The 2012 ICEC World Congress held in Durban, South Africa from 23-27 June was an outstanding success. The event was hosted by the Association of South African Quantity Surveyors (ASAQS) and supported by the South African Council for the Quantity Surveying Profession (SACQSP) and the South African Project Controls Institute (SAPCI). The Congress Director, Professor Rob Pearl, the Conference Steering Committee members (Basie Verster, Deon Vermeulen, Nic Bennett and Egon Wortmann), the Professional Conference Organiser (Turners Conferences & Conventions), the Congress sponsors and everyone else involved are to be congratulated on producing such a highly professional and successful event. Attendance at the event was excellent with a total of 21 countries represented making it a truly international event. The substantial attendance of African delegates was greatly appreciated by the organisers.

The Congress was preceded by ICEC Council meetings and meetings by the Africa Association of Quantity Surveyors (AAQS) and other Southern African professional organisations who provided support for the Congress by scheduling their meetings at the event.

The opening keynote session for the Congress was given by Mr Ong See Lian, Global President of the Royal Institution of Chartered Surveyors, who spoke on the pertinent topic of 'Responding to Challenges – The Need for Professional Standards. The technical programme commenced with a full range of technical "streams" with the keynote speaker for each session being a representative from one of the ICEC regions.

The outgoing ICEC Chairman, Mr Murtala Oladapo officially opened the congress, and officiated at the closing ceremony where the newly-appointed chairman, Mr Carsten Wredstrom addressed the gathering and officially closed the event.

(continued page 3)
ICCEC Office Holders 2012-2014

ICCEC Executive:

Carsten Wredstrom
Alexia Nalewaik
Chair
Senior Vice Chair

TT Cheung
Kwadwo Osei-Asante
Admin Vice Chair
Admin Vice Chair

Andrej Kerin
Dr Peter Smith
Tech Vice Chair
Secretary General

ICCEC Advisory Board Chair - Roger Batten
Immediate Past ICEC Chair - Murtala Oladapo

Regional Executive

ICCEC Region Directors

Region 1 – Angelo do Valle (Brazil)
Region 2 – Gianluca di Castri (Italy)
Region 2 Assistant Director – Alec Ray (UK)
Region 3 – Robert Pearl (South Africa)
Region 4 – Teo Wooi Sin (Singapore)

ICCEC Region Assistant Secretaries

Region 1 – Madhu Pillai (USA)
Region 2 – Martine Miny (France)
Region 3 – Egon Wortman (South Africa)
Region 4 – HH Kwan (Malaysia)
International Roundup News

ICEC 2012 World Congress - an Outstanding Success (cont’d)

An impressive array of speakers gave of their time and knowledge on a wide range of topics. The final programme comprised 54 papers, drawn from a total of 111 submissions. All papers were subjected to a rigorous two-stage peer review process, conducted under the direction of Prof. Basie Verster and a scientific and technical review committee. Two new innovations were introduced at this congress. Firstly, potential presenters, particularly those from industry that were inexperienced in this process were given assistance in compiling their paper presentations. Unfortunately, few practitioners availed themselves of this service. The other initiative was to encourage participation by young aspirant professionals, by inviting submissions from students at local universities. This proved particularly successful and the congress as a whole was enhanced by their participation, providing at the same time an opportunity for them to engage with the ICEC senior members. It is suggested that for future congresses, similar approaches be adopted, but ensuring that the spread of paper presentations be managed so as to reflect an acceptable balance between those from youthful participants, industry representatives, and members from established academic / scientific backgrounds.

In addition to formal presentations, workshops before and after the congress, offered delegates the opportunity of indulging in hands-on case studies and participatory sessions, in order to extend their knowledge base.

As is customary at congresses such as this, several awards were presented at the Gala Dinner by ICEC and ASAQS. Merit awards were presented by the ASAQS to Professors Basie Verster, Gaye le Roux and Rob Pearl for their contributions to the South African tertiary education sector. The Gold Medal (national student award) of the ASAQS was awarded to Ms Janita Petzer from the Nelson Mandela Metropolitan University, based in Port Elizabeth.

The Gala Dinner was a splendid affair with food, wine, regalia and company appropriate to such an international event. The evening's theme was 'Fire and Ice' and guests were entertained to exciting dance routines and pyrotechnic displays which appropriately reflected the multi-cultural aspect of the host city, Durban.

ICEC Chair, Murtala Oladapo, hands over the Chair position to Carsten Wredstrom
ICEC 2012 World Congress Photos

The following provide some photo snapshots of the Durban Congress

2012 ICEC Congress Organisers

Fire and Ice theme

ICEC Council Meeting Delegates

ICEC Congress Dinner Performers

Delegates at the ICEC World Congress
ICEC 2012 World Congress Photos

Newly Elected ICEC Chair, Carsten Wredstrom receives a gift from CECA president Madam Zhang

ICEC Council Meeting

ICEC 2012-14 Newly Elected Executive Officers

New ICEC Chair Address - Carsten

Congress Dinner

Professor Robert Pearl – Chair of Congress Organising Committee
ICEC Chair Report

ICEC adds value to you and your profession

I was, and still am, honored by being elected as the new chairman of ICEC for the next two year period of 2012 – 2014. I will do my best to serve ICEC and its member societies, and I am sure the other ICEC officeholders will do the same.

The recent ICEC World Congress in Durban is still in clear remembrance. A very well organized congress with a lot of interesting seminars and with 439 attendees. I was especially delighted by the large number of young professionals and university students that brought a lot of enthusiasm to the older attendees. This is the next generation of project professionals that will bring the profession to an even higher level than today!

