

## Total Commitments and Operations 2010-11

	Commitments (Actual)	% of Total Budget (Guideline: 70 %)	Operations (Actual)	% of Total Budget (Guideline: 30 %)	Total Operations & Commitments (Actual)	Total Operations & Commitments (Budget)	Over/ (Under)	Per Cent Spent
Division I	16,000	23.8%	11,437	17.0%	27,437	67,300	(39,863)	40.8%
Division II	36,800	66.7%	-	0.0%	36,800	55,200	(18,400)	66.7%
Division III	10,000	18.4%	7,596	14.0%	17,596	54,400	(36,804)	32.3%
Division IV	40,300	<b>71.3%</b>	10,926	19.3%	51,226	56,500	(5,274)	90.7%
Division V	15,250	25.2%	12,692	20.9%	27,942	60,600	(32,658)	46.1%
Division VI	11,000	16.2%	9,557	14.1%	20,557	68,000	(47,443)	30.2%
Division VII	5,000	8.0%	24,605	<b>39.5%</b>	29,605	62,300	(32,695)	47.5%
Division VIII	33,700	42.1%	25,847	<b>32.3%</b>	59,547	80,000	(20,453)	74.4%

	Commitments (Actual)	Commitments (Budget)	Over/ (Under)	Operations (Actual)	Operations (Budget)	Over/ (Under)
CCE	14,535	20,000	(5,465)	9,605	20,300	(10,695)
COCI	-	20,000	(20,000)	4,559	22,000	(17,441)
CHEMRAWN	N/A			20,646	31,300	(10,654)
CPEP	N/A			15,510	18,400	(2,890)
ICTNS	N/A			9,386	4,000	5,386

Commitments in the Table above are commitments made by the Divisions or Standing Committees and do not include commitments made from the Project Committee or Strategic Opportunities Fund.

The Treasurer's Guidelines suggest that project commitments for Divisions should be 70 % of the total budget and operations expense 30 %. The actual values for these guidelines are shown in the Table.

CCE and COCI have fixed Project and Operations Budgets.

