

**COCI ANNUAL MEETING
INNOVENE OFFICES
CHICAGO, USA
20-21 JULY 2006**

1. Welcome and Introductions

Present

Mark Cesa	Chairman	USA
Mike Booth	Secretary/Treasurer	South Africa
Aldo Bologna Alles	Titular Member	Uruguay
Alex Pokrovky	Titular Member	Russia
Colin Humphris	Titular Member	Belgium
Jonas Unger	Titular Member	Sweden
David Evans	Titular Member	UK
Akira Ishitani	Titular Member	Japan
Bernard West	National Representative	Canada
Alan Smith	National Representative	UK
Carolyn Ribes	National Representative	USA
Jinliang Qiao	Representative of National Representative	China
John Malin	CHEMRAWN Representative	USA
Tom Perun	Division VII Representative	USA
Erin Carter	IUPAC Secretariat	USA

Apologies

Apologies were received from Khalidah Al-Dalama(Kuwait), Esma Toprak(Turkey),Michael Droescher(Germany)and Peter Mahaffy(CCE Representative-Canada)

2. Review and Approval of Minutes of Beijing and RTP Meetings of COCI

The minutes of the Beijing meeting were approved subject to the following changes. Section 6 'which was relatively easy to organise and well executed' to be deleted. Section 11 reference to SCALE has no bearing on the biomonitoring project which is a ICCA(International Council of Chemical Associations) initiative. This should read 'Humphris mentioned a new possible ICCA directed biomonitoring project.'

The minutes of the RTP meeting were approved subject to the following changes. Bolognae to be written into section 1 before the word 'declaration'. Under action 18 'help' to be replaced with 'be approached for'

Smith commented that there was a lot of nanotechnology in water purification and Pokrovsky reiterated that there needed to be a lot more international and intergovernmental collaboration. Humphris said that the indoor environment is becoming an issue with relation to effects on health of children. The focus was on hazards not risks and on germ cells not stem cells. Smith commented that momentum was growing in this area.

The question of NGO status was debated vis-a-vis UNEP(United Nations Environmental Programme) which has a meeting in Budapest in September and the fact that we have no status with SAICM(Strategic Approach to International Chemical Management). Liev Sydnes is promoting the idea and is to take up with Bryan Henry.

Action Smith and Cesa to talk at Bureau Level to get the issue resolved. COCI to write letter to get process moving. Pokrovsky will assist where necessary. We need representation at SAICM meetings and this needs to be addressed as a matter of some urgency.

The meeting had growing concern with the lack of information flowing from the organising committee for Turin and response to our request for a slot for the Safety Workshop. Carter commented that the first circular is posted on the IUPAC web site, but no further information is available on symposia or scheduling.

Booth raised a number of issues for clarification. The question of a Company Associates page in Chemistry International. Al-Dalama would be contacted on her progress in writing up something on the Kuwait new members now that the chairman had tracked down the proper e-mail address for her.

Humphris mentioned that there was an ICCA meeting in Minneapolis on biomonitoring to which we had been invited but nobody from IUPAC attended. Perun will contact John Duffus for further information.

It was agreed that the Chairman would attend the Divisional meetings in Turin where possible, to brief members on COCI activities.

3. The Structure and Functions of COCI 2006-7

Cesa repeated the presentation given in Raleigh. Items for minuting included reiterating the need for COCI to become NGO in SAICM. Al-Dalama was now involved in the health, safety and environmental programme. No funding to get division representatives to our meeting, for example, was a drawback. Projects in Divisions could have industrial interest and we need to keep this in mind.

The July-August edition of Chemistry International would contain an article by Evans on 'The Irrationality of Being: Fear of All Snakes, Spiders, and Chemicals' and information on COCI activities. It was commented that most articles had a western flavour and Al-Dalama should be encouraged to produce her article on the new Kuwait company associates as soon as possible.

Moving to Company Associates we have incomplete information on e-mail addresses. India for example needs new person as national representative. Among the number of opportunities for NAOs to participate in IUPAC is through COCI where representation is related to the number of company associates. Two provides eligibility for a National Representative.

Actions: Erin to help with updating e-mail contacts with the assistance of COCI members – each member should check list of CAs for those in your home country and provide updated address where possible.

Unger, Evans, Ishitani to solicit NR from India as appropriate – Cesa to assist as needed.