With involvement in ICEC, it is possible to get input from all around the world to the continuous strategic development of the national association. ICEC is in such a unique position that it represents all various aspects of project execution from the professions of Project Management, Cost Engineering or Quantity Surveying. And furthermore, ICEC does not compete with other project organizations, as it is a network. This is unique as well, and ensures a reliable and free information stream between ICEC and its member organizations, as well as cooperation partners.

A bearing principle in the business plan of ICEC is to strengthen the visibility and relevance of ICEC for each member society. There is still a lot of potential to improve awareness of ICEC and knowledge of how ICEC can be a support in daily activities and long time strategic development.

This new governance structure of ICEC will provide more opportunities for member associations and their members to become officially involved in ICEC affairs, and will provide more specific roles/tasks for the current ICEC officers.

A part of that endeavor is to increase the number of office holders. These changes have been initiated and developed by the former Chair Mr. Murtala Oladapo. This includes changes to the structure of the ICEC Regional Executive that includes new positions of Deputy Regional Directors. This opens up opportunities for active individuals within member associations to take part in ICEC work.

This effort will likely bring further valuable input to services for the benefit of ICEC and the member organization. Taking part in ICEC work is an investment in yourselves and your own organization!

Another important part of the business plan is organic growth by increasing the number of member associations and cooperation agreements with other organization within the project world. In Durban a new agreement with the RICS (Royal Institution of Charted Surveyors) and an updated agreement with IPMA (International Project Management Association) were developed. We are looking forward to the cooperation with them together with the AAQS and PAQS that are solid partners with ICEC.

Many more initiatives will add value to your organization. A few of them include the development of a guideline for a certification scheme for Project Control/Cost Management, and the elaboration and utilization of the UN NGO status and many more interesting initiatives.

All in all, I am very optimistic about ICEC, and the further support of its member associations that basically is the whole purpose of ICEC.
ICEC Secretary General Report

2012 ICEC Council Meeting
The 38th Session of Council was convened on 24 June 2012 in Durban, South Africa in conjunction with the 8th ICEC World Congress. ICEC holds its Council meeting every 2 years in conjunction with the ICEC World Congresses which are also held on a biennial basis. This is supplemented by annual regional meetings in each of the 4 ICEC Regions (North/South America, Europe and Near East, Africa and the Asia Pacific). ICEC Chair Murtala Oladapo chaired the meeting with a total of 42 ICEC office holders and member association delegates/representatives attending the meeting. 20 member associations were represented at the meeting.

The Meeting Minutes and the Meeting Agenda Book and the ICEC Budget for 2012-14 can be found on the ICEC website at:

http://www.icoste.org/members/minutes/#more-48

ICEC New Governance Structure
A major outcome of the Council Meeting was the approval of a new ICEC Governance Structure that was proposed by ICEC Chair Murtala Oladapo after consultation with ICEC Executive members. Details of the new governance structure can be found in the Council Meeting Minutes and Meeting Agenda Book on the ICEC website (at the web address detailed above). The main features comprise:

- Changes to the specific roles/tasks for the ICEC Executive Officers (Chair, Senior Vice Chair, Administration Vice-Chairs, Technical Vice Chair, Secretary-Treasurer and Immediate Past Chair)
- Changes to the structure and role of the ICEC Advisory Committee (including a name change to ‘ICEC Advisory Board’)
- Changes to the structure of the ICEC Regional Executive that includes the new positions of Deputy Region Directors
- Changes to the structure of ICEC Committees that includes the establishment of 6 new committees (Executive, Membership Development, External Relations, Marketing, Standards and Professional Development, Academic Forums and Research and Nomination Committees)
- Changes to the ICEC Secretariat that includes the establishment of Regional and Zonal secretariats

ICEC Executive Officers for 2012-14
The ICEC Executive Officers for 2012-14 were elected at the Council Meeting. The new Executive is as follows:

Executive Officers
Chair - Carsten Wredstrom (Denmark)
Senior Vice Chair - Alexia Nalewaik (United States)
Admin Vice Chair - TT Cheung (Hong Kong)
Admin Vice Chair - Kwadwo Osei-Asante (Ghana)
Technical Vice Chair - Andrej Kerin (Slovenia)
Secretary General - Peter Smith (Australia)
Immediate Past Chair - Murtala Oladapo (Nigeria)

Regional Directors
Region 1 Director - José Angelo Valle (Brazil)
Region 2 Director - Gianluca di Castri (Italy)
Region 2 Assist Director - Alec Ray (United Kingdom)
Region 3 Director - Robert Pearl (South Africa)
Region 4 Director - Teoh Wooi Sin (Singapore)

Regional Assistant Secretaries
Region 1 Ass Secretary - Madhu Pillai (United States)
Region 2 Ass Secretary - Martine Miny (AFITEP - France)
Region 3 Ass Secretary - Egon Wortmann (South Africa)
Region 4 Ass Secretary - HH Kwan (RISM - Malaysia)

ICEC Advisory Board
Chair - Roger Batten (United Kingdom)
New Board Member - Adesh Jain (India)
New Board Member - Ong See Lian (Malaysia)

The new ICEC Governance Structure requires further nominations for new ICEC officer positions that have been created under this structure. These involve the positions of Deputy Region Directors. These positions should be filled by November 2012.
DISTINGUISHED INTERNATIONAL FELLOW (DIF) AWARD

The ICEC Distinguished International Fellow (DIF) award was introduced in 2002 and represents the highest honour that ICEC can bestow on an individual. It recognizes individuals who have made significant contributions to ICEC and to the association or institute of which they are a member for a period of years. The recipients must be nominated to receive the award by an ICEC member association or institute. They must:

1. Have held a significant volunteer position in both ICEC and a member association or institute;
2. Have had significant involvement over a period of several years in both ICEC and a member association or institute; and
3. Must have made a significant contribution to the development of the cost management profession.