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division I</b>				
2010-009-1-100	Matthias Thommes	Physisorption of Gases, with special reference to the evaluation of surface area and pore size distribution	5,000	5,000
2008-037-2-300	Axel Griesbeck	Standard photochemical processes	5,000	10,000
2010-033-2-024	bonnie wallace	JCAMPX-CD: Standardization of Data and Meta-data formats for Circular Dichroism and Synchrotron Radiation Circular Dichroism Spectroscopy, and interface with the Protein Circular Dichroism Data Bank	6,000	9,800
<b>Total Commitments (DC I)</b>			<u>16,000</u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division II</b>				
2009-025-1-200	John R. de Laeter	Technical Guidelines for Isotope Abundances and Atomic Weight Measurements	2,500	2,500
2009-027-1-200	Willi A. Brand	Assessment of Stable Isotopic Reference and Inter-Comparison Materials	9,600	9,600
2009-029-1-200	Takafumi Hirata	Evaluated Published Isotope Ratio Data (2010-2011)	13,200	13,200
2009-045-1-200	Hitoshi Ishida	Guidelines for Measurement of Luminescence Spectra and Quantum Yields of Inorganic Compounds, Metal Complexes and Materials	8,000	8,000
2009-046-2-200	Jan Kaiser	Terminology and definition of quantities related to the isotope distribution in elements with more than two stable isotopes	1,500	6,000
2010-003-1-200	Lars Öhrström	Coordination polymers and metal organic frameworks: terminology and nomenclature guidelines (supplement to 2009-012-2-200)	2,000	8,500
<b>Total Commitments (DC II)</b>			<u><u>36,800</u></u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division III</b>				
2009-021-3-300	Zizhang Zhang	Genochemistry - chemistry designed for life sciences: Towards a guideline and a framework of genochemistry	5,000	5,000
2010-001-1-300	P. Vazquez & co	Green Chemistry - Sustainable Education and Environmental Development (SEED) in Latin America (Supplement to 2009-014-2-300)	-	4,000
2010-002-1-300	Stefano Raccanelli	Evaluation of measurement methods and QA/QC for PCDD/F, PCB and PAHs in environmental matrices (air quality, soil, sediments and wastes) used in estimation of global pollution (Supplement to 2009-007-2-300)	-	4,250
2008-037-2-300	Axel Griesbeck	Standard photochemical processes	5,000	10,000
<b>Total Commitments (DC III)</b>			<u>10,000</u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division IV</b>				
2009-019-2-400	Greg Meira	Data Treatment in SEC and Other Techniques of Polymer Characterization. Correction for Band Broadening and Other Sources of Error	5,000	5,000
2009-047-1-400	Karl-Heinz Hellwich	Definitions and Notations Relating to Stereochemical Aspects in Polymer Science	3,000	6,000
2009-050-1-400	Graeme Moad	Critically evaluated rate coefficients associated with initiation of radical polymerization	5,300	5,300
2010-007-1-400	Graeme Moad	Terminology for Chain Polymerization	6,000	6,000
2010-012-1-400	Caludio DosSantos	Development of a Multilingual Encyclopaedia of Polymer Terminology (supplement to 2007-008-1-400)	6,000	6,000
2010-015-1-400	Pavel Kratochvil	Postgraduate Course in Polymer Science	5,000	5,000
2010-019-1-400	Clive Bucknall	Structure, Processing and Performance of Ultra-High Molecular Weight Polyethylene	5,000	5,000
2010-032-3-400	Werner Mormann	Guidelines of Multinational Calls for Research Cooperation and Funding Through National Funding Agencies	2,000	9,000
2010-029-3-400	Masayuki Yamaguchi	Relation between rheological properties and foam processability for polypropylene	3,000	3,000
<b>Total Commitments (DC IV)</b>			<b>40,300</b>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division V</b>				
2010-002-1-300	Stefano Raccanelli	Evaluation of measurement methods and QA/QC for PCDD/F, PCB and PAHs in environmental matrices (air quality, soil, sediments and wastes) used in estimation of global pollution (Supplement to 2009-007-2-300)	4,250	4,250
2010-030-1-500	Zhifang Chai	Radioanalytical Chemistry - revision of the Orange Book CHAPTER 16	2,000	2,000
2010-047-1-500	Marian Goral	Mutual Solubility of Phenols with Water (SDS)	-	-
2010-050-1-500		0 Mutual Solubility of aliphatic and non aliphatic amines with Water (SDS)	-	-
2010-052-1-500	José M. Pingarrón	Electroanalytical Chemistry - Revision of the Orange Book CHAPTER 7	2,000	2,000
2010-005-2-500	Cezary Gumiński	Rare Earth Metal (Sc, Y, Lanthanoids) Bromides and Iodides in Water and Aqueous Systems (SDS series)	2,000	2,000
2009-010-3-500	Paolo de Zorzi	Requirements for proficiency testing on environmental sampling	5,000	6,000
<b>Total Commitments (DC V)</b>			<u>15,250</u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division VI</b>				
2010-020-1-600	Ken Racke	IUPAC International Award for Advances in Harmonized Approaches to Crop Protection Chemistry	-	35,972
2009-010-3-500	Paolo de Zorzi	Requirements for proficiency testing on environmental sampling	1,000	6,000
2010-018-2-600	Wenlin Chen	Quantitative Review of Pesticide Environmental Fate Parameters and Their Relationship with Soil and Climate Conditions	5,000	5,000
2010-056-1-600	John Unsworth	Global Framework for Implementing Consistent Ecological Risk Assessment of Pesticides for Sustainable Agriculture	5,000	5,000
<b>Total Commitments (DC VI)</b>			<u>11,000</u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division VII</b>				
2010-035-3-700	Helle Møller Johannessen	Establishing definitions for non-referenced terms in the NPU terminology	5,000	5,000
			-	-
<b>Total Commitments (DC VII)</b>			<u>5,000</u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Division VIII</b>				
2009-018-2-800	Amélia Pilar Rauter	IUPAC Recommendations on Nomenclature of Flavonoids	8,700	17,400
2009-041-1-800	Nicko Goncharoff	InChI Requirements for Representation of Markush Structures	4,000	8,000
2009-042-1-800	Audrey Yerin	InChI Requirements for Representation of Polymers	4,000	8,000
2009-047-1-400	Karl-Heinz Hellwich	Definitions and Notations Relating to Stereochemical Aspects in Polymer Science	3,000	6,000
2009-043-2-800	Gunter Grethe	Requirements for InChI-based Representation of Chemical Reactions	5,000	10,000
2009-040-2-800	Colin Batchelor	InChI Requirements for Representation of Organometallic and Coordination Compound Structures	4,000	8,000
2010-055-1-800	Richard M. Hartshorn and Karl-Heinz Hellwich	Basic Guidelines to the Nomenclature of Organic and Inorganic Chemistry	5,000	5,000
<b>Total Commitments (DC VIII)</b>			<u><u>33,700</u></u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Standing Committees</b>				
<b>CCE</b>				
2009-037-3-050	M Sozbilir	Developing Toolkits for National Chemistry Weeks During IYC (revised title)	3,300	3,300
2009-055-1-050	Nenad Judas	Toward Higher Quality of Chemistry Teacher In-service Training in Croatia	2,500	5,000
2010-011-1-050	Tony Wright and Javier Garcia Martinez	Global Chemistry Experiment for the International Year of Chemistry – Phase One – Design and Development	4,000	15,000
2010-025-1-050	Temechegn Engida	Enhancing the capacity to provide quality chemistry education at secondary and tertiary levels in Ethiopia	3,000	5,500
2010-031-2-050	Christiane S. Reiners	Chemistry as a Cultural Enterprise	1,735	1,735
<b>Total Commitments (CCE)</b>			<b>14,535</b>	
<b>COCI</b>				
<b>Total Commitments (COCI)</b>			<b>-</b>	
<b>EC</b>				
2009-044-3-020	John Malin	International Year of Chemistry - Management Committee 2010 meetings (Continued project 2008-021-1-020)	-	45,120
<b>CPEP</b>				
2009-038-1-024	Bedřich Košata	Addition of PDF output to the electronic version of the IUPAC Compendium of Chemical Terminology	-	5,000
			-	-

