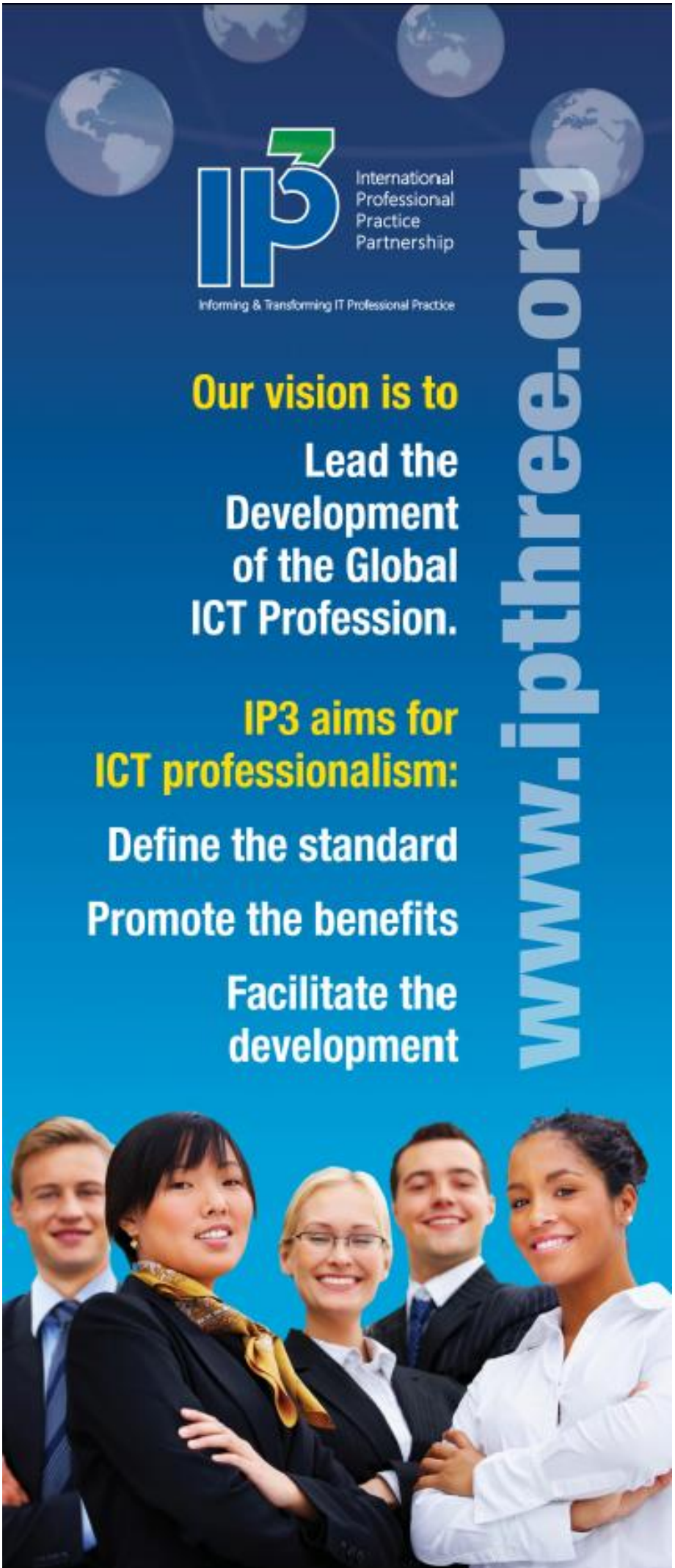

Annual Report 2013-2014

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the leading edge of information technology

Table of Contents

GOVERNANCE 3
IP3 Board 2012-2013 ..... *3*
IP3Mission *4*
IP3Vision *4*
IFIP IP3 Councils *4*
Standards and Accreditation Council *4*
Members of Council *4*
Assessment Panel *4*
IP3 Global Industry Council *5*
CHAIRMAN'S REPORT 6
VC STANDARDS AND ACCREDITATION 10
VC STRATEGIC RELATIONS 11
MEMBER ASSOCIATION REPORTS 14
Australian Computer Society (ACS) *14*
CIPS *15*
Information Processing Society of Japan (IPSJ) *15*
IITPSA *16*
ISACA *16*
APPENDIX 1: STATEMENT OF FINANCIAL POSITION 17
Financial position for 12 months ended 30 June 2014 ..... *17*
APPENDIX 2: MORE ABOUT IP3 GLOBAL INDUSTRY COUNCIL 19
IP3-GIC Purpose *19*
IP3-GIC Mandate *19*
APPENDIX 3: INFORMATION ABOUT ORGANIZATIONS AND ASSOCIATIONS 20
APPENDIX 4: ACRONYMS AND ABBREVIATIONS 22

Acknowledgements:

The IFIP IP3 Board acknowledges the vital support of its members, its committees and industry practitioners for the contributions they make in advancing the mission to develop the global standard in ICT professionalism.

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Governance

The International Professional Practice Partnership (IP3) was founded by the International Federation for Information Processing (IFIP) in partnership with several leading professional ICT organizations from around the world. IFIP was founded under the auspices of the United Nations Educational Scientific Organization (UNESCO) in 1960 and now has over 56 country member bodies and affiliates representing over 90 countries. IFIP is a consultative body for IT for the United Nations Educational Scientific Cultural Organization, Sector Member for the International Telecommunications Union (ITU) and Scientific Associate Member of the International Council for Science (ICSU).

IP3 Board 2012-2013

Brenda Aynsley

Chair

Australian Computer Society Representative

Stephen Ibaraki

Vice Chairman Strategic Relations

(co-opted September 2011-2014)

Colin Thompson

Vice Chairman: Standards and Accreditation and Chief Assessor

(co-opted September 2012 – June 2014)

Adrian Schofield

Vice Chairman: Standards and Accreditation and Chief Assessor

From July 2014

Moira de Roche

IITPSA Representative

Marketing Director

Akira Shibata

Information Processing Society of Japan Representative

Brenda Byers

Canadian Information Processing Society Representative

Gina van Dalen

Proxy for Brenda Byers

Roger Johnson

IP3 Immediate Past Chairman (co-opted September 2011-2013)

Anthony Wong

IFIP Representative (from end March 2013)

Joe Turner

Chair Seoul Accord (Observer)

IP3Mission

Our mission is to be a global partnership that will strengthen the global IT profession and contribute to the development of strong international economies by:

- defining international standards of professionalism in IT;
- Creating an infrastructure that will encourage and support the development of both IT practitioners and employer organizations, and give recognition to those who meet and maintain the required standards for knowledge, experience, competence and integrity.
- To carry out this mission, IP3 works closely with our member bodies and partners who share our commitment to creating a sound global IT profession.