The criteria is assessed at a very high level to preserve the eminence and prestige of the award. Previous DIF award winners can be found on the ICEC website at:

http://www.icoste.org/awards/icec-distinguished-international-fellow-dif-award/#more-316

The 2012 DIF Award Winners were:

Mr. Peter Cox - AIQS (Australia)
Mr. Ong See Lian - RISM (Malaysia)
Mr. Kwadwo Osei Asante - GhIS (Ghana)
Ms. Alexia Nalewaik - AACE (United States)
Mr. Teoh Wooi Sin - SISV (Singapore)
Mr. Gianluca di Castri - AICE (Italy)
Professor Robert Pearl - ASAQS (South Africa)
2012 ICEC CHAIR AND REGIONAL AWARD WINNERS
The following ICEC Chair and Regional Awards were also conferred at the Council Meeting:

Chairman’s Award: Alexia Nalewaik - AACE (United States)
Region 1 Award: Steve Revay - AACE (United States)
Region 2 Award: Gianluca di Castri - AICE (Italy)
Region 3 Award: Michael Frimpong (GhIS & AAQS – Ghana)
Region 4 Award: HH Kwan (RISM – Malaysia)
South American Award: Angelo do Valle

2012 KENNETH K. HUMPHREYS OUTSTANDING PAPER AWARD
The Kenneth K. Humphreys Outstanding Paper Award was introduced in 2008 in recognition of Dr. Humphreys’ service as ICEC Secretary-Treasurer from 1976 until 2006.

The award is available to students or young practitioners under 36 years of age and is based on papers prepared on topics related to Cost Engineering, Quantity Surveying and Project Management. One award can be given in each of these topic categories if papers are deemed to be of sufficient merit. Papers must be submitted by ICEC member associations.

QUANTITY SURVEYING AWARD
Michael Van Der Merwe (South Africa – ASAQS)
Paper Title: The Importance Of External Walls In Energy Efficiency Of Buildings

COST ENGINEERING AWARD
Yin Lin-Lin (China – CECA)
Paper Title: Economic Analysis Of Solar Photovoltaic Based On Life Cycle Costing

PROJECT MANAGEMENT AWARD
Ang Yu Qian (Singapore – SISV)
Paper Title: Benefits and ROI Of BIM For Multi-Disciplinary Project Management Certificates of Recognition were also awarded to the following for high quality papers:

Marcel Frei (New Zealand – NZIQS)
Chi Lin (China – CECA)
Sun Lu (China – CECA)
Jaco Pieterse (South Africa - ASAQS)
Lovro Krajnc (Slovenia – ZPM)

The award winning papers can be downloaded on the ICEC website at:
http://www.icoste.org/category/awards/

2012 ICEC Awards

Ken Humphreys Outstanding Quantity Surveyor Paper Award Winner, Michael Van Der Merwe, receiving his award from ICEC Chair Murtala Oladapo
The ICEC Jan Korevaar Outstanding Paper Award recognizes the best paper presented at each ICEC World Congress as evaluated by Congress delegates. The award was created in memory of Jan Korevaar, Executive Director of the Dutch Association of Cost Engineers and Assistant Secretary of ICEC for many years.

The 2012 Jan Korevaar Outstanding Paper Award for the best paper at the 2012 ICEC World Congress was awarded to: Aldo Dórea Mattos (AACE Brazil) for his co-authored paper "Management Challenges of Building a World Cup Stadium in Manaus, a city located in the rain forest and reached only by river or air.

The other co-authors for the award winning paper were: Carlos Henrique Lima, Gláucia Alves & José Grajeda Fernandes.

The full paper can be downloaded on the ICEC website at:

http://www.icoste.org/category/awards/

The following is an abstract of the paper:

PURPOSE OF THIS PAPER

The purpose of this paper is to present the management challenges of building the 44,000-seat Amazon Arena in Manaus, a city located in the rain forest and reached only by river or air.

DESIGN/METHODOLOGY/APPROACH

Upon showing the difficulties of working in an environment of complicate logistics and under extreme temperatures combined with high relative humidity of air and continuous rainfall, the authors approach the advanced cost engineering concepts employed by the general contractor to ensure satisfactory production rates and to meet the original tight schedule. Scope changes imposed by FIFA during the construction period — such as adherence to LEED energy efficiency requirements and adoption of new visibility parameters —, and many change orders arisen due to poor preliminary design forced the contractor to resort to a state-of-the-art method of measuring and improving productivities based on lean construction philosophy, as well as 4D BIM technology to monitor the progress of job.