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Project Committee</b>				
2009-018-2-800	Amélia Pilar Rauter	IUPAC Recommendations on Nomenclature of Flavonoids	8,700	17,400
2009-038-1-024	Bedřich Košata	Addition of PDF output to the electronic version of the IUPAC Compendium of Chemical Terminology	5,000	5,000
2010-001-1-300	P. Vazquez & co	Green Chemistry - Sustainable Education and Environmental Development (SEED) in Latin America (Supplement to 2009-014-2-300)	4,000	4,000
2010-003-1-200	Lars Öhrström	Coordination polymers and metal organic frameworks: terminology and nomenclature guidelines (supplement to 2009-012-2-200)	6,500	8,500
2010-011-1-050	Tony Wright and Javier Garcia Martinez	Global Chemistry Experiment for the International Year of Chemistry – Phase One – Design and Development	-	15,000
2009-055-1-050	Nenad Judas	Toward Higher Quality of Chemistry Teacher In-service Training in Croatia	2,500	5,000
2009-046-2-200	Jan Kaiser	Terminology and definition of quantities related to the isotope distribution in elements with more than two stable isotopes	4,500	6,000
2010-025-1-050	Temechegn Engida	Enhancing the capacity to provide quality chemistry education at secondary and tertiary levels in Ethiopia	2,500	5,500