4. Budget and Finances

Booth provided a detailed report on expenses incurred to date. \$13419.71 of the operating budget has been spent so far against a budget of \$20000. He suggested that we might need to go to the Executive for further funds for the biennium. The figure of \$26.73 for Invitation Letters, the \$89.27 for credit card charges and Meyers airfare \$389 were queried. The Treasurer will follow these up with the IUPAC Secretariat. Evans asked that expenditure under transport that included hotel costs be separated out and included under subsistence. The suggestion was made that we might use project funds for attending the project meeting ahead of the Turin meeting.

There was general consensus that we need a topic for discussion to raise specific funding and that the specific theme would warrant industrial participation eg. as in the case of nanotechnology.

5. Project Organisation

There was discussion on the need for monitoring of projects. Milestones need to be checked. Alles would look into the possibility of providing a summary document for project leaders to complete. Evans again raised the reporting mechanism used by the Analytical Division at the Bureau meetings which is well received. It was emphasised by Pokrovsky that workshops like the one in Kenya could be followed up in Mauritius where the next CCE would take place in two years time.

Evans said that we need feedback as always on the impact of our projects. The sessions at the GAs on the STP programme was a good example of constructive feedback on what our trainees had done since their training. Perun welcomed the idea of joint projects with divisions. Evans commented that it was not a good idea to go to our customers for ideas on projects. Need ways of improving on that!

6. Reports from Bureau, WCLM, and Executive Committee Meetings

Evans provided a presentation on the activities.

Pokrovsky reported that Ukraine had paid their \$12000 USD annual subscription to IUPAC and that there was a problem with Belarus who had not notified their government of their intention to join IUPAC and had therefore had a problem with raising the funds.

Executive Committee (Bureau) – The possibility of sponsoring an International year of chemistry in 2009 is being considered to coincide with anniversary of the birth of Mendeleev. Bryan Henry had commissioned a task force to improve operational efficiency. Cesa reported that he had received some comments from members that he had fed back to the committee. Cesa is part of the committee looking into the status and bye-laws. Humphries emphasised the importance of alignment with the ICCA. There is currently a USA programme on the value of chemistry to society called the Essential 2 programme. Perun mentioned the possibility for a Division Reserve for strategic opportunities for the 2008-2009 biennium. Pokrovsky said that although collaboration with UNESCO has been in existence for 50 years a memorandum of understanding was needed to put it on a more sound footing.

7. Health, Safety and Environment Program

Cesa provided an update on the current situation. We have 7 trainees needing Host Companies and he had written to all the CAs who had participated in the past plus others we have e-mail addresses. He asked the committee for recommendations. There has been mixed use of the programme by the trainees. The brochure could be updated to bring together the programme/possible contacts for the training. The problem is to target the right person in the organisation to assist with getting them onboard as hosts. The MD might not be the right person! What does the company get out of it? Is there the possibility of cooperative research and tapping into the company in the trainees country? Cesa will be talking at one of the ACS Health and Safety Committee meetings on the Trainee Programme.

Pokrovsky said that March and April is the time to submit requests for funding from UNESCO. Ukraine can be used for nearby countries to promote the training programme. One trainee should be positioned now. Unger proposed that one possible source of funding was the quick start programme as part of the SAICM initiative. This could be anything from \$50000-\$150000. NGO support for IUPAC is needed to be able to apply for these funds.

Humphries proposed the use of a public health scheme which would be reinforced if related to the Global Product Strategy. If training is to be done you need to involve industry. Another list is the Global Responsible Care Charter that was signed in Dubai. At the end of the day the personal approach is always likely to be the best. Unger passed around a copy of the Swedish International Development Corporation Agency (SIDA) advanced international training programme which has similarities to our programme.

Referring to the Turkey workshop it would not be prudent to include Turkey in the title as this would imply that the workshop would only apply to that country and not surrounding ones. The

title for the workshop should be just Safety in Chemical Production. Esma Toprak should be informed that the workshop should ideally take place in 2007 and no later than October.

As far as the safety training programme meeting in Turin is concerned Cesa reported that he had resubmitted his proposal but had heard nothing further. Cesa would submit a proposal for IUPAC funding of this event. For UNESCO contract we needed to involve Jost but we have to develop the document. Concern was raised that we were only signing this for the Kenya workshop with the workshop two months away.