FINDINGS

As a conclusion, the lean construction methodology proved to be efficient in such an audacious project, especially due to the large repetition of the precast concrete operations.
THE IMPORTANCE OF EXTERNAL WALLS IN ENERGY EFFICIENCY OF BUILDINGS

MICHAEL VAN DER MERWE1 (South Africa)

ABSTRACT

This paper identifies the importance of the external walls of a building for internal thermal comfort of occupants, thereby achieving energy efficiency within the building, which aids sustainability within the built environment. By identifying this important issue, the behaviour of the public could be swayed towards sustainable energy-efficient buildings. A structured questionnaire, comprising nine questions, was sent to 165 architect firms across South Africa. The subjects were asked to grade their responses on a Likert scale in order to tally the frequency of responses which were then converted into percentages. The results indicated that sustainability plays a role in the architects’ design and that they regard energy-efficiency building standards as important. Although the clients seldom request energy-efficiency advice for building design, the architects often advise their clients. Passive solar design and the type of external wall are important and necessary for energy efficiency and thermal comfort in a building, resulting in substantial energy saving. It was found that the perception of the public towards energy efficiency in buildings needs to be changed. This may be done by convincing the public of the importance and benefits of energy-efficient buildings by using external walls and passive solar design. Read the full paper at http://www.icoste.org/category/awards/

ECONOMIC ANALYSIS OF SOLAR PHOTOVOLTAIC BASED ON LIFE CYCLE COSTING

YIN LIN-LIN* (China)

ABSTRACT

Solar PV (Photovoltaic) power, which is sustainable – economically, environmentally and socially, is a commercially available and reliable technology with a significant potential for long-term growth in nearly all world regions, even if currently it needs relatively more investment especially for initial construction cost. A model for PV generation cost is established based on life cycle costing and a reasonable payback of investment. Then factors influencing the economy of PV power generating are discussed, such as the local solar resource, efficiency of PV system, technical lifetime of PV plant, price of PV modules and so on, most of which are improvable by technological innovation. On the basis above, on-grid price trends of PV power and thermal power are predicted, which comes to the conclusion that PV power generation will achieve competitiveness with the power grid retail prices in the next decade.

Read the full paper at http://www.icoste.org/category/awards/
BENEFITS AND ROI OF BIM FOR MULTI-DISCIPLINARY PROJECT MANAGEMENT

ANG YU QIAN (Singapore)

ABSTRACT

BIM is not a panacea for a lack of productivity, lack of experience or lack of knowledge. It is integral for a company to establish an efficient link between the core competencies of its practice and the use of BIM to derive benefits.

Building Information Modeling (BIM) is perceived as the next-generation solution to enhance productivity of stakeholders in the construction industry holistically and streamline the delivery process of buildings and structures. However, there is limited evidence showcasing the existence of frameworks or formulas for project managers to optimize the benefits and ROI of BIM. Researches demonstrating the benefits and ROI of BIM in the Singapore context are unavailable as well.

Project Management is the overall planning, coordination and control of a construction project from inception to completion, involving multi-disciplinary stakeholders from architects to quantity surveyors to contractors. This study focuses on the project- and company-level benefits as well as ROI of BIM implementations – particularly in the Singapore context. It analyzes how experience level and discipline of users will affect the derivation of BIM benefits and change in project management aspects of cost, schedule, quality and safety. Quantitative data was collated through a survey.

A questionnaire designed and sent out to international consultants and contractors operating in Singapore and the results were analyzed using various statistical instruments. Qualitative information describing the in-depth benefits of BIM was also studied through a multi-disciplinary case study. It was subsequently found and statistically proven that benefits derived from BIM are affected by users’ experience level and discipline.

To tackle the research problem identified, two models were proposed using the results of the findings. The first model is a self-assessment BIM Optimization Framework while the second is a formula to calculate the cash-flow, ROI and payback period for BIM implementations – to provide both objective and subjective evaluations. Recommendations are also made to local companies operating in the built environment.

Read the full paper at http://www.icoste.org/category/awards/
Preparing for the 2014 ICEC World Congress in Milano Italy

The 2014 ICEC World Congress will be held in Milano Italy from 21 -23 October and preparations are being made to ensure we have another comprehensive meeting for the Cost Engineering, Quantity Surveying and Project Management global community.

Distinctively cosmopolitan in character and with a population of just under two million people, Milan – the capital of Lombardy – is Italy’s second-largest city.

Not only the commercial capital of Italy, Milan is also a city of creativity, of new technologies, art and fashion.

Historical greats like Alessandro Manzoni and Leonardo da Vinci, renowned for their artistic brilliance, found inspiration there.

The artistic world of theatre and cinema is well served in Milan with the world famous and opulent La Scala di Milano opera house and its vast number of traditional and modern-day cinemas.

The Santa Maria delle Grazie, an important landmark and UNESCO world heritage site, is home to numerous Leonardo da Vinci paintings.

Its business district is host to the Italian Stock Exchange and headquarters of the largest national banks and multinational companies. The city is also recognised as a major world fashion and design capital.

The city hosts several cultural institutions and universities and is also known for international events and exhibitions like the Milan Fashion Week and the Milan Design Week, which is the largest of its kind in the World.
Preparing for the 2014 ICEC World Congress in Milano, Italy cont..

Proposed Calendar

**Saturday, 19.10.2014**
9.00 - 17.00 ICEC council meeting
21.00 ICEC Dinner

**Sunday, 20.10.2014**
9.00 - 13.00 ICEC council meeting
FREE afternoon
20.00 Welcome Cocktail

**Monday, 21.10.2014**
9.00 - 13.00 Plenary session
14.30 - 18.30 Plenary session

**Tuesday, 22.10.2014**
9.00—13.00 Stream session by Topic
14.30—18.30 Stream session by Topic
Gala Dinner

**Wednesday, 23.10.2014**
9.00—13.00 Stream sessions by Region
14.30—18.30 Italian Extension

*AICE – the Italian Association for Total Cost Management ICEC World Congress – Milano 2014*

**"THE VALUE OF BODY OF KNOWLEDGE ON PROJECT MANAGEMENT: THE EXCELLENCE FACTORS OF ICEC"**
Project Research for 2014 ICEC Congress - Milan, Italy

**The CORE item**
- Content Review
  - Fundamentals (common std)
  - Country based Vision (specific std)

**Towards**
- The ICEC Body of Knowledge (distinctive competencies)

**2010-2012**

**The Doubt!**
- The value of the body of knowledge: certification or validation?

**2010-2011**

**In depth! For stream**
- What ICT for which project?
- What ICT support to the body of knowledge?
- Education and competence centre: meaning and content!
- Services for certification and/or validation
- Role and influence of the project on quantitative methods
- Roles in enterprise affected by new Body of Knowledge
- ICEC Glossary
- ...