Project Commitments 2010-11

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
2010-033-2-024	bonnie wallace	JCAMPX-CD: Standardization of Data and Meta-data formats for Circular Dichroism and Synchrotron Radiation Circular Dichroism Spectroscopy, and interface with the Protein Circular Dichroism Data Bank	3,800	9,800
2009-043-2-800	Guenter Grethe	Requirements for InChI-based Representation of Chemical Reactions	5,000	10,000
2009-040-2-800	Colin Batchelor	InChI Requirements for Representation of Organometallic and Coordination Compound Structures	4,000	8,000
2010-032-3-400	Werner Mormann	Guidelines of Multinational Calls for Research Cooperation and Funding Through National Funding Agencies	3,000	9,000
<b>Total Commitments (PC)</b>			<u>49,500</u>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Financial Support for Conferences</b>				
2010-037-1-FSC	Temechegn Engida	FSC110221-Ethiopia > Chemistry Education in Ethiopia: Today and Tomorrow	4,450	4,450
2010-038-1-FSC	Rameshwar Adhikari	FSC110320-Nepal > POLYCHAR 19 - Forum on Advanced Materials	6,050	6,050
2010-039-1-FSC	Francois Kajzar	FSC110523-SouthAfrica > CONFERENCE ON FRONTIERS OF POLYMERS AND ADVANCED MATERIALS (11ICFPAM)	6,000	6,000
2010-040-1-FSC	Satinder (Sut) Ahuja	FSC110730- Puerto Rico > SYMPOSIUM ON SUSTAINABILITY OF WATER QUALITY AT IUPAC WORLD CHEMISTRY CONGRESS	4,000	4,000
2010-041-1-FSC	Supawan Tantayanon	FSC110905 - Bangkok > 14th Asian Chemical Congress (14ACC) 2011	6,000	6,000
2010-042-1-FSC	Harald Pasch	FSC110426 - Stellenbosch > 11th Annual UNESCO/IUPAC Workshop and Conference on Functional Polymeric Materials	5,000	5,000
2010-044-1-FSC	Slavica Ražić	FSC110911- Belgrade > Euroanalysis 16	5,500	5,500
<b>Total Commitments (FSC)</b>			<b>37,000</b>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>
<b>Strategic Opportunities Fund</b>				
2009-044-3-020	John Malin	International Year of Chemistry - Management Committee 2010 meetings (Continued project 2008-021-1-020)	45,120	45,120
2010-011-1-050	Tony Wright and Javier Garcia Martinez	Global Chemistry Experiment for the International Year of Chemistry – Phase One – Design and Development	11,000	15,000
2010-032-3-400	Werner Mormann	Guidelines of Multinational Calls for Research Cooperation and Funding Through National Funding Agencies	4,000	9,000
<b>Total Commitments (SOF)</b>			<b>60,120</b>	

**Project Commitments 2010-11**

<b>Project Number</b>	<b>Chairman</b>	<b>Title</b>	<b>Commit.</b>	<b>Total Commitment</b>	<b>External Agency</b>
<b>External Funded</b>					
2009-041-1-800	Nicko Goncharoff	InChI Requirements for Representation of Markush Structures	4,000	8,000	Inchi Trust
2009-042-1-800	Audrey Yerin	InChI Requirements for Representation of Polymers	4,000	8,000	INCHI Trust
2010-020-1-600	Ken Racke	IUPAC International Award for Advances in Harmonized Approaches to Crop Protection Chemistry	35,972	35,972	6kDow+7.5k Dupont+7 Dupont + 10k Sumito+5472 Bayer
<b>Total Commitments</b>			<u>43,972</u>		

<b>Summary</b>	<b>Commit.</b>	<b>Budget*</b>	<b>Over (Under)</b>
Division and STC Projects Totals	182,585	393,000	(210,415)
Strategic Opportunities Fund	60,120	175,521	(115,401)
Project Committee	49,500	110,000	(60,500)
FSC	37,000	60,000	(23,000)
	<u>329,205</u>	<u>738,521</u>	(409,316)
External Funded	43,972		
<b>Total Project Commitments (all sources)</b>	<u>373,177</u>		

\* The Division Project Budget is nominally set at 70 % of the total Division Budget.