

COCI 2019 Annual General Meeting and Project Work Group Meeting
IUPAC General Assembly, Paris, France
July 7th, 2019

Invited participants: all COCI Titular Members, Associate Members, National Representatives, and other Divisional Representatives, STP Workshop presenters, other interested parties.

Participants for all or part of meeting: Carolyn Ribes (Chair), Robert Audette, Anna Makarova, Paul Baekelmans, Daniel Bernard, Kazuhiko Ishikiriya, Bipul Saha, Zaiku Xie, Klaus Griesar, Lene Hviid, Michelle Rodgers, Hemda Garelick, Jan Labuda, Bernard West, Mark Cesa, Laura McConnell, Sergey Zinoviev (OPCW), Barbara Helder (OPCW), Fabian Benzo, Christine Ashaolu, Jonathan Babalola, Austin Ochieng, Gracia Romero, Natiela de Oliveira, Wang Lijuan, Richard Hartshorn (secretary General) and Christopher Brett (Vice President IUPAC)

AGENDA - July 7th , 2019, Room 236M, Palais des Congrès de Paris

	Topic	Time	Discussion Leader
	COCI Project Discussions – everyone welcome!		
	SAICM	8:30 - 9:00	Anna Makarova
	break	9:00 - 9:15	
	Begin Annual Meeting		
1	Introductions and welcome (Appendix A)	9:15 - 9:45	All
2	Review and accept minutes from 2018 AGM and review financial report for COCI (Appendix B)	9:45 - 9:55	Carolyn Ribes
3	Report from Chair, includes COCI agenda for GA (Appendix C)	9:55 - 10:30	Carolyn Ribes
4	Review IUPAC Strategic Goals and COCI goals. (Appendix D & E)	10:30 - 10:40	Carolyn Ribes
	<i>Break</i>	10:40 - 11:00	
5	Report on SAICM, Responsible Care, OPCW visit	11:00 - 11:20	Anna Makarova
6	Report on Safety Training Program	11:20 - 12:05	Robert Audette
7	IUPAC Secretary General and Vice President	12:05 - 12:30	Richard Hartshorn Chris Brett
8	Group Photo	12:30 - 12:35	All
	<i>Lunch break</i>	12:35 - 14:00	
9	Report on Interdivisional Committee on Green Chemistry for Sustainable Development (ICGCSD)	14:00 - 14:30	Bipul Saha
10	IUPAC ThalesNano Prize for Flow Chemistry - 2020 award	14:30 - 14:35	Carolyn Ribes
11	Report on IUPAC 100 and IYPT	14:35 - 14:55	Bipul Saha
12	<i>Break</i>	14:25 - 14:40	
13	Updates from Division Reps	14:40 - 15:10	All
14	IUPAC member information (Appendix F)	15:10 - 15:15	Carolyn Ribes
15	Any other business	15:15 - 15:30	All
16	Wrap-up/Adjourn	15:30	All

COCI 2019 Annual General Minutes

Sunday July 7th, 2019

8:30 - 9:15 SAICM [Anna Makarova] Project Work Group Meeting

Anna Makarova presented the project “Building Broader and Deeper Links Between Strategic Approach to International Chemicals Management (SAICM) and IUPAC. The next steps are planned in frame this project:

Step 1: Analysis of last documents on the implementation of SAICM beyond and after 2020. For this might be organize a visit on the third meeting of the Open-Ended Working Group for the SAICM is scheduled to take place on 2-4 April 2019 in Montevideo, Uruguay (or correspondence study of documents for this meeting).

Step 2. Update information on the IUPAC contribution to the implementation of SAICM and prepare a position and papers to present the capabilities and activities of IUPAC at ICCM5. The discussion these papers and the IUPAC 50th General Assembly (COCI meeting etc.) in Paris in July 2019.

Step 3. A presentation on the activities of IUPAC will be prepared at ICCM5 from 5 to 9 October 2020 in Bonn Germany. This information will be as a basis for discussing joint SAICM activities with UN Environment, CEFIC, ICCA.

The result of project: prepare the IUPAC Recommendation for further activities in the framework of SAICM. The result of the project will be the recommendations of IUPAC regarding possible development activities within the framework of SAICM.