Pokrovsky to discuss in Seoul what is CCEs view on DIDAC.

Action Item Beijing 7 Done under chemistry programme. Now controlled by Julia Hasler. Pokrovsky said that it was not easy to get money from the IBS programme. Chemistry programme was better.

Action Item RTP 2 Participation of industrial representatives from Italy in workshop would be welcomed.

Action Item RTP 10 We need host company now. Pokrovsky to write letter to raise funds. Need to be done by October.

8. Public Appreciation of Chemistry

Evans repeated the presentations he gave at Raleigh.

A priority is enhancing the communication skills of chemists particularly of those in industry. At the CCE/ICCE meeting in Seoul there would be a workshop on the Public Understanding of Chemistry. Pokrovsky will be attending on behalf of COCI.

Evans document should be considered by CCE. Although there is issues around risk and hazard there needs to be some education on the meaning of the two. There is the also the issue of risk communication. Is this the subject of a UNICEF project?

The next issue of CI would include an article by Liev Sydnes on how to chair a meeting.

The attendees thought that we need to publicise public appreciation of chemistry in CI. Of the topics we need to push risk is one. Need customer response to Evans document. Test on the chemical community! Should we draft as 5 pages? Evans asked the Committee to rank 1 to 5 on whether we should proceed. Evans to write to two other members to get views as well. Humphries and Malin plus maybe Liev Sydnes.

9. NAO/CA Program

Unger's proposal for the workshop in Gothenberg was discussed and approved. The reason for deciding on Gothenburg for the venue is that Astra Zeneca is located there. The plan is to have 10 new Company Associates in Europe by 2008 with at least 4 additional country members as

opposed to regional representation. Pokrovsky will provide letter for application for funding from UNESCO. ICSU could be approached. Paris and Venice offices could be contacted. Pokrovsky will take proposal with him to meeting in September. Important to bring the NAOs and chemical societies with good industrial component together to make them aware of COCI and IUPAC activities. More required that covers the benefits to the participants needs to be stated in the proposal. Some form of divisional representation could be arranged. Influence what we are doing and get some creativity from participants. We need their input. Potential benefits to the NAO should be included.

Turning to the Company Associate Programme the focus will be on IUPAC not COCI in dealing with companies as potential CAs. . IUPAC is now running this through the secretariat with Erin Carter as the linchpin. IUPAC should collect fees where NAO is passive. She needs to be allotted time amongst her other projects. This is reckoned to take up a day-a-week. In the USA it has taken many years to recruit CAs. It was emphasised that this is not a fund raising exercise but it is to involve industry in IUPAC. Humphries commented that countries are struggling with national societies vis-a-vis their involvement with ICCA on the one hand and CEFIC on the other.

What is IUPAC doing moving forward? This will influence companies when trying to recruit them as CAs.

Action: Cesa and Ishitani to nominate COCI Programme Leader to work closely with the Secretariat. This would be Ishitani or his delegate.

The database of CAs has been cleaned up and is much better.

Unger commented that a person in each region could coordinate with the project leader. Ideally this would be a COCI member.

It was suggested that other Asian countries could be brought in that have substantial chemical industries. Ishitani would continue with this initiative.

We need to push benefits and create more! Some of the money brought in from CAs needs to cover the cost of doing the recruitment and not from COCI funds. The Executive needs to be more accountable. We can use the National Institute of Science to get to Indonesia and approach specific companies.eg in Ukraine the Stinol company.

Value of CAs to IUPAC . There is a need for wider representation from chemical industry and for chemistry that can influence IUPAC. Erin Carter needs direction and the setting of priorities. We need to promulgate involvement of industry in Divisions and through projects. Get them involved through the NAOs. If we are successful this will provide a standing item on the Executive and an opportunity to redefine IUPAC. The Committee agreed on Evans structure. and that Erin Carter could call a meeting at any time with COCI.

Need to articulate benefits to COCI, IUPAC, CAs and NAOs. Cesa needs help on slides to present Evans proposal to the Executive. There is an option here to offer active NAOs

participation in the process. Divisions could assist. Evans provided a fallback proposal in his presentation.