**2014**

**IMPACT ON**
- Person
- Enterprise
- Business network
- Social & economic environment
PAQS Congress - www.paqs2013.cn
Congress Organizer Introduction

Founded in 1990, China Engineering Cost Association, “CECA,” for short is a national social organization approved by the Ministry of Housing and Urban-Rural Development of People’s Republic of China and registered with the Ministry of Civil Affairs. China Engineering Cost Association became a full member of the Pacific Association of Quantity Surveyors (PAQS) and the International Cost Engineering Council (ICEC) in 2004 and 2007 respectively.

China’s construction cost industry, beginning to take shape after more than two decades’ development, has been playing a significant role in China’s reform and opening-up in the economic construction. At present, there are over 6,600 Grade A and Grade B engineering cost consulting enterprises throughout the country, providing cost management consulting services, and the total number of professionals engaged in engineering cost has exceeded 800,000, among which more than 100,000 are cost engineers, and more than 700,000 cost technician. These professionals are widely distributed in China’s construction units and departments, mainly engaged in design, bidding, construction, engineering cost consulting, engineering audit, engineering supervision and engineering management.

Congress Committee Leadership

- Chairperson: Mdm. Zhang Yunkuan
- Cochairman: Mr. Liu Can, Mr. Xu Longfa, Mr. Wu Zuomin
- Honorary adviser: Mr. T.T. Cheung, Dr. Anita Liu, Mr. Stephen Y.F. Lai

Information Dates

- 31 October 2012 Deadline for Abstract Submission
- 15 December 2012 Notification of Acceptance
- 15 February 2013 Final Submission of full paper
- 15 February 2013 End of Early Registration
- 18-21 May 2013 Congress Session
The Chartered Institution of Civil Engineering Surveyors is recognised as the foremost UK-based professional institution for specialists employed in geospatial engineering and commercial management in the civil engineering industry. CICES strives in all that it does to maintain and improve that position and is dedicated to the regulation, education and training of surveyors working within civil engineering. Its members have developed special skills ranging from an understanding of, and expertise in, the complexities of dimensional control to the specialist contractual knowledge necessary for the successful commercial management of civil engineering projects.

CICES began in 1969 as the Association of Surveyors in Civil Engineering and was incorporated in 1972. The organisation prides itself on its achievement as an internationally renowned centre of excellence in the art and science of civil engineering to serve the needs of the construction industry globally.

Since its conception, CICES has gone from strength to strength with an ever-increasing membership and is now a registered educational charity promoting the profession throughout the world. In 1992, CICES became the first associated institution of the Institution of Civil Engineers (ICE) and together formed two joint boards to provide and disseminate surveying knowledge and expertise; the Geospatial Engineering Board and Commercial Management Board. CICES also has reciprocal membership agreements in place with the ICE.

CICES is a full member of the International Federation of Surveyors (FIG), which provides the international voice of the surveying profession to influence policies and professional standards. FIG promotes the profession throughout the world and encourages research, education and training excellence.

CICES is also now a member of the International Cost Engineering Council (ICEC) who promotes international knowledge sharing in the fields of quantity surveying, cost engineering and project management.

For more information about CICES, visit their website at www.cices.org
ICEC - Book and Software Reviews

Reviews of publications about cost engineering, quantity surveying, and project management related subjects from around the world.

Associations and other publishers who wish a review of new books, CDs, or software related to cost engineering, quantity surveying, or project management to be included on this page should send desk copies, with pricing and ordering information to:

Dr Peter Smith  
ICEC Book Review Editor  
ICEC Secretary General  
c/o  
University of Technology Sydney  
PO Box 123  
Broadway NSW 2007  
AUSTRALIA

Email: peter.smith@uts.edu.au

ICEC Membership Benefits

The benefits enjoyed by associations and their members who become part of the ICEC member community are:

- Participation in a worldwide information network for exchange of Cost Engineering (CE), Quantity Surveying (QS), and Project Management (PM) information, queries & experiences
- Regional and worldwide congresses, meetings & seminars
- Promotion of standards for certification and continuing professional development programs worldwide
- Accreditation of certification and continuing professional development programs of member associations and reciprocal recognition of such accredited programs
- International promotion of member association congresses, symposia, and other technical events
- Sharing of technical journals and other publications with other ICEC member associations
- Right to reprint (with appropriate credit) articles appearing in the journals of other ICEC member associations
- Granting individual members of any ICEC association the rights and privileges of membership (excluding the right to vote or stand for elective office) while temporarily residing or working in the home country of another member association
- Promotion of co-operative research and technical activities among member associations
- A dedicated homepage on the ICEC website for each member association to promote their activities
- Development of international standards for terminology in CE, QS, and PM
- International promotion of member association publications
- International book reviews
- Worldwide communication for queries about technical matters by individual members of ICEC associations
- Development of beneficial relationships with other international coordinating bodies such as the International Project Management Association (IPMA), the Pacific Association of Quantity Surveyors (PAQS), the African Association of Quantity Surveyors (AAQS), and the International Federation of Surveyors (FIG);
- Fostering of networks between academics and universities engaged in CE, QS and PM education
- Joint development of position papers and reference documents of broad international interest.
ICEC online discussion forums

ICEC has two online ICEC discussion forums have been developed over the 2010-12 term.