In a subsequent discussion, it was noted that the project’s initial project dates were March 2019 and December 2020. However, project approval was delayed, and the project would be launched later. This is possible, since the project involves three important events, the participation of IUPAC in which is fully consistent with the goals and objectives of our Union. Anna proposes to involve Carolyn Ribes (COCI), Hemda Garelick (Div.VI), Pietro Tundo (ICGCSD) as their co-executors of the project, their alleged role in the project is to be experts.

1. 9:15 - 9:45 Introductions and welcome (Appendix A) [All]

All participants introduced themselves, briefly described their activities within the IUPAC. Carolyn Ribes welcomed everyone and thanked them for coming to the meeting. She introduced the agenda and clarified if there were any questions. After that, everyone went on to discuss the main issues

2. 9:45 - 9:55 Review and accept minutes from 2018 AGM and review financial report for COCI (Appendix B) [Carolyn Ribes]

Carolyn Ribes reviewed recent activities in COCI including COCI minutes from 2018 AGM. The minutes from the 2018 COCI AGM were approved without objection.

Carolyn reviewed the current financial report (Appendix B) and the current healthy budget status (slide attached in Appendix B). COCI received a \$35,000 in total budget. Carolyn emphasized that the bulk of expenditure is for the Safety Training Program (STP) and the STP workshop at the GA/Congress, and for the rolling program of regional workshops. And the committee appreciates the financial support from Sinopec, Solvay, and ThalesNano during the biennium.

3. 9:55 - 10:30 Report from Chair, includes COCI agenda for GA (Appendix C) [Carolyn Ribes]

Carolyn Ribes presented the main events in which COCI participates in GA. This is the Safety Training Program Workshop which will take place on Monday, July 8 from 14:00 - 17:30 in room 351. It should be noted that 20 Years of Safety Training will be celebrated. Workshop includes highlights of STP over the past 20 years, partnership with CRDF, reflections and accomplishments of STP fellows, LA-STP update, recent accomplishments and plans, and a group discussion to improve and expand STP.

Carolyn noted that the International Young Chemists Network IYCN Speed Networking Session to meet and discuss with colleagues and friends will be held in parallel (Monday, July 8) from 4:00 p.m. to 6:00 p.m.

Also, on Monday evening at 19:00 will be the traditional COCI Family Dinner at Le Grand Bistro Saint Ferdinand (275 Boulevard Pereire).

World Chemistry Leadership Meeting (WCLM) Wed July 10, 2019, 10:20–12:10 PM - Grand Auditorium, Palais des Congrès. *Chemical Industry's Contributions to the 17 UN Sustainability Goals, featuring* M. Brudermüller (BASF SE), J. Fitterling (Dow), D Ferrari (CEFIC & Versalis), A. A. Guryev (PhosAgro), I. Kadri (Mrs) (Solvay), T. Le Hénaff (Arkema) and presentation of IUPAC Distinguished Women in Chemistry/Chemical Engineering Awards.

4. 10:30 - 10:40 Review IUPAC Strategic Goals and COCI goals (Appendix D & E) [Carolyn Ribes]

Carolyn Ribes reviewed the IUPAC strategic goals and recent activities in COCI including COCI Goals.

The IUPAC strategic plan was discussed (refer Appendix D). The COCI 2018-2019 goals & objectives were discussed. (refer Appendix E). They are:

- Increase number of Company Associates by 10%
- Communications: 2-4 Communications to Company Associates/NAO/IUPAC Leadership informing them of IUPAC accomplishments of interest to industry
- Recruiting: Communication packages available for IUPAC leaders for engaging industry and industrial chemists
- Safety Training Program continues to grow in Latin America and India with regional programs. At least 2 individual training sessions are held by end of 2020.
- IUPAC contributes to SAICM progress through COCI representation
- COCI contributes to success of the Interdivisional Committee on Green Chemistry for Sustainable Development (ICGCSD)

5. 11:00 - 11:20 Report on SAICM, Responsible Care, OPCW visit [Anna Makarova]

Anna Makarova said that within the framework of the project “Building Broader and Deeper Links Between Strategic Approach to International Chemicals Management (SAICM) and IUPAC” it is planned to participate in at least the following events that will be held within the framework of SAICM:

- Third meeting of the intersessional process considering the Strategic Approach and sound management of chemicals and waste beyond 2020, Bangkok, Thailand, 1-4 October 2019)
- International Conference on Chemicals Management (ICCM5), Bonn, Germany, from 5 to 9 October 2020.