IP3Vision

- A vigorous program to promote professionalism in IT, define international standards and create a global infrastructure that will encourage and support the development of both practitioners and employer organizations.
- An international IT profession, equivalent in prestige and structure to other established professions such as law, accountancy and medicine.
- The creation of a worldwide set of professional certification schemes recognized as the hallmark of true IT professionalism, delivered through independent national member societies and supported by development frameworks for both individuals and organizations.
- A program which reaches beyond the developed world to encourage and facilitate the development of IT capability within emerging nations.

IFIP IP3 Councils

Standards and Accreditation Council

The Standards and Accreditation Council provides independent advice to the IFIP IP3 Board on standards and management of the accreditation functions of IFIP IP3.

The membership of the Standards and Accreditation Council is based on expertise and/or interest in standards and accreditation and not as representative of any particular group or association. IFIP IP3 would expect that all those engaged in the profession are members of a professional association; however it should be made clear that such members do not necessarily represent the views of those organisations while engaged in Standards and Accreditation Council activities. The Standards and Accreditation Council will generally seek persons from associations with a strong and robust certification program in place.

Members of Council

Adrian Schofield, Chair (IITPSA)
Peter Cole (ACS)
Penny Duquenoy (IFIP representative)
Tan Moorthy (GIC representative)
Brian Cameron (GIC representative)

Vacancies - 1 from GIC who have 3 seats on SAC, 1 from an IP3 Member Association to take the seat vacated by Adrian Schofield after resignation of Colin Thompson.

Assessment Panel

These volunteers are trained assessors of professionalism schemes for IFIP IP3 members who seek accreditation of their certification/professional credentialing programs. The Panel currently is comprised of:

- Adrian Schofield, Chief Assessor (South Africa)
- Colin Thompson (United Kingdom)
- Bob Hart, Senior Assessor (Australia)
- Dr. Stephen Seidman, Senior Assessor (United States)
- Gina van Dalen, Senior Assessor (Canada)

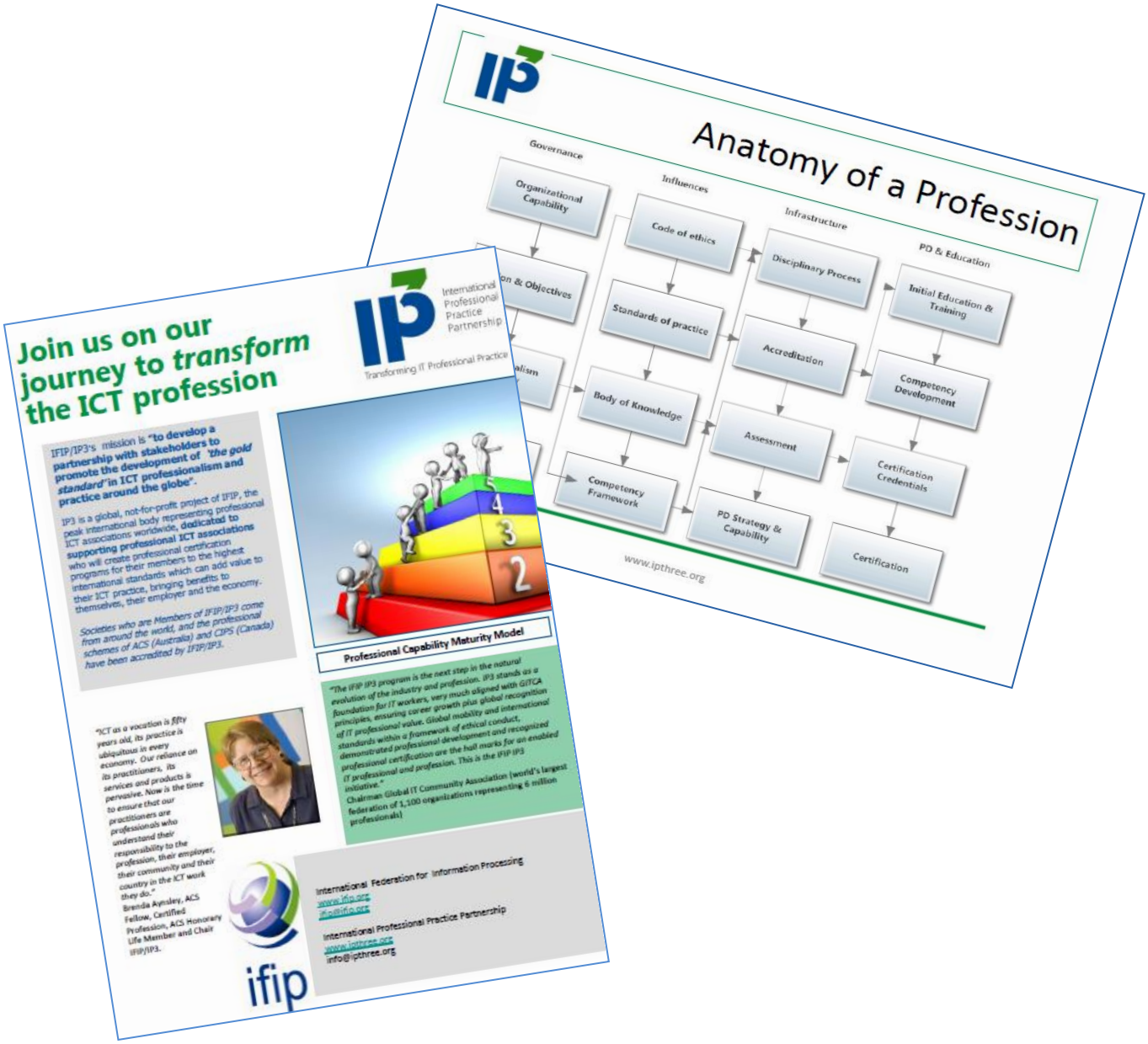
IP3 Global Industry Council

The support of the international employer community is critical to IP3's goal of building ICT professionalism globally. Recognizing this criticality, IP3 established its Global Industry Council (IFIP IP3-GIC) as the principal forum within which ICT employers can engage with IP3 and influence the development of the global profession.

It is the intention that IP3-GIC is a prestigious organization comprised of recognized thought leaders from major organizations (both private and public sector) with acknowledged experience and expertise in information and communication technologies and that a seat and invitation reflects the global third party validation that is only possible through a 50+ year old body with UN roots.

Global Industry Council Directors are specially nominated and invited to serve within the UN-rooted body as internationally recognized luminary executives, thought leaders, and visionaries and for their strong history of providing substantive contributions to global business, industry, society, education, and governments. The IP3-GIC is a first of its kind focusing on computing as a profession, which will further align computing with organisational strategy and business agility driving sustainability, education, risk management and security, skills development, professional standards, innovation, entrepreneurship, business growth, regional GDP growth, high yield investment opportunities, and regional economic development. Global GDP is over 60 Trillion USD and the global program for computing as spearheaded by IFIP IP3 and IP3-GIC will be a catalyst for a more than a 20% increase in global GDP in the next 10 years to over 80 Trillion USD.

The IP3-GIC purpose, mandate and list of members 2013-2014 are set out in Appendix 2.