‘Linkedin’ ICEC Discussion Site

Professor Gianluca di Castri, President of the ICEC member association AICE (Italian Association of Cost Management) has developed an ICEC Discussion Forum in ‘LinkedIn’ titled: ‘Total Cost Management – Project Controls - ICEC 2014 Group’. This discussion forum has now gained considerable momentum and provides a good vehicle for sharing information and discussing key issues. Anyone interested in becoming a member of this discussion forum can email Professor di Castri at gdc@ideaconsult.it.

AACE ICEC Discussion Forum

Steve Revay, Immediate Past President of AACE International has established an ICEC discussion forum on the AACE International website. Steve is also the ICEC delegate for the AACE International. This is a very positive development and will help to raise awareness of ICEC amongst AACE International individual members. The Discussion Forums on the AACE International website are very extensive covering a large number of topics relevant to the cost engineering field. They are generally very active and well supported. ICEC members are able to join and participate in most of these forums. They can be accessed on the AACE website at:

www.aacei.org/forums.

ICEC international cost management journal (ICMJ)

The ICEC International Cost Management Journal (ICMJ) was launched in 2008. The ICMJ is a peer reviewed on-line journal that features a collection of the best papers and articles that have been previously published in conference proceedings, symposia or journals produced by ICEC and ICEC member associations. It is a perpetual journal which allows papers to be submitted and included at any time. The ICMJ provides a great opportunity for ICEC member associations to acknowledge high quality contributions to their publications and conference proceedings. The journal effectively contains the ‘best of the best’ papers/articles published around the world by member associations. Delegates of member associations that do not produce a suitable publication may submit papers/articles published from other sources in their country accompanied by an appropriate copyright release form.

ICEC member associations are encouraged to nominate suitable papers for inclusion in the journal. Please note that the papers need to be of a high quality representing the ‘best of the best’ from your conference proceedings, journals and other publications. The refereeing process is to be done in the first instance by the member association. Non-English papers are welcome but must be accompanied by a detailed executive summary of the paper in English.

The ICMJ provides a unique and valuable asset to ICEC member associations and their individual members. It provides a single-source means of publishing high quality papers that have been produced worldwide in the fields of Cost Engineering, Quantity Surveying and Project Cost Management. The journal can be accessed at:


ICEC international standards

ICEC continues to develop its ‘Inventory of Best Practice and Standards’ - a listing of best practices and standards that have been developed in a variety of countries for project cost management. This includes documents developed by the member associations plus many independent standards prepared by other organizations. Peter Cox, the ICEC Chair, heads this development. The list includes standards from Australia, Canada, France, Germany, Hong Kong, Singapore, United Kingdom, the United States and South Africa as well as standards and best practices developed by the International Organization for Standardization (ISO), the International Project Management Organization (IPMA) and the Commission Electrotechnique Internationale (IEC).

The standards can be accessed at:

www.icoste.org/category/resources/

ICEC/RICS Memorandum of Co-operation

ICEC & the RICS have a Memorandum of Co-Operation (MOC) that was signed on 27 June 2012 during the 8th ICEC World Congress in Durban, South Africa. The MOC was signed by ICEC Chair, Murtala Oladapo, and RICS Global President, Ong See Lian.

Details of the MOC can be accessed at:

www.icoste.org/category/links/
Australia - New Markets and New Clients in Global Cost Management Projects

Who wouldn’t want the opportunity to expand their client base and service offerings?

Two professional cost management associations are collaborating, to the benefit of their cost management members. In a unique effort, the Association for the Advancement of Cost Engineering (AACE International) and the Australian Institute of Quantity Surveyors will be hosting a workshop to network while exploring the dynamic role of cost management in Australia, client perceptions, and needs that can be met by the unique skillsets of cost engineers (CE) and quantity surveyors (QS).

The mining boom in Australia has created challenges and opportunities to both Australian-based and international practitioners in the field of cost management. While QS professionals have not traditionally had extensive involvement in the mining, oil and gas industries, it does represent untapped potential for future work. The QS have demonstrated skills in the procurement, cost management, and contract administration of capital commercial projects; these skills are directly transferable to emerging global markets in many industries. In contrast, cost engineers have extensive portable skill and experience across the world in many commercial and industrial sectors, including mining and petrochemical.

By collaborating to create and market blended teams with both CE and QS skillsets, new doors can be opened in cost management and project controls.

The workshop will provide an opportunity for practitioners and owners to debate the synergy between the two different but similar professions, the state of the industry and need for more sophisticated cost and risk management, and approaches to marketing and branding cost management services.

In March 2013, in the mining state of Western Australia, the AIQS and AACE International will host a workshop in Perth. The one-day workshop will bring together these two important and allied professions, to the benefit of both CE and QS firms and their clientele. Why not be part of this significant event?

For more information contact: Anna Pappalardo on (613) 9654 5279 or email, secretariat@icoste.org.

USA - AACE International

AACE’S 2013 ANNUAL MEETING

TCM Blossoms in DC at the Marriott Wardman Park Washington, DC, USA

Sunday, June 30, 2013 thru to Wednesday, July 3, 2013

www.aacei.org/am
USA - AACE International Cost Management Conference

AACE International is holding an International Conference in November 14-15, 2012, at the Hyatt Regency Dubai; which will focus on areas related to Total Cost Management and Project Controls.