The committee decided to approve and support the implementation of this project.

Anna presented a report on the results of the presentation of COCI activities at a general meeting in the framework of cooperation between IUPAC and the OPCW. This is a slide in the overall presentation of IUPAC. The OPCW is particularly interested in cooperation in the field of education and communications with industry.

IUPAC ADVANCING CHEMISTRY WORLDWIDE

IUPAC Committee on Chemistry and Industry

Organization of scientists and a chemical industry collaboration

- development of a **Safety Training Programs** and **training for the implementation Responsible Care Program** (area of interest are developing countries: CEE, Central Asia, Africa)
- presentation of the IUPAC activities in the implementation of UN SDGs and of SAICM
- development together with ICGCSD of systems of criteria, standards, labeling and certification for assessing the compliance of chemical enterprises with the principles of Green Chemistry.

OPCW representative Sergey Zinoviev made a small explanation in which he said that OPCW is open for project submission with IUPAC. These projects can be submitted and reviewed at any time, as there are no fixed deadlines for their submission. Anna Makarova noted that she has the opportunity to start a training seminar with the OPCW. She organized 4 trainings with the OPCW in the framework of cooperation with the ICCA on the topic "Training Workshop in Russian on Best Practices to Develop the Responsible Care® Program for the Chemical Industry". She organized training through the Russian Federation and for representatives of Eastern Europe and Central Asia.

<https://www.opcw.org/media-centre/news/2020/01/promoting-responsible-care-central-asia-and-eastern-europe-opcw-holds>

However, according to the reviews of the OPCW, a lot of applications from representatives from other regions were submitted to this training in 2019. In this regard, the OPCW invited Anna to think about organizing this training as international or about training for representatives of other regions, for example, Africa.

6. 11:20 - 12:05 Report on Safety Training Program [Robert Audette]

Robert Audette presented an overview of the current status of the Safety Training Program (his ppt report is included). He gave a detailed STP Program Review which included:



2019 STP Report
COCl.pdf

- General items such as the new STP e-mail account (STP@IUPAC.ORG), updated STP Fellowship Application form and STP Requirements for STP Fellowship Trainee Reports
- STP's work on the IUPAC 100 Celebration Project, STP Fellows profiles, article and brochure
- STP website revisions including the planned major revision planned for Aug-Sept
- Electronic organization, tracking and updating of STP files including:
 - ✓ STP Administration tracking lists, STP Historical files from 1993-2019 and STP Brochures
 - ✓ Revising & developing STP world maps (2005-2019) showing STP Fellows trained & Host Companies to be added to STP website
 - ✓ STP files on Fellows, Associate Fellows, STP Programs and Workshops (2000-2019) to be added to the STP Workshops web page
- STP Fellowship program detailed review and rationalizing the STP Fellowship approved applicants awaiting Host Company training [down to 4 (2013-2017) from 17 (2005-2017)]
- STP Regional Projects overview - STP-Latin America and STP-India

Robert then discussed the STP Current Status including its website. He presented an overview of the 2019 STP Workshop Agenda for Monday, July 8 from 14:00 - 17:30. The theme of the 2019 STP Workshop was "Celebrating 20 Years of IUPAC COCl Safety Training" highlighting STP accomplishments over the past 20 years. The agenda included:

- Two Keynote Speakers providing a history from 1993-2017
- Presentation by the Host Company (Bayer AG, Germany) as well as the current STP Fellowship trainee
- Two STP Fellows presentations: Fabian Benzo an overview of the STP-Latin America (STP-LA) program and Christine Ashaolu presenting her current work in Nigeria
- Two STP Associate Fellows presenting their experiences with the STP-LA program
- Robert Audette gave an overview of the current STP Status and the Future.