Chairman's Report

2013-2014 has been a busy year once again, not only busy but also productive. We have enjoyed a period of growth that is most welcome. New members from ISACA and IFIP's NGI/VRI Dutch Member Society as well as the Computer Society of Sri Lanka were inducted this year into the IFIP IP3 global partnership, a most exciting development and proof that we are on the right track in focussing on growing the partnership more broadly than we once did. In addition we have added IIBA the International Institute of Business Analysis to the ranks of corporate member of the IP3 Global Industry Council (GIC).

This year saw the re-launch of the IP3 website at http://www.ipthree.org thanks to the efforts of our Marketing Director Moira de Roche.

We welcomed to the Board this year Amir Shafey ITI, and farewelled Lawrence Gudza from Zimbabwe.

We have continued the practice started last year of encouraging members to participate in Board meetings and discussions throughout the year by inviting them to every second Board meeting. Thanks go to those members who have joined in the board and members meetings as they occurred.

It has been an extraordinarily busy period within the member societies as you can read for yourself in their short reports, every success that the members have adds to the value of the IP3 goals. We are a partnership and we derive our strength from the successes we each have to promote professionalism and the gold standard of ICT professional practice.

In September 2013 IFIP IP3 held its Annual General Meeting for members and its regular Board meeting at which planning for the ensuing period is conducted. The location was Poznan Poland (PolitechnikaPoznanska) to allow our members to attend the IFIP General Assembly (GA) as observers, a strategy we have adopted to familiarise IFIP members with the people and work of IP3 and for us to get a clearer understanding of the work of the GA. The IP3 Board is very committed to IP3 being seen as an instrument of IFIP whose task it is to prosecute the professionalism goals of IFIP.

The financial year just concluded in June saw a massive effort on the part of our members which also has involved the President of IFIP. We have participated in five World Summit for the Information Society (WSIS) multistakeholder preparatory process (MPP) forums as well in Geneva and through remote participation. Marketing Director Moira de Roche, IFIP Representative Anthony Wong as well as IFIP Swiss GA delegate Raymond Morel and myself, have all participated in one or more of these forums. The purpose was to review the WSIS+10 project with the final report going to the United Nations in 2015. The expectation is that a new WSIS project will be launched by the UN for the next 10 years.

In view of this expectation, we believed that this was a pivotal time to get the message of professionalism including ethical behaviours in ICT onto the agenda for the future hence our commitment to this course of action. I am pleased to report that

I believe we have been successful in this. Some excerpts from the final outcomes document[1] follow:

> "7. Learning from the lessons of the past decade we need to turn our attention on the next period to those who provide create and manage the ICTs the professionals that empower the users of ICT to ensure that the rate of development can continue and increase.
>
> 13. Fostering ICT capacity building and ensuring that professional expertise keeps pace with advancing technology by building mechanisms for ICT skills development, to support economic development, help generate jobs and allow more people to benefit from the information society.
>
> 15. The WSIS Plan of Action has contributed to a deepened understanding for the significance of ICT for development among policy and decision makers, including of the ethical dimensions of the Information Society.
>
> 28. The need to increase the awareness of all stakeholders of the ethical dimension in the use of ICTs and encourage international and interdisciplinary reflection and dialogue on the ethical challenges of emerging technologies and the information society.
>
> 30. Reaffirming our commitment in regard to Ethical Dimensions of the use of ICTs in regard to para 25 of Geneva Plan of action and as described in para 43 of the Tunis Agenda.
>
> 31. Promoting professional standards and continued research on the ethical dimensions on the uses of ICTs.
>
> **C10 Ethical Dimensions of the Information Society**
>
> The Information and Knowledge Societies should be subject to universally recognized values and promote the common good and to prevent abusive uses of ICTs.
>
> a) All stakeholders should continue to raise awareness and promote national, regional and international debate on the ethical opportunities and challenges related to the use of ICTs.
>
> b) Promote respect of the fundamental ethical values in the use of ICTs and prevent their abusive usage.
>
> c) Continue to invite all researcher stakeholders, to continue research on ethical dimensions of ICTs, and to further examine current and emerging, challenges and opportunities.
>
> d) Continue to enhance the protection of privacy and personal data.
>
> e) Take appropriate actions and preventing measures, as determined by law, against abusive uses of ICTs as listed in para 25 of Geneva Plan of Action."

In June I, Vice Chairman Stephen Ibaraki and Marketing Director Moira de Roche, together with IFIP President Leon Strous, IFIP V-P Ramon Puigjaner and Swiss GA representative Raymond Morel, attended the WSIS High Level Event at which the Outcomes document was finalised and presented to delegates for final approval.

Stephen Ibaraki, Moira de Roche, and Brenda Aynsley address the workshop delegates at WSIS event

Brenda Aynsley and Anthony Wong at WSIS MPP event in December

[1] http://www.itu.int/wsis/implementation/2014/forum/inc/doc/outcome/362828V2E.pdf

Left: Leon Strous and Brenda at WSIS Geneva

Other activities we have contributed to which is allowing us to spread our message and pursue our aim to increase both the depth and breadth of the global partnership include:

- I met with BCS President Professor Liz Bacon at her university in Greenwich UKwhere I discussed the idea of holding a Presidents Forum concurrent with IFIP GA in 2014 to explore common areas of interest amongst membership societies of IFIP.
- I, along with President Leon Strous, met with the Danish Computer Society to compare notes on Professionalism. It was worthwhile to note that there are significant similarities in the issues Membership Societies face around the world.
- Whilst attending WSIS in December 2013, IFIP representative Anthony Wong and I met with the Swiss Institute incoming president Professor Jurg Gutknecht and Dr Simon Moser accompanied by Raymond Morel to explore the benefits of the IP3 Accreditation Scheme.
- I attended the CEN Workshop in Brussels to educate and inform participants of the work of IFIP, IP3 and ACS in certification for professional practitioners.
- In December, following the WSIS forums, IFIP representative Anthony Wong, IFIP President Leon Strous and I met with members of the German Institute's Peter Federer, Managing Director GIS, Dr Harald Richter and former IFIP President Klaus Brunnstein and from NGI/VRI Jos Timmermans in Dusseldorf.
- Whilst in Geneva, Anthony Wong and I visited the Australian Permanent Representative and Ambassador to the UN Peter Woolcott to inform him of the work of both IFIP IP3 and the ACS in the field of ICT professionalism.
- In April I presented at an ITU Academy Capacity Building Forum in Prague on "Common understandings of the challenges facing the ICT Profession: An Australian Case Study".
- At the WSIS High Level Event I sat on a panel on "Digital competences towards an inclusive Information Society" conducted by the ITU Academy.

Finally I want to thank all members of the IP3 Board for their outstanding efforts in attracting and retaining our members, a difficult task as we in membership societies all know, and particularly when the effort rests on volunteers as ours does. A special vote of thanks goes to Colin Thompson, who resigned as Vice-Chair: Standards & Accreditation at the end of June. Colin has been with IP3 since its inception, and we recognize that without the major contribution he made both in forming IP3 and setting up the standards for accreditation, IP3 would not have achieved as much as it has. Adrian Schofield, IITPSA Vice-President, who has been on the Standards & Accreditation Council, will be replacing Colin in this role.