The 2012 International TCM Conference will be the first International conference sponsored by AACE International outside of North America and represents one of the several initiatives AACE International committed to as part of its strategic plan to expand our international benefits and services. This event is a strategic initiative for AACEI with its presence in 87 countries globally.

The conference will have insightful presentations and discussions on Project Controls, Total Cost Management, Project Planning, Change Management, Claims, Contract Administration, EPC Project Management etc. The two-day event will feature a keynote general session followed by two tracks of technical presentations based upon peer-reviewed papers. We anticipate delegates from Asia, Europe and Africa; drawn from the ranks of Project Managers, Project Controls Managers, Project Engineers, Planners & Schedulers, Estimators, Quantity Surveyors, Contract Administrators etc to attend. Twenty technical paper presentation, selected by AACE’s Technical Board, will be delivered over the two days.

The event will be attended by senior professionals from National & International Oil Companies, National & International EPC Companies, Project Management Consultants, Government Utility Companies, Ministries, Universities offering Masters in Project Management etc.

Registration for the meeting will cover access to the two-days of educational sessions in two tracks, two evening networking receptions, two breakfasts, two lunches plus coffee breaks and digital copies of all presentations and papers. Online registration for the meeting is open. All registrants will also receive Complementary Commemorative edition of “Total Cost Management Framework : An Integrated Approach to Portfolio, Program and Project Management”.

The following educational seminars are also lined up along with this conference.
- CCE/CCC Certification Review Course
- PSP Certification Review Course
- Project Controls from Owners Perspective
- Introduction to NEC Forms of Contracts
Dear Colleagues and friends,

I feel privileged to welcome you on behalf of FIG and the Nigerian Institution of Surveyors (NIS) to the 2013 FIG Working Week in Abuja, Nigeria. It is particularly exciting as we move into the final phase of our preparations which started immediately after the Eilat Working Week in Israel in May, 2009.

For about four years now, the 2,500 members of the Nigerian Institution of Surveyors who are in government, academia and the private sector, have all come together to ensure adequate support to the 2013 FIG Working Week. Nigeria has two other sister-members of FIG, i.e. The Nigerian Institute of Quantity Surveyors (NIQS) and the Nigeria Institution of Estate Surveyors and Valuers (NIESV) They have been working together with NIS. The level of preparedness is such that I can assure all, especially those that are visiting Nigeria for the first time; that it will be a hitch free and memorable occasion.

The city of Abuja, is the new capital of Nigeria. It took over from the coastal city of Lagos in 1989. Abuja will be experiencing cooler weather in May as it is the beginning of the raining season. The International Conference Centre (ICC) Abuja is the Conference venue. It is situated within the Central Business District. The Conference Hotel is the Nicon Luxury Hotel, located very close to the (ICC) for added convenience.

The theme, “Environment for Sustainability” is apt. Once again FIG has created a conducive atmosphere for the sharing of ideas that will certainly move the Surveying Profession to the next level. When we meet and share experiences on issues, it allows others to arrive at solutions to their local problems.

I wish to invite all members to the 2013 FIG Working Week in Abuja, Nigeria. It promises to be technically rewarding and socially enjoyable. Keep visiting the site and be up to date with news on Abuja 2013.

Surv. (Hon) Bode Adeaga, fnis
NIS President

**SLOVENIA - ZPM Project Forum 2012**

The ZPM Project Forum is the traditional, annual Slovenian conference on project management. The main purpose of the Forum is to exchange knowledge and experience between participants from Universities institutes, companies and other organizations, to make new business contacts and to strengthen the project management profession. This year, the conference took place on May 16-17 in the hotel Terme in Zreče. The conference was attended by 76 participants - project managers, professors, managers, project management trainers, students and others.

The title of the Forum was “Networking of Networks” The conference examined successful networking in the execution of projects, networking among companies and other organizations in order to achieve the goals of their projects, the use of networking tools and reports of news in theory and the practice of project management. The Forum was opened M. Sc. Boris Podvršnik the mayor of Zreče Community, followed by plenary speaker Gorazd Korošec, CEO of Corporation UNIOR. This year the traditional round-table was moderated by Dr. Anton Hauc, the first president of ZPM and we hosted five guests: Gorazd Korošec, CEO of the corporation UNIOR d. d., Aleš Hauc CEO of the Bank NKBM, Mihael Cigler president of 1464 the Slovenian Lobists Association, Urša Zgojnik the project manager of the ecological project Let us clean Slovenia and, Zdravko Počivalšek, president of the Slovenian tourist association and CEO of company Terme Olimia.

The goal of the round table was to discuss the influence of networking on the success of projects and companies and other organizations. The conversation was very interesting and the presentation of the different approaches and views of people leading and managing prosperous projects and businesses exceeded the goal of the table in a positive sense. Prior to the conference there was a traditional free two hour’s lecture on project management topics prepared by Dr. Aljaž Stare, the past president of ZPM and author of the new book “Project management published in Slovenian language.

The ZPM Project Forum 2012 was organized in four streams:

- Networking of networks
- Development of Project management profession
- Project management best practice cases
- Project management best practice cases – Young project Managers
On 6 December the DACE Contact Meeting will be held in ‘The Soesterduinen’ in Soest.

The theme of the meeting is “Cost Estimating / Engineering Tools”.

What are the latest developments of Cost Estimating Tools for estimating the investment at an early stage of projects in the process industry and civil sector?