The STP Future Directions and Future Challenges were discussed. Robert highlighted there were 4 approved STP Fellowship candidates awaiting training, a potential Host Company (being explored by Kazuhiko Ishikiriyama TM) and the planned STP Regional Projects. Future challenges include broadening the program, but the continuing major challenge was the increasing need for the involvement by the Chemical & Pharmaceutical Industry (a perennial problem) and solidifying sustainable, ongoing funding from IUPAC, IUYPAC Project Committee & Industry.

Robert then reinstated Mark Cesa's practice of presenting STP certificates. Using Mark's 1999-2002 template, he designed multiple STP certificates for a variety of purposes. This included certificates for the STP Workshop presenters.

He presented certificates to the two previous STP Coordinators (Mark Cesa and Bernard West) in recognition of all their dedicated work for STP; Fabian Benzo for his work on the STP-Latin America program; Host Company Bayer AG, Germany (received by Laura McConnell) and Austin Aluoch for completing his STP Fellowship training; all 2016 & 2018 STP Associate Fellows recognizing the completion of their STP-LA training (given to Fabian Benzo for distribution). Two of 2018 trainees attended the meeting (Gracia Romero, Natiela de Oliveira) received their 2018 STP Associate Fellows certificates.

During the STP Workshop Robert also reinstated the practice of presenting STP certificates to all the speakers as a show of our appreciation for their work.

7. 12:05 - 12:30 IUPAC Secretary General and Vice President [Richard Hartshorn, Chris Brett]

Richard Hartshorn (IUPAC Secretary General) and Christopher Brett (Vice-President) talked about the continued functioning of IUPAC that the organization of the periodic table year and the celebration of IUPAC's 100 years greatly increased interest in this organization, both from the public and other organizations and businesses, and its interest need to use for the development of our Union. However, there are some restrictions, including financing, so you will have to reduce the number of meetings for the committee and pay more attention to virtual meetings.

Christopher made a few comments concerning COCI. The Committee for Chemistry and Industry is very important because it is IUPAC's privileged link with chemical industry and the private sector. Besides the aims that are common with other committees, namely a common language, free exchange of scientific information and fostering sustainable development, COCI has particular activities such as International Chemicals Management, Safety Training Programs and the Responsible Care program. IUPAC can certainly do more to foster links with a wider variety of industries throughout the world and COCI is making efforts in this regard, as well as engaging in outreach and dissemination activities which are certainly of mutual benefit and are in accordance with IUPAC's strategic plan.

They also discussed the importance of succession planning for the Divisions and Standing Committees (ex. COCI) and encouraged COCI to do this. They indicated that Carolyn's term on COCI will end in 2019 as she has reached the maximum COCI TM&AM terms of office. They thanked Carolyn for all her hard work and many years of dedicated service.

8. 14:00 - 14:30 Report on Interdivisional Committee on Green Chemistry for Sustainable Development (ICGCSD) [Bipul Sahal]

The concept of Green Chemistry was introduced in 1996. It aims at finding synthesis procedures and chemical products that would prevent pollution and environmental hazards. IUPAC adopted the Green Chemistry concept in the late 1990ies through the "Subcommittee on Green Chemistry", and since 2017 as "Committee on Green Chemistry for Sustainable Development". IUPAC as a globally active Union of Chemists has a long tradition, it facilitates international networks and has the mission to foster sustainable development. IUPAC has the goal to "... provide objective scientific expertise and develop the essential tools for the application and communication of chemical knowledge for the benefit of humankind and the world."

However, at present it is unclear whether IUPAC has the capacity to take on the role of an independent, scientific network in green chemistry in order to become the authoritative organization that we would be proud to be. If not, IUPAC's reputation may suffer amongst our NAOs.

Two main areas of participation are evident:

Education:

The experience from the 12 summer schools on green chemistry, held from 1998-2019 with more than 1000 students attending, tells us that young people are particularly interested, because they look at Green Chemistry as a means to invest their talent at a particular, strategic moment of their lives. Green Chemistry is a good key for students to look around the scientific disciplines and to decide how and where to go forward. At the same time, the interaction with their experienced peers is necessary to initiate good research practices and select useful practical solutions and to disseminate confidence in Science in their respective countries. Nowadays, Green Chemistry is adopted in many school curricula and has dedicated Masters programs.