I also would like to thank our IP3 GIC members for the advice they so generously provide and the contributions they make to the social value projects they participate in.

I commend the IFIP IP3 2014 Annual Report to you and our hope is that you are motivated to join the global partnership as a member of IP3 or of the Global Industry Council itself to advance professionalism in ICT practice.

We welcome your feedback about this report.

Brenda Aynsley OAM
Chairman IFIP IP3
Adelaide South Australia

August 2014

VC Standards and Accreditation

We start this year's report with thanks to Colin Thompson, who stepped down as Vice Chair IP3 Standards and Accreditation Council (SAC), handing over the reins to Adrian Schofield from the Institute of Information Technology Professionals South Africa (IITPSA) at the IP3 Board meeting in July 2014. Colin has done a sterling job in leading the accreditation activities of IP3 and putting the SAC in place. He remains available to offer guidance and support.

Adrian has been a member of SAC since March 2013 and hopes his brief experience will stand him in good stead as the Council undertakes its work of widening the community of accredited Societies and Institutes. At the time of compiling this report, Adrian has not yet been in contact with all the SAC members but will rectify that before the AGM in September. It is important that the composition of the Council complies with the Terms of Reference, to ensure that it can access the range of skills and expertise required to carry out its duties.

It is worth reminding ourselves of the role and function of the SAC:

1. Establish and maintain standards, policies and procedures for the accreditation function
2. Manage the accreditation function, including the recruitment, appointment and training of assessors
3. Ensure compliance with the standards, policies and procedures and ensure consistency of decisions by assessment panels, including an audit function if required
4. Provide an assistance service to IP3 members in planning for accreditation provided that such assistance service does not compromise standards or the integrity and independence of the assessment process
5. Establish a working relationship with the Seoul Accord.

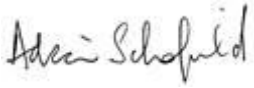
During the next year, we will continue the activities we do well and improve our performance in the other areas.

The current priorities are to complete the reaccreditation of ACS and CIPS and to accredit VRI. The visit to ACS is provisionally scheduled for November 24-27, 2014. The other two visits have yet to be scheduled but we intend they should be carried out in Q4 2014 or Q1 2015. The main challenge is one of the resources needed to make them happen. We need to find the balance between performing rigorous assessment in the face of the high costs of travel and accommodation for the assessors, while increasing the community of accredited organisations as quickly as possible.

During this same period, we will update the accreditation guidelines documentation, based on practical experience during this cycle of assessments, to circulate a 2015 edition to those interested in being accredited.

Adrian's appointment to the IP3 Board will focus South Africa's attention on completing the accreditation process. IITPSA has been preparing to submit its application for the last year or so and will be scheduled to complete the process in 2015.

We are also picking up the conversation with ISACA again. They have expressed interest in IP3 accreditation since the latter part of 2013 and now want to access case studies or testimonials from accredited organisations.



Adrian Schofield
Vice Chairman IP3 Standards and Accreditation Council
August 2014

VC Strategic Relations

The portfolio of Strategic Relations is a key position together with Standards and Accreditation. The work of this portfolio is to engage broadly with business, industry, governments, education, professional associations, conferences, forums and other influencers of ICT professional practice. In making contact and establishing relationships with the people and organisations, opportunities emerge to conduct a dialogue on professionalism in ICT and to encourage support for IFIP and IFIP IP3.

Building relationships through interviews

Since late 2013, there are over 20 new interviews, distributed to a potential audience reach of over 100 countries and more than 100 million ICT professionals. The interviews are targeted to build relationships with notable leaders who can share meaningful knowledge, give measured support and exposure to the mission of IFIP, IFIP affiliated groups and IFIP IP3 such as in the value of developing professionalism in ICT practice, the value of IFIP events and committees and the sharing of ICT lessons and best practice. This is part of our global partnership recognition that we strive to achieve in IFIP IP3. Interviews can be found at http://www.stephenibaraki.com/cips/cips_interviewslist.html. A small sample of interviews:

- Interview with **Professor Tetsuro Kakeshita** International Leader in Computer Science Education, Accreditation and Certification.
- Interview with **Dr. Joseph Turner**, see Internationally Awarded Authority in Computer Science and Education, Fellow ACM/ABET/CSAB, Chair of the Seoul Accord, Vice-President and Chair of the Publications Committee of IFIP, and Team Chair for ABET Computing Accreditation Evaluations
- Interview with **Yasas Abeywickrama**, Global Top Young Business, IT Professional, Entrepreneur and Author
- Interview with **David Alan Grier**, Global Technology and Policy Authority, Author
- Interview with **Bill Hutchison**, Founding Chair i-CANADA, Executive Director Center for Smart City Innovation Ernst & Young, Legendary Global ICT Pioneer
- Interview with **Martin Kratz**, QC, Head Intellectual Property Practice Group, Bennett Jones LLP, Legendary IP and ICT Legal Authority and Pioneer
- Interview with **Andrew Ng**, Co-Founder, Coursera.
- Interview with **Ambassador Thomas Pickering**, Founding Co-Chair of IEA.

Building recognition through (social) media

In addition, I am leveraging the invitation to write/blog for IDG-IT World (Canada) to build relationships with senior leaders and engagement to support IFIP and IFIP IP3. http://www.itworldcanada.com/author/sibaraki

IDG, international Data Group (IDG) is the world's leading technology media, events and Research Company. IDG and its 300 publications reaches an audience of more than 280 million in 97 countries representing 70% of the purchasing power in most countries. The North American Stats and you will see the list of familiar media brands: http://idg.com/www/home.nsf/map?readform&region=northamerica

Examples of articles referencing IFIP events and professionalism include:
CIOs must understand foreign markets: http://www.itworldcanada.com/blog/cios-must-understand-foreign-markets/95238
Increasing ethics training is the answer to cyber threats:
http://www.itworldcanada.com/blog/increasing-ethics-training-is-the-answer-to-cyberthreats/95133
Professionalism growing or in a downward spiral:
http://www.itworldcanada.com/blog/professionalism-growing-or-in-a-downward-spiral/85230

Building through large organizations and global events

As an industry executive I am largely on the road. The nature of the work I undertake means that I am regularly invited to meet with leaders of large organizations on matters unrelated to IFIP and IFIP IP3 and as such will always leverage these situations to also talk about the fine work of IFIP and IFIP IP3 to further support IFIP and IFIP IP3 goals and projects (as VC of Strategic Relations and Chair GIC).