The experts at Brink Groep (IBIS-CALC), Aspen Technology (Aspen Capital Cost Estimator) and Shell (own Capital Cost Estimating Tool) will give you an insight into the current and future possibilities of their Estimating Tools.

Estimating costs is an increasingly important part in making decisions about a project. Using IBIS-CALC you are able to cost estimate from the early design stage to the final implementation, from global to detailed. With a possibility at each stage the risks in terms of cost mapping. By connecting with specialized packages such as SSK, Crystal Ball and Navision, IBIS-CALC is an indispensable part in the process of expert costs.

Aspentech: Creating Flexible Model Based Estimates

Aspen Capital Cost Estimator (ACCE) is an engineering and estimating software tool for the Chemical Process Industries That Allows estimators snel to create model-based estimates. Estimates That Are created by ACCE are Easily scalable to different plant capacities and Easily relocated to various locations where project design would be modified. Estimators can start with a Class 4 equipment based estimate and Easily update details to create a Class 3 Authorization Estimate.

Shell: Capital Cost Estimating Tool

Achieving first quartile performance in the current oil and gas industrial environment is challenging. The ability to make the right decision fast and accurate in the early phases of a project becomes evidently more important. The Capital Cost Estimating Tool is capable of providing project estimates Even when minimal information is known. By Means of mathematical models Describing engineering scope, quantities are Calculated. A framework for cost calculations provides an end-to-end approach to estimate project cost. To make a booking, go to

www.dace.nl/aanmelden-seminar%20 or e-mail info@dace.nl .

THE ASSOCIATION OF COST ENGINEERS CONFERENCE 2012 ‘COST MATTERS’

Holiday Inn - Coventry South, CV8 3DY, Coventry, UK

8 November 2012
http://www.acoste.org.uk

The theme of the one day ACostE 2012 conference focuses on ‘Cost Matters’.

The conference aims at specialists in Cost Engineering, Project Control, Estimation, Cost/Schedule Control, Project and Programme Management.

All of our specialties are well provided for in the morning programme with presentations for example on key aspects of programme and portfolio management, value trade-offs and the cost of long term digital preservation. In the afternoon we have a varied choice of workshops providing opportunities to gain knowledge of leading change effectively, understanding cost modelling in the manufacturing process, learning about ACostE Tiered Accreditation & Company Accreditation and “unlocking the power of the humble moving average”.

There will also be opportunities for networking and visiting our trade stands during the day.

If you have any questions please contact Anne Fairless at our ACostE office: +44(0)1270764798 or via e-mail to anne@acoste.org.uk.

LAUNCHING CEREMONY OF THE 10TH ICEC WORLD CONGRESS

The Brazilian Institute Cost Engineering was elected by the ICEC (International Cost Engineering Council) to be the headquarter in 2016, in Rio de Janeiro city, of the 10th World Congress of Cost Engineering and has the gratification to invite you to this Ceremony and Cocktail of Launch and introduction of the organizing committee.

Date: 7th November
Time: 19.00
Address: Clube de Engenharia RJ – 24º andar
Avenida Rio Branco, 124 – Centro – Rio de Janeiro/RJ
ICEC’s International Network

Founded in 1976, the International Cost Engineering Council (ICEC) is a not for profit organisation that promotes cooperation between national and multinational cost engineering, quantity surveying and project management organisations around the globe.

ICEC member organisations or “societies” are located in more than 40 countries, and have chapters or sections in other countries. Collectively, ICEC members total 120,000 in more than 120 different nations.

Delegates from each member society attend regular meetings where subjects of common interests are discussed and explored. Each member society has one vote on the Council.

International Framework

ICEC is a global group of cost engineering, quantity surveying and project management societies which acts to promote worldwide exchange of project cost management information and experiences. The organisation is divided into geographical regions, namely:

Region 1 North and South America;
Region 2 Europe and the Near East;
Region 3 Africa; and
Region 4 Asia Pacific.

A Region Director is appointed to oversee ICEC’s activities within each region. Through our regional structure, and as an organisation as a whole, ICEC endeavours to:

• Encourage the conduct of regional and worldwide congresses, meetings, forums, and seminars;
• Promote co-operative research and technical activities among the member societies;
• Promote development of standards for accreditation and recognition of cost engineering (CE), quantity surveying (QS) and project management certification programs offered by the member societies;
• Encourage national and international networking among the members of all ICEC societies; and
• Develop international standards for terminology in CE, QS and project management of regional and worldwide congresses, meetings, forums, and seminars;
• Promote co-operative research and technical activities among the member societies;
• Promote development of standards for accreditation and recognition of cost engineering (CE), quantity surveying (QS) and project management certification programs offered by the member societies;
• Encourage national and international networking among the members of all ICEC societies; and
• Develop international standards for terminology in CE, QS and project management.

ICEC’s Accredited Certification & CPD Program

ICEC Member Associations may seek ICEC accreditation of Cost Engineering, Quantity Surveying, and Project Management certification and continuing professional development programs (CPD), provided that these programs meet ICEC’s standards for recognition.

People qualified under any of these accredited programs are entitled to use the International Cost Engineering Council name and logo and the post-nominals ICECA to designate their achievement.

In order to obtain ICEC accreditation for Project Management programs, the applicant organization must demonstrate that their programs fully meet the standards adopted by the International Project Management Association (IPMA).

For further details please refer to the ICEC website at:
http://www.icoste.org/accred.htm

ICEC Member associations desiring accreditation of certification and continuing professional development programs may apply on-line. Member association should address any questions to Peter Smith, ICEC Secretary-General.