Cooperation's:

While we pay attention to the increasing emission of CO₂ and the increasing number of new chemical compounds that are spreading in the environment, it is difficult to foresee an end to this sinister and destructive trend, if humankind does not consider the prevention of negative consequences of rapid industrial developments; nature is not in a hurry but humankind is.

Currently, the activities of ICGCSD are successfully developing in these two areas. Green chemistry summer schools in Tanzania and Venice are being held and conferences on green chemistry are being organized. Organizations such as the OECD and OPCW are actively involved in the committee.

9. 14:30 - 14:35. IUPAC ThalesNano Prize for Flow Chemistry - 2020 award [Carolyn Ribes]

Carolyn Ribes reminded everyone that the 2020 IUPAC-ThalesNano Prize for Flow Chemistry will be announced in the new year. The 2018 IUPAC-ThalesNano Prize was awarded to Professor C. Oliver Kappe from the University of Graz (Austria). More details will be on the IUPAC website

10. 14:35 - 14:55. Report on IUPAC 100 and IYPT [Bipul Saha]

Bipul Saha shared presentations on IYPT and IUPAC 100. Everyone is invited to the opening ceremony at UNESCO in Paris (at own cost). The Periodic Table of Younger Chemists is going well. COCI would like to see more industrial chemists recognized.

11. 14:55 - 15:10 Updates from Division Reps [All]

Hemda Garelick gave a short update on Division VI (Chemistry & Environment) activities.

Jab Labuda, Division V (Analytical Chemistry), informed COCI on an objective to establish a sub-committee of Division V for analytical chemical related industries (e.g. laboratories, instrument manufacturers and component providers). After they have conducted some search of possibilities, we should discuss this point and he will inform COCI. Member agreed this would be a valuable collaboration.

12. 15:10 - 15:15 IUPAC member information (Appendix F) [Carolyn Ribes]

Carolyn Ribes presented the next information in the IUPAC membership director is private unless you change it. The details are in Appendix F.

Action items:

1. Anna Makarova will share her presentation on SAICM project (as .pdf) and Bipul Saha will share his presentation on Report on IUPAC 100 and IYPT (as .pdf) with Carolyn.
2. Anna Makarova finishes work on the project and submits it for approval. From the project funds it is planned to participate in:
 - a. Third meeting of the intersessional process considering the Strategic Approach and sound management of chemicals and waste beyond 2020, Bangkok, Thailand, 1-4 October 2019)
 - b. International Conference on Chemicals Management (ICCM5), Bonn, Germany, from 5 to 9 October 2020.
3. For everyone: check and edit personal information on the COCI website
4. Robert: update the best practices/endorsements from host companies. Team: Can we identify an opportunity to give a presentation about the STP to a large industrial group. (CEFIC, ACC, etc.). Responsible Care meetings are a possibility
5. Interested: International award for companies for Green Chemistry: Saha, Klaus Griesar, Xie (Carolyn to send names to Hemda and Laura).
6. COCI need certainly do more to foster links with a wider variety of industries throughout the world and, as well as engaging in outreach and dissemination activities which are certainly of mutual benefit and are in accordance with IUPAC's strategic plan

The meeting was adjourned.

