemistry 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>
Date	March 11, 2008
Project Title	Development of Tools and Training in Pesticide Risk Assessment Continuation 2004-011-1-600
Series Title (<i>if applicable</i>)	
Task Group Chairman	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: parker.ronald@epa.gov
Objectives	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>
Date	25 January 2008
Project Title	Thermodynamic Study on Hydrogen Storage Materials: Metal Organic Frameworks and Metal or Complex Hydrides
Series Title (<i>if applicable</i>)	
Task Group Chairman	Li-Xian SUN Materials & Thermochemistry Laboratory Dalian Institute of Chemical Physics

	Chinese Academy of Sciences 457 Zhongshan Road Dalian 116023 China E-mail: lxsun@dicp.ac.cn
Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	(including address and e-mail) John H. Dymond 44 Dunmore Street Balfron, G63 0TX United Kingdom E-mail: dunmorecot@tiscali.co.uk
Objective	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. b. Establishing a comprehensive bibliography. c. Creating an open domain XML-based Web archive so that the results will be freely available.

<i>for administrative use only</i>	<i>Submitted 8 August 2007 ; # 2007-030-1</i>
Date	August 5, 2007
Project Title	Evaluation of Radiogenic Abundance Variations in Selected Elements
Task Group Chairman	Dr. Norman E. Holden 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: holden@bnl.gov
Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	Dr. Tyler B. Coplen U.S. Geological Survey 431 National Center 12201 Sunrise Valley Drive Reston, VA 20192, USA Tel: +1 703 648-5862 Fax: +1 703 648 5274 Email: tbcoplen@usgs.gov

Objective	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.
------------------	---