Contacts Made

I have made contacts with over 500 individuals and organizations. Highlights:

- Senior leadership from Information Systems Audit and Control Association (ISACA http://www.isaca.org/),
- Institute for the Certification of Computing Professionals (ICCP http://iccp.org/)
- Federation of Enterprise Architecture Professional Organizations (FEAPO http://www.feapo.org/),
- International Institute of Business Analysis (IIBA http://www.iiba.org/)
- Partnership for Advancing Computing Education (PACE, http://www.computer.org/portal/web/pace/Home)
- International Economic Alliance Global Investment Symposia (IEA GIS, www.iealliance.org/events/global-investment-symposium.html), International CES (http://www.cesweb.org/)
- IFIP World CIO Forum (http://ccio.cie-info.org.cn/hyzx/a/a/)
- IFIP World Computer Congress. With all contacts, IFIP and IFIP IP3 benefits and value are continually outlined.

Detailed information about these organizations and events can be found inAppendix 3: Information about Organizations and Associations.

Having made these contacts, it's part of my role to ensure they are actively followed up particularly where there is such a strong interest in professionalism, IFIP and IFIP IP3.

Speaking Engagements and GIC activities

I presented on IFIP IP3 and ICT professionalism at the ITU WSIS+10 High Level event in Geneva in June 2014. Earlier, I conducted an interview with Janis Karklins, ICT Head for UNESCO, which is reported in CNN iReport and on Youtube. I also conducted an interview with HamadounToure, Secretary General of the ITU. My discussions with Hamadoun and Janis were incorporated into my 2014 presentation in Geneva and an article on professionalism with IDG IT World. From the event, there is good support from civil societies, governments, and industry for IFIP and IFIP IP3. There are many continuing discussions and interviews from Geneva including:
John Davies Vice-President Intel and Intel corporate executives; GetachewEngida Deputy Secretary General UNESCO and UNESCO executives; Marcus Kummer Vice-President Public Policy Internet Society; AdamaSamassekou President with ministerial rank of the African Academy of Languages and President (2002-2003) of the PrepCom Geneva Phase World Summit on the Information Society; Dirk Helbing principal Investigator FuturICT Knowledge Accelerator and Crisis Relief System with Living Earth Simulator (final round candidate for the EC 1B Euro project award), chair ETH sociology department, head ETH Zurich Competence Center "Coping with Crises in Complex Socio-Economic Systems" and the "Physics of Socio-Economic Systems" Division of the Deutsche PhysikalischeGesellschaft (German Physical Society), elected member World Economic Forum Global Agenda Council on Complex Systems, board member of the Global Brain Institute.

The ITU is the global regulatory and standards body for Telecommunications. ITU has 193 country governments as members and over 700 corporations and significant global organizations.

Though unrelated to IFIP and IFIP IP3, I was also able to improve relationships with the leadership of the Central Asia region, who are led by the largest economy Kazakhstan; they are prospects for joining IFIP and medium term for IFIP IP3. They are interested in joining the Seoul Accord. I advise them on their global economic forum, global e-government summit and research.

Computer Society of Sri Lanka officially joined IFIP IP3 with active support by Yasas Abeywickrama, Chair of the IFIP International Young IT group, serial entrepreneur, author, and broadcaster. Yasas took action to support moving this forward with the CSSL executive following our discussions: Here is a link with IT Manager (potential audience reach 450 million): http://blogs.technet.com/b/cdnitmanagers/archive/2014/05/05/chat-with-yasas-abeywickrama-global-top-young-business-it-professional-entrepreneur-and-author.aspx

I was interviewed for the EU E-skills CBOK and advocated for IFIP, IP3, GIC and IP3/GIC members to be involved. The EU is keen to include views from around the world so as to share best practice and not “reinvent wheels”. They will map to other Frameworks and CBOK’s. Members of IP3 were introduced, interviewed and participated in workshops for the E-Skills: Pan EU- BoK. The hosts recommended participation at the final meeting is in December in Brussels. During my interview and follow-up survey I also talked about IP3, mature professional societies, programs worldwide, mapping initiatives between competency frameworks, BOK work and more.

I was invited by the hosts of the Beijing 2014 IFIP World CIO Forum to participate as a vice-chair IAB and I am now actively engaged as a member of the international steering committee. The GIC is interesting in supporting IFIP. The steering committee http://ccio.cie-info.org.cn/hyzx/a/a/ has GIC members: Declan Brady, Frits Bussemaker, and Stephen Ibaraki.

A GIC member, Frits Bussemaker is a partner is CIONET with over 4,500 members, and led a CIO team to meet with the hosts and is actively providing recommendations. Frits has also introduced Annette Nijs of CEIBS. Other GIC members are also interested in speaking or supporting the event. In 2014, I requested IDG-IT World to add these articles from the last WCF to build Western support and history for the event:
http://www.itworldcanada.com/article/world-cio-forum-the-vice-chairs-8-takeaways/45820
http://www.itworldcanada.com/article/toyota-cto-tadao-saito-my-it-leadership-lessons/45866

I am also supporting IFIP World Computer Congress 2015 to be held in Daejeon, South Korea, from 4 to 7 October 2015. Again, there will be speaking opportunities for GIC Directors, to provide input on content and of course all are encouraged to attend.

There are several US bills involving ICT/STEM education, ICT diversity; skills, competencies, and certifications before the GIC. For example, we have helped draft one of the bills which provides opportunities for professionalism.

IFIP IP3 and IFIP IP3 GIC communications technologies are being provided by Cisco, Microsoft, and KPMG representing a contribution of over 10,000 Euros each year.Since September 2013, the GIC has met every two months via teleconference.

The **IFIP IP3 GIC** has provided valued content and topic feedback, speaker recommendations, and speakers to IFIP projects, conferences and related programs. An outgrowth of this work is increased governments and industry support for IFIP and IFIP IP3.

In 2014, the GIC approved work on the 2020 Skills report chaired by GIC member John Morton with delivery expected Fall 2014. John met with Brenda Aynsley in April, and got her views and input. Frits Bussemaker, Greg Growcholski, Declan Brady, Moira de Roche, Kumar Parakala, Kevin Brennan, ReinhardPosch, Brian Cameron, Daniel Castro, VenkataramanBalaji, Terry Grafenstine have provided insights in support during and in-between GIC meetings. John is working with a group representing approximately 17,000 IT employees and has indicated that we are close to the tipping point, where IT will move from how to make/build things to an emphasis on the architecture. There will be a lot of emphasis on where we will resource people with the right discipline and cognitive structure to meet future needs.

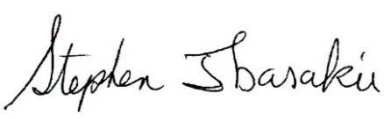
There is an ICT Leadership Outreach program supporting IP3 with initial asks (of one or more of the following):

- allow names to stand for nomination to GIC,
- provide input to Professional Standards and IP3 programs such on marketing,
- provide recommendations and input to IFIP conferences,
- support IP3 government engagement,
- advocate for IFIP and IP3 within their ecosystem.

The IP3 top three priorities for the GIC:

- government engagement recommendations, introductions and support,
- advice on IP3 Marketing,
- input on Standards.