Appendix A: 2018-2019 COCI Roster

Name		Term	NAO
Dr. Carolyn Ribes	STC-Chair	2018-2019	Netherlands
Prof. Anthony Brian Hanley	STC-Secretary	2018-2019	UK
Dr. Paul Baekelmans	TM	2016-2019	Belgium
Dr. Robert Audette	TM	2018-2019	Canada
Dr. Zaiku Xie	TM	2016-2019	China/Beijing
Dr. Daniel Bernard	TM	2018-2019	France
Dr. Bipulbehari Saha	TM	2018-2019	India
Dr. Kazuhiko Ishikiriyama	TM	2014-2019	Japan
Dr. Anna Makarova	TM	2018-2019	Russia
Dr. Sherif Abdeldaiem	AM	2018-2019	Egypt
Prof. Dr. Klaus Griesar	AM	2018-2019	Germany
Dr. Chang-Hyun Choi	AM	2014-2019	Korea
Dr. Lene Hviid	AM	2014-2019	Netherlands
Dr. Michelle M. Rogers	AM	2018-2019	USA
	Div I	2018-2019	
Prof. Markku Leskelä	Div II	2018-2019	Finland
Prof. Nicolay Nifantiev	Div III	2018-2019	Russia
Prof. Robin Hutchinson	Div IV	2018-2019	Canada
Prof. Jan Labuda	Div V	2018-2019	Slovakia
Prof. Hemda Garelick	Div VI	2018-2019	UK
Dr. Gerd Schnorrenberg	Div VII	2018-2019	Germany
Dr. Michelle Rogers	Div VIII	2018-2019	USA

Appendix B: Financial Report, May 2019

2018 - 2019 Division & Committee - Financial and Project Summary Report

COCI	Budget Allocation	Actuals	Remaining Balance	% Remaining Budget
Projects	\$24,500.00	\$12,500.00	\$12,000.00	48.98%
Operations	\$10,500.00	\$6,411.22	\$4,088.78	38.94%
Total	\$35,000.00	\$18,911.22	\$16,088.78	45.97%

Date	Project Number	COCI	Div I	Div II	Div III	Div IV	Div V	Div VI	Div VII	Div VIII	CCE	PC	External	Total
19-Mar-2018	2018-005-2-020 Tarasova & Reedijk	\$2,000.00	\$2,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$13,000.00		\$37,000.00
2-Aug-2018	2017-032-3-022 Grover	\$1,500.00												\$1,500.00
6-Sep-2018	2018-021-1-022 Benzo	\$3,000.00										\$5,000.00		\$8,000.00
18-Oct-2018	2018-034-1-022 Ribes												\$10,000.00	\$10,000.00
29-Apr-2019	2019-007-1-022 Audette	\$6,000.00										\$7,100.00		\$13,100.00
New Project Commitment Total		\$12,500.00	\$2,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$25,100.00	\$10,000.00	\$69,600.00

Project Numbers	Total Project Budget	2019 Starting Balance	2019 Spent	Remaining Funds	Planned End Date
2014-020-1-022 Books_West	\$3,916.30	\$3,916.30	-	\$3,916.30	31-Dec-2019
2016-014-1-022 Thales Nano	\$11,137.42	\$394.18	-	\$394.18	31-Dec-2018
2017-009-1-022 West	\$12,600.00	\$3,647.40	-	\$3,647.40	31-Dec-2019
2017-020-1-022 West	\$8,000.00	\$5,247.73	-	\$5,247.73	31-Dec-2019
2017-032-3-022 Grover	\$1,500.00	\$1,500.00	201.44	\$1,298.56	30-Sep-2019
2018-021-1-022 Benzo	\$8,000.00	\$0.00	-	\$0.00	31-Dec-2019
2019-007-1-022 Audette	\$13,100.00	\$13,100.00	-	\$13,100.00	31-Mar-2021
Total	\$58,253.72	\$27,805.61	\$201.44	\$27,604.17	99.28%

Completed Projects

Project Numbers	Total Project Budget	2019 Starting Balance	2019 Spent	Remaining Funds	Planned End Date
2018-034-1-022 Ribes_C	\$10,000.00	\$0.00	-	\$0.00	31-Dec-2018
2014-018-2-022 Hanley_C	\$7,000.00	\$5,943.23	-	\$5,943.23	31-Dec-2017
Total	\$17,000.00	\$5,943.23	\$0.00	\$5,943.23	34.96%

Appendix C: COCI Events WCC/GA

Safety Training Program Workshop Monday, July 8: 14:00 – 17:30, room 351

Celebrating 20 Years of Safety Training! Workshop includes highlights of STP over the past 20 years, partnership with CRDF, reflections and accomplishments of STP fellows, LA-STP update, recent accomplishments and plans, and a group discussion to improve and expand STP.