Redesign of the COCI Brochure. The brochure had been well received by the Secretariat. Comments made were that pictures of individuals in the IUPAC family that you could contact were important rather than equipment. Humphries team will look at it (who are they – graphics and design professionals) and then circulate to rest of group. Evans to send written copy to Akira and Unger, the Executive and Bureau.

Booth will send notes to Unger, Akira and Evans. The time-line would be to send the amended brochure to the Bureau in September. West to do some lobbying with Bryan Henry before the Bureau Meeting.

10. Reports from Division and Standing Committee Representatives

Perun gave a presentation covering the composition and structure of the various committees in Division VII. He emphasised in particular the industrial participation. Mario Verosi would be a person to approach as a possible contact for us for Turin. Purin will provide us with his contact details. The Division has produced a number of books and glossaries largely due to contributions without remuneration. The set of glossaries will be available as a compendium either on a CD or hardcopy in Pure and Applied Chemistry. Essential Toxicology is useful for the STP programme. Natural and Synthetic substances related to human health- Eureka Report. Comparison of synthetic and natural compounds in drugs/pharmaceuticals. also appeared of interest.

We need a list of publications for all divisions. **Smith will follow up.** Publicise amongst CAs and potential CAs. Surveys of Record and Training in Medicinal Chemistry.

Current projects that could be collaborative:

Molecular Biomarkers

Educational material for teaching toxicology

Training of school children on pesticides and health.

Malin had been asked to write up a history of CHEMRAWN conferences which is due to be available on the IUPAC webpage. He particularly brought to the meetings attention the Series of Malta conferences, the Energy Conference in Moscow and Food Supplies in Africa. The latter would particularly cover fertiliser and genetically modified crops.

World-Wide Survey on Graduate Education in Chemistry?

11. Division/Standing Committee Collaborations Programme

We need a representative for Division II .

Smith to provide for minutes COCI members representatives in Divisions and Division reps to COCI.

Project Summaries- 20 hardcopies for potential CAs. Others sent out as PDF.

Duties of representatives- Smith slide?

Possible collaboration on teaching materials in toxicology. Pokrovsky and Humphries to contact Duffus and Alex to take up at Seoul CCE meeting.

Work on glossary might help us get closer to the WHO. Humphries commented that this may lead us to new projects.

Malin to provide West with information to attend meeting at Queens University

In regard to COCI facilitation at Energy conference Malin will follow up where we can assist. He will provide topics and speakers for us to look at. He will also provide more specific information on the programme for the Greenhouse Gas Conference.

12. NGO/IGO/Trade Associations Programme

Humphries presentation.

Working relationship with IGOs. IUPAC could be used to broker contract .

There are four COCI Projects in total for consideration.

WCLM proposal for 2007. Trying to get senior industry involvement

Biomonitoring. So far making measurements and reporting data.

Nanotechnology.

Capacity building with the STP.

WCLM is the most important project in progress. Liev Sydnes is following up. Problem still remains with inactivity of organisers. The idea is to have four presentations of 15 minutes to stimulate discussion.

13. New Projects

Responsible Care. West went through his project submission proposal. The consensus of the committee was that we should concentrate on the monograph and a first case study. Humphries raised a number of important issues. Responsible Care is very much the domain of the trade association and we should not be seen to muscle in on what is effectively their initiative. What is the angle that is of value to the industry. Anything that increases awareness would be welcome.

We need to think whether our approach is a critic of RC or an endorsement.

We need to change to Responsible Application of Chemistry and remove reference to Responsible Care as this is a Trade Mark? West will work up his proposal in the light of these comments and pass through Humphries, Alles and Cesa. Alles should receive the document first for revision before passing to Humphries and Cesa.

Nanotechnology

Smith provide a slide show that he gives to schools and a much wider technical audience. Pokrovsky will talk to CCE at Seoul to determine their participation and establish whether this is unique material or are there other initiatives in place.

14. **Next Meeting**

The next meeting is planned to take place in conjunction with industrialists in a leading position within the national Chemical Society and/or NAO from up to 25 EU-countries plus Norway and Switzerland and to be held in Gottenburg March 9-10 2007. This will be a Project Planning and Review meeting.

The full committee will meet as part of the General Assembly in Turin in August 2007.

Pokrovsky raised the possibility of a meeting in Ukraine to interest Baltic States in IUPAC. Pokrovsky to provide estimate of cost, expertise required, and what is required for an organising committee to Booth and Cesa.