More information about IP3 GIC can be found in Appendix 2: More about IP3 Global Industry Council. For a list of GIC directors and their CV's go to http://ipthree.org/ifipip3-global-industry-council/gic-director-list/.



Stephen Ibaraki
Vice Chairman IP3 Strategic Relations
Founding Chair Global Industry Council

Member Association Reports

Australian Computer Society (ACS)

The Australian Computer Society (ACS) exists to advance professional excellence in information and communications technology (ICT). Over 21,000 ACS members work in business, education, government and the community, including 329 ICT Professors and Associate Professors and 16 recipients of the Medal of the Order of Australia (OAM) and Member of the Order of Australia (AM). The ACS is passionate about the ICT profession being recognised as a driver of productivity and innovation, and business – able to deliver real, tangible outcomes.

The key ACS activities in this year have included performing the role of guardian of ICT professional standards, establishment and maintenance of a core body of knowledge, code of ethics and code of professional conduct. Within Australia, ACS has continued to manage the Professional Standards Legislation for the ICT profession; Professionals purport to have specialist skills which can be relied upon by another and consequently laws require that the Professional exercises the required skill to an appropriate level. Any loss from failing to exercise the required level of skill may be pursued through the court system. The ICT profession via ACS was gazetted in Professional Standards legislation meaning that eligible ACS members have capped liability. For professionals to be eligible for the benefits of the Professional Standards legislation they must be an ACS Certified Professional (CP) and hold appropriate professional indemnity insurance.

By July 2014 1,444 ACS members had achieved the CP professional benchmark, and are maintaining this status through continuing professional development. This is an increase of 27% on 2013. A study conducted of ACS members found that when considering total remuneration packages, those holding Certified Professional status with the Australian Computer Society earned on average 11.4% more than those holding vendor certifications alone, and 15.2% more than those without any certifications[2].

ACS continued to support their international affiliations in 2013-14. It was active in the support it provided to the International Federation for Information Processing (IFIP) and the South East Asia Regional Computer Confederation (SEARCC) and became the Secretariat for SEARCC. In July 2013 we hosted the IFIP President Mr Leon Strous in Sydney where we assisted in the IFIP planning process, during the visit the IFIP President, ACS Immediate Past President Anthony Wong and the Chair of IP3, ACS member Brenda Aynsley met with senior Australian Government officials and hosted a lunch to discuss the Australian Workplace and Productivity Agency report that was released in the weeks before the visit.

ACS also contributed to the cost of the activities undertaken by the IP3 Chair, particularly in support of IP3's participation in the World Summit on the Information Society multistakeholder preparatory platform which culminated in the WSIS Outcomes document in June 2014[3]. In November, the IP3 Chair was elected President of ACS for 2014-2015.

2013-2014 also saw an increase in interest in the Skills Framework for the Information Age and in the ACS Skills White Paper, common job profiles. [4]

To celebrate International Girls in ICT Day in 2014, the Australian Computer Society launched the first in a series of interviews capturing the stories of women working in the ICT profession.[5] Videos of the interviews can be accessed on youtube.com[6]

Thought Leadership

In 2013-2014 the final report of the ACS led Cloud Computing Protocol study was presented to the Australian government. 2014 also saw the appointment of ACS Vice President (Membership Boards) Anthony Wong to the Chair of the NSW State

[2] https://acs.org.au/news-and-media/news-and-media-releases/2013/survey-results-reinforce-the-value-of-acs-professional-certifications
[3] http://www.itu.int/wsis/implementation/2014/forum/inc/doc/outcome/362828V2E.pdf
[4] https://acs.org.au/__data/assets/pdf_file/0005/26528/ICT-Skills-White-Paper-Common-Job-Profiles-and-Skills-Mobility-30-Dec-2013.pdf
[5] https://acs.org.au/communities/acs-women/acsw-media-library
[6] https://www.youtube.com/playlist?list=PL8BUtM6njqLuWFp7jdTgpJMZadK3PP0sf

Government's ICT Advisory Panel.[7] This is a significant appointment to the largest state government in Australia. ACS considers it evidence of the growing reputation of ACS and its members as ethical and professional practitioners.

CIPS

CIPS Ethics Exam

As part of our mandate to establish Information Technology (IT) as a profession, CIPS has identified a need for testing knowledge and understanding of ethics in computing and IT. This is particularly important for those applying for CIPS' I.S.P. and ITCP certifications.

In 2013, the CIPS National Board ratified a motion requiring that all certification applicants need to demonstrate knowledge of the CIPS Code of Ethics either through completion of a CIPS accredited program or by successfully completing the online CIPS Ethics in Computing and IT exam.

A common testing methodology was developed, relevant to all IT professionals regardless of domain or technical specialization or occupation. The online exam, which became available and mandatory in early 2014, is a multiple choice, non-proctored and open-book exam. The goal of the exam is to test CIPS certification applicants on their ability to apply ethical reasoning to certain situations and to encourage them to think about how they would respond to situations similar to those posed by the exam scenarios and questions. The exam is for experienced and new IT practitioners and builds awareness of the key principles of professionalism and the CIPS Code of Ethics.

This exam helps IT professionals to:

- learn about the principles of the CIPS Code of Ethics; and
- gain skills and confidence in dealing with issues related to professionalism and ethics by navigating through hypothetical situations

IEEE-CS Body of Knowledge

CIPS active involvement continues in the IEEE-CS project to document an IT Body of Knowledge. The IEEE-CS ITBOK committee is progressing with the authoring of an IT BOK framework document which outlines the BOK content and structure. CIPS is contributing to the project by providing overall project direction as a member of the IEEE-CS Professional Advisory Board-IT and as well authoring assigned sections of the ITBOK itself.

Federation of Enterprise Architecture Professional Organizations (FEAPO)

Since joining the Federation of Enterprise Architecture Professional Organizations (FEAPO) in 2011, CIPS, through its current representative Trekker Armstrong, I.S.P./ITCP and Stephen Ibaraki, FCIPS, I.S.P./ITCP who serves on the FEAPO Board of Directors, has remained actively involved in the organization. Trekker has transition his role to Brenda Byers who has begun to assist with the Career Path committee work in the area of EA competency model creation and EA competency dictionary documentation.

Information Processing Society of Japan (IPSJ)

IPSJ has been developing the system of certification for advanced IT professionals called Certified IT Professional, CITP, in two methods: direct and indirect.

In the direct method, IPSJ certifies individual IT professionals by itself as usual. IPSJ piloted this scheme twice until March 2013, and, on June 30, announced that it started the operation for public application. The first judgment is scheduled to be done in March 2015.

In the indirect method, IPSJ accredits internal certification systems of companies that the certification is equivalent to the certification of CITP at IPSJ. Once accredited, IPSJ issues certification of CITP to the professionals the companies certified.

[7] https://acs.org.au/news-and-media/news-and-media-releases/2014/media-release-anthony-wong-to-chair-nsw-ict-advisory-panel

This is a kind of Trusted Source or delegation of certification process. IPSJ has finished designing this scheme and started its piloting this year.