IYCN Speed Networking Session

Monday, July 11: 16:00 – 18:00

COCI Family Dinner: Monday, July 8, 19:00

Le Grand Bistro Saint Ferdinand, 275 Boulevard Pereire (sign up during COCI meeting)

WCLM: Wed July 10, 2019, 10:20–12:10 PM - Grand Auditorium, Palais des Congrès

Chemical Industry's Contributions to the 17 UN Sustainability Goals, featuring M. Brudermüller (BASF SE), J. Fitterling (Dow), D Ferrari (CEFCO & Versalis), A. A. Guryev (PhosAgro), I. Kadri (Mrs) (Solvay), T. Le Hénaff (Arkema) and presentation of IUPAC Distinguished Women in Chemistry/Chemical Engineering Awards.

Appendix D: IUPAC Strategic Plan

Our Vision

IUPAC is an indispensable worldwide resource for chemistry

Our Mission

The International Union of Pure and Applied Chemistry is the global organization that provides objective scientific expertise and develops the essential tools for the application and communication of chemical knowledge for the benefit of humankind and the world.

IUPAC accomplishes its mission by fostering sustainable development, providing a common language for chemistry, and advocating the free exchange of scientific information.

In fulfilling this mission, IUPAC effectively contributes to the worldwide understanding and application of the chemical sciences, to the betterment of humankind.

Our Core Values

Our core values are the guiding principles that guide the conduct of the Union and its relationships with its stakeholders. IUPAC's core values emphasize scientific excellence, communication, transparency, diversity, and ethical behavior. These behaviors are practiced by all of the Union's volunteers, staff and stakeholders.

- We serve humankind by advancing chemistry worldwide.
- We view scientific excellence and objectivity as the cornerstone of all our work.
- We value collaboration and communication among all our stakeholders.
- We strive for diversity and inclusiveness in all forms.
- We respect each other and the Union.
- We uphold the highest standards of transparent, responsible and ethical behavior.

GOALS (immediate and long term)

- Provide scientific expertise to address critical world needs.
- Increase the value of our products and services.
- Improve the vitality, effectiveness and efficiency of our Union.

MEASURABLE OBJECTIVES (immediate – substantial progress in coming biennium)

- Brand IUPAC in the minds of stakeholders
- Improve quality and frequency of communication with stakeholders
- Increase revenue

- Expand and retain Member base
- Enhance interdivisional interaction and collaboration
- Emphasize multidisciplinary projects addressing critical global issues
- Support chemistry education in developing countries

Appendix E: COCI Goal and Objectives for 2018-2019

Goal: IUPAC more effectively accomplishes its mission through increased engagement with industrial chemists and the chemical industry.

2018-2019 objectives:

- Increase number of Company Associates by 10%
- Communications: 2-4 Communications to Company Associates/NAO/IUPAC Leadership informing them of IUPAC accomplishments of interest to industry
- Recruiting: Communication packages available for IUPAC leaders for engaging industry and industrial chemists
- Safety Training Program continues to grow in Latin America and India with regional programs. At least 2 individual training sessions are held by end of 2020.
- IUPAC contributes to SAICM progress through COCI representation
- COCI contributes to success of the Interdivisional Committee on Green Chemistry for Sustainable Development (ICGCSD)

Appendix F: IUPAC Member Information

For Your Information: Information in the IUPAC membership director is private unless you change it.

Effective 25 May 2018: IUPAC is working to comply with the new GDPR European Data Protection Regulation 2016/679 (GDPR). These new rules are designed to protect the personal information of our members and to provide our members the right to retain control of personal information. Please review the [IUPAC Privacy Policy_25May2018](#).

The public display of email addresses and mailing address on our member profiles are now marked private as they are considered personal information. In order to affirm to IUPAC that we may hold your personal information, we ask you to do the following:

- Log in at www.iupac.org with your email and password using the Login button. If you forgot your password, use the “Forgot my password” function. An email will be sent to you. [please check your spam/junk]
- Email Tab: Check the Box in lower right to make Public. Click “Save”
- Address Tab: Check the Box in lower right to make Public. Click “Save”

For more information please visit: https://ec.europa.eu/commission/priorities/justice-and-fundamental-rights/data-protection/2018-reform-eu-data-protection-rules_en