ISO/IEC JTC1/SC7/WG20 is starting a project to revise ISO/IEC 24773:2008, Certification of software engineering professionals - Comparison framework. The new 24773 is designed as a conformity standard for certification schemes for software and systems engineering so that the standard will have fundamental impact on CITP certification and IP3 activity. IPSJ joins the project by appointing a co-editor of the new 24773.

IITPSA

The road to IP3 accreditation does seem to be quite a long one for IITPSA (Institute of Information Technology Professionals South Africa), previously Computer Society South Africa (CSSA). During 2012, IITPSA (CSSA at the time) was recognised by the South African Qualifications Authority (SAQA) as a professional body in terms of new legislation enacted in the country which governs the recognition of professional bodies.

During 2013, CSSA became IITPSA and the change of our professional body from a 'Society' to an 'Institute' has brought on some additional work since all our documentation has needed to be changed to reflect our new name.

Apart from attending to the required updating of documentation, the team has been focusing on the Core Body of Knowledge (CBOK) and Continuing Professional Development (CPD) and improving our processes and procedures in this area. We have introduced a SFIA self-assessment as well as a one hour peer 'interview' for all members who apply for re-grading to our professional grade of membership. The designation for this grade (PMIITPSA – Professional Member of IITPSA) is registered by the South African Qualifications Authority on our National Qualifications Framework (NQF), which gives added professional value to holders of this designation.

Whilst there is still quite a bit of work to be done by IITPSA, we continue to work towards the day (in the hopefully not too distant future) when we will be IP3 accredited.

ISACA

ISACA joined the International Professional Practice Partnership (IP3) in December 2013. The main purpose of joining IP3 was to be a part of a platform that supported the growth and development of Information and Communications Technology (ICT) profession on a global basis, including those supported by International Federation of Information Processing (IFIP) and Council of European Professional Informatic Societies (CEPAIS). ISACA supports career management ICT workforce development and saw IP3 as the type of umbrella organization that could help serve as the central hub for distribution of such ICT awareness growth. Additionally, ISACA is a member of SFIA and has a number of our credentials mapped to SFIA. By linking with IP3, we look to encourage Computer Societies take a second look at SFIA and that ISACA Credentials gain further recognition and adoption by these Computer Societies. We look to use our IP3 membership to increase the visibility and use/adoption of COBIT to help with the pain points that enterprises and members of the global Computer Societies are experiencing. Lastly, we see IP3 as the type of organization that can help with the distribution of knowledge and information on ICT skills and careers globally.

Appendix 1: Statement of Financial Position

Financial position for 12 months ended 30 June 2014

	1 July 2012 – 30 June 2013	1 July 2013 – 30 June 2014
	Actual (€)	**Actual (€)**
Opening balance held in IFIP accounts as at 1 July	**132,791.54**	**120,093.11**
Receipts		
Membership Fees	7,000.00	2,000.00
Reimbursement from WCC2012	1,512.47	
Total receipts	**8,512.47**	**2,000.00**
Expenditure		
Travel and associated expenses	19,639.76	15,225.60
Web-related support	90.00	192.00
PR/Marketing		269.50
EU Tender		6,969.60
Other	1,512.47	
Total expenditures	**21,210.90**	**22,656.70**
Excess of receipts over expenditures	**-12,698.43**	**-20,656.70**
Total equity carried forward to next period:	**120,093.11**	**99,436.41**

Notes and additional detail to Statement of Financial Position

Note 1: Reporting year

The reporting year was changed from calendar year to fiscal (July-June) year effective 1 January 2012 however the accounting year for IFIP audit purposes remains calendar.

Note 2: Outstanding claims and income not yet realised

In this reporting period there are outstanding claims from members amounting to around €4,000. Whilst due to late issuing of invoices, €2,000 is also outstanding in income.

Note 3: IP3 Members' contributions*

IFIP IP3 acknowledges the following in-kind contributions from member organisations. These contributions should be taken into account when the statement of financial position is considered in determining the value the IP3 Project brings to its parent organisation, IFIP.

Strategic activity	***Hours***
Board members in policy and governance, annual meeting, 5 board meeting teleconferences	*150*
IP3 Board members in program activity eg membership recruitment and international policy development	*1000*
Marketing: collateral, website and communications	*100*
Members advocacy of IP3 to prospective partners	*50*
Strategic Relations and industry engagement not including interview podcasts	*150*
*Standards and Accreditation development *****	*50*
Recruitment and stakeholder engagement	*1,000*
Conservative estimate of member contribution in hours	***2,500***

** Monetary value of members' contributions calculated at a nominal €80 per hour is €200,000 a significant increase in member involvement over the 12 months.*
*** Problems with allocating time to this task again were evident in this period. In 2014-2015 we will have new personnel involved and expect the rate at which we can achieve our goals to improve.*

Note 4: New member / developing countries

Some ACS sponsorship is applied to new member and developing country activities once again in this reporting period. Considerable in-kind (volunteer) time and value is applied to this area. IFIP IP3 continues to express its gratitude for this level of commitment by ACS members and the organisation in pursuit of the IP3 global partnership goals.

Note 5: Donations and sponsorships

In-kind and monetary support was again in the order of €30,000.

Sponsorships were provided by:

- *Cisco Webex support to IP3 Board communications and Microsoft collaboration support to the GIC ($US20,000)*
- *ACS support of the chairman ($US20,000)*

Appendix 2: More about IP3 Global Industry Council

IP3-GIC Purpose

Create a vehicle to:

- Provide a global forum under the auspices of a UNESCO-sanctioned body for the frank and open discussion of matters of common interest;
- Demonstrate a public commitment to professional ICT standards;
- Play a real and active part in developing the global ICT Profession;
- Provide detailed comment of the certification requirement and on the shape and content of development and support services for professionals; and
- Provide valuable support to the growth of ICT capability within developing nations.
- Create a mechanism for the IP3 Board to:
- Obtain valuable, independent input from industry;
- Engage with outside organizations and keep them interested and actively involved in IP3; and
- Generate a modest level of subscription income from industry to support the activities of IP3.

IP3-GIC Mandate

- Provide a neutral venue for sharing issues and solutions of interest to major global organizations, with facilitation by IP3, if desired;
- Assist IP3 in enabling projects to further the goals of IP3 in developing nations;
- Articulate the needs of industry to IP3, specifically those which can be addressed though ICT professionalism, certification, and activities related to the IP3 mandate;
- Review current or proposed IP3 standards, programs or policies in order to advise on their effectiveness in industry;
- Propose specific initiatives aside from accreditation and ICT professional standards which IP3 may wish to undertake in order to collaborate more effectively with industry and specific outside groups;
- Offer expert advice and insight in an effort to help IP3 remain responsive to the needs of industry with respect to ICT professionals, professional skills and competence;
- Recommend individuals who can make a valuable contribution to the work of the IP3 Professional Standards Council and Committee;
- Discuss ways in which IP3-GIC and individual Council members may help to advance the IP3 cause.

Appendix 3: Information about Organizations and Associations

ISACA has an interest in IFIP and IFIP IP3 after discussions with many of their senior executives and speaking twice at their World Congress in 2012 and interviewing many of their leaders. They are partnered with IFIP and IFIP societies in events. Moreover, the 2012/2013 International President, Greg Growcholski, joined the Global Industry Council (GIC), adding to International Vice-President, Terry Grafenstine, joining the GIC. As a result of this work, ISACA formally joined IP3 in 2014 and as an organizational member of the GIC in 2014. In addition, ISACA targeted a sizable contribution to UNESCO getting input from IFIP and IFIP IP3 and contributed to the European Commission professionalism focused BOK work initiated in 2014.

ICCP has continuing interest in joining IFIP IP3 and IFIP. The ICCP does sit on the ACM Practitioner Board Professional Development Committee and ACM Practitioner Board Professional and Certification Committee. I am a member of the ACM Practitioner Board and chair their ACM Practitioner Board Professional Development Committee (2013/2014) which includes the Webinar Committee and Professionalism and Certification Committee (PCC). The ACM PB PCC was formed in 2012.

FEAPO has support from the US government, Federal CIOs, MITRE, US State CIO Association and international organizations. FEAPO continues to welcome input from IFIP IP3 where I was a founding board director in 2011 and in late 2013 was elected again for another two year board term. I also chair one of their standing board committees. Working with FEAPO (Federation of Enterprise Architecture Professional Organizations) the US government is also planning certification in EA. There is support for EA certification from Federal and State CIOs who belong to FEAPO. The President of FEAPO, Brian Cameron, joined the Global Industry Council and now sits on the IFIP IP3 Standards and Accreditation Council. The President is the associate dean of the largest US business school and has an interest in supporting the IFIP World CIO Forum in 2014 having spoken at the 2011 IFIP World CIO Forum.

The IIBA is a leading member of FEAPO, hosting several summits, and newly elected to the board for August 2013. The IIBA is 10 years old; 25 thousand members; 20 staff and growing rapidly; multi-millions budget currently but growing; fast international growth particularly in India and China; have their own BOK, competency framework, certifications, conferences, publications. The IIBA formally joined the global industry council in 2014 as an organizational member, takes an active interest in IP3 and contributed to the EC BOK work as a member of IFIP IP3 and GIC. Kevin Brennan a founder of the IIBA and first author of their resources and executive vice-president sits on the GIC.

The Partnership for Advancing Computing Education is a coalition of professional organizations concerned with meeting the global demand for a well-prepared, well-informed, and diverse computing workforce. PACE provides a clearinghouse for members to communicate their visions and efforts toward these goals, helps members to identify common issues and interests, and engenders collaboration that leads to cross-organization unified effort. The Future of Computing Education Summit was held in June, 2009 with representatives of members of nine professional societies, membership organizations, and the National Science Foundation. Participants generally agreed that an "entity" for promoting computing education should be created. Planning for this entity, the Partnership for Advancing Computing Education (PACE) was supported by a grant by the National Science Foundation awarded in September, 2010. The PACE constitution was approved in June, 2011. Details about the many committed founders and contributors to PACE and its milestones can be found in the History of the Founding of PACE. I was invited to Washington DC to participate with PACE to provide a professional practice and industry perspective (thus my work with IFIP, GIC and IFIP IP3)--the Partnership for Advancing Computing Education workshop in August 2014 on computing education research funded by the National Science Foundation and hosted by the National Academies at their Keck Center. The purpose of this invitation-only workshop is to ● establish a joint understanding and strengthen the sharing of research agendas and directions on computing education across various computing-related sub-disciplines; ● explore the possibilities for developing a forward looking and challenging research agenda for computing education as a whole, one that will extend and enhance the computing education research community; ● enhance the standing of the computing education research community and galvanize it into meaningful and effective action; and ● determine the ways in which professional and academic computing societies can best serve the computing education research community.

Stephen Ibaraki received an invitation to advise, participate and recommend delegates to the Sept IEA global investment symposia (GIS) with invited global corporate chairs / CEOs or their special designates, billionaires, major owners, significant family offices, financial services CEOs / Chairs, luminaries like Bill Clinton and country leaders/ministers/ambassadors/economic advisors. This provides a unique opportunity to build relationships and support for IFIP and IFIP IP3. The event is hosted at the Harvard Club in NYC Sept 24. The timing is the same week as the United Nations General Assembly. The leaders participating at the UN GA can then participate at the IEA Global Investment Symposia. The IEA (International Economic Alliance) has its roots with Harvard, President's Clinton and Bush and changed into the IEA to allow a very broad international audience. Founding director Van McCormick and I have ongoing meetings

about the GIS. The invitees are organized around table discussions at the Sept GIS. Van noted “work with us to decide who gets invited. Please remember that we don't have many delegates. Quality over quantity.” They turn away executives for past events since the event has more chairmen wanting to participate then they have seats available. I completed an interview with the noted Ambassador Tom Pickering, IEA founding co-chair.

Stephen was invited by the US Embassy to be in a US Embassy led industry executive delegation (as board chair of various companies/organizations/groups) to participate in the international CES. The CES is the biggest international event with the future on interactive display in nearly 2 million square feet, 3,200 exhibitors, 160,000 delegates, 6000 press. The leaders present provides a good opportunity to build support and relationships for IFIP and IFIP IP3. At the CES, I met and interviewed Gary Shapiro, CES/CEA president as a follow-up together with other senior executives.

Appendix 4: Acronyms and abbreviations

Acronym	Full description
ABEEK	Accreditation Board for Engineering Accreditation of Korea
ACS	Australian Computer Society
AEF	Astana Economic Forum
BCS	British Computer Society
CEPIS	Council of European Professional Informatics Societies
CIO	Chief Information Officer
CIPS	Canadian Information Processing Society
Commbank	Commonwealth Bank of Australia
CP	Certified Professional
CSI	Computer Society of India
CT	Certified Technologist
EA	Enterprise Architecture
FEAPO	Federation of Enterprise Architecture Professional Organisations
GIC	Global Industry Council
ICCP	Institute for the Certification of Computing Professionals
IEEE-CS	Institute of Electrical and Electronic Engineers – Computer Society
IFIP	International Federation for Information Processing
IIBA	International Institute of Business Analysis
IITPNZ	Institute of IT Professionals New Zealand
IITPSA	Institute of Information Technology Professionals South Africa
IPSJ	Information Processing Society of Japan
ISACA	Information Systems Audit and Control Association
ITU	International Telecommunication Union
KAIST	Korea Advanced Institute of Science and Technology
KIISE	Korean Institute of Information Scientists and Engineers
NASSCOM	Industry Association of medium to large Indian IT-BPO organisations
PD	Professional Development
PPP	Professional Partner Program
SAC	Standards and Accreditation Council
SEARCC	South East Asia Regional Computer Confederation
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organisation
WCC	World Computer Congress
WCF	World CIO Forum
WSIS	World Summit on the Information Society