



International Federation of Consulting Engineers
The Global Voice of Consulting Engineers



ANNUAL
REPORT

**2016
2017**



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Message from the FIDIC President

The Journey of the Flame

It is truly hard to believe how quickly a year has passed and that I am writing this message to the FIDIC community as I prepare to transition to immediate past president. It was certainly a busy year, which is probably why it passed in a blink of an eye.

Serving as FIDIC president during the past two years has been a distinct honour. I find myself in awe of the time our individual members devote to advancing the global engineering consulting industry and best practices, and giving back to our profession. I am inspired by the sheer energy, drive, and determination displayed by so many in various volunteer roles across the organization. As evidenced by the incredible variety of projects undertaken during my presidency, FIDIC is the epitome of a truly member driven organization. I am extremely proud of what we have collectively achieved over the past two years.

As you may remember from my message in last year's Annual Report, I have compared the FIDIC Presidency to an Olympic Torch Relay. A single runner takes the torch from his/her predecessor and, with a commitment to the expectations represented by the torch, he/she fulfils his/her duty by running the segment of the relay before passing the torch to the next runner. I received the presidency torch from Pablo Bueno of Spain at the FIDIC 2015 International Infrastructure Conference in Dubai, with high anticipation of bringing much needed changes to FIDIC.

This segment of the relay has been an exciting one, albeit rough. Yet I am proud to say that I have run this relay to the best of my ability and that I am pleased to pass this honourable torch to a very qualified successor, Alain Bentéjac of France. I am confident that FIDIC will thrive under Alain's leadership, and there is no doubt that our good community will cheer him on and support him throughout the relay as they have done for me in both good and bad times.

Industry Trends

We all recognize that time seems to be moving faster than the speed of light. Perhaps it is due to rapid development of the ever-changing world of technology, or maybe it is caused by our increasing awareness of a global community. I remember the days when we had to turn on the evening news or read the morning newspaper, but now everything seems to be just a tweet away. That pace also resembles the changing trends in the consulting engineering industry today. A lot of changes are happening at a global level and technology is accelerating the infrastructure agenda.

The new realities – virtual and augmented reality (VR/AR) are revolutionizing the consulting engineering industry. VR enables designers and engineers to create 3D digital models of particular projects and explore them as if they were real. What's more, engineers and architects in different locations can share

the same models simultaneously thereby significantly improving efficiency and enabling effective collaboration throughout the design process. AR is an additive, overlaying digital content onto the real world and it is intended to help people more efficiently interpret digital information. This technology, together with 3D models and handheld devices, can help construction site operators, engineers and maintenance technicians to better understand advanced modeling data and work in a more intuitive way than they might with paper or electronic manuals.

In the last decade, our industry has seen a fluctuation of merger & acquisition (M&A) activities. Statistics show that the volume of M&A deals in the engineering and construction industry has dropped since 2014. However, it is starting to bounce back again as companies are facing pressures from their stakeholders to continue creating value. Through consolidation, firms are able to expand employee base, a geographic springboard and obtain broader mix of skills. Recently, we heard that the Jacobs Engineering Group has reached agreement to acquire its fellow American firm, CH2M Hill in a US\$ 3.27 billion deal, thereby creating a premier US\$ 15 billion annual revenue global company to rival AECOM in size at US\$ 17 billion. M&A activities are also occurring across the globe. An example of this is Nippon Koei of Japan's acquisition of the British design firm, BDP in early 2016. M&A activities, both large and small, are changing the landscape of our industry and reshaping the market.

FIDIC Initiatives

During the course of my tenure as president, the Executive Committee worked diligently on various projects to ensure a sustainable future for FIDIC. There are a few noteworthy initiatives that illustrate FIDIC's forward-looking agenda.

First, the Executive Committee has been working tirelessly on a new strategic plan which will be introduced at the annual conference in Jakarta. Five major themes of the new strategic plan include: 1) leading the consulting engineering industry visibly and effectively; 2) FIDIC's position in the overall construction sector; 3) connecting and supporting our membership more effectively; 4) adapting and improving the governance of the Federation; and 5) innovating the way the FIDIC Secretariat operates to be more effective and efficient.

Second, to achieve the abovementioned strategic plan, the Executive Committee has been looking into restructuring the operation of FIDIC to reduce costs while improving its capacity and capability. In addition, at the beginning of a new year, we are also preparing to enter a new era. I had communicated to the FIDIC community in July that Enrico Vink's current contract as FIDIC Managing Director will expire at the end of this year, and will not be renewed so I would like to take this opportunity to acknowledge Enrico for his dedication to FIDIC, as he has served this organization for 13 years. The Executive Committee

is very proud and grateful for the achievements accomplished under his leadership over the past decade, and we wish him the best in his future endeavors.

Finally, I am pleased to announce that a FIDIC Corporate Governance Framework has been developed to assist the Executive Committee and the Secretariat to execute their responsibilities more proficiently. With this framework in place, we will continue to strengthen corporate governance as the foundation of sustainable growth and development.

Significant progress has been made on all fronts in a very short period of time thanks to the efforts of many people. Of course, the ultimate impact will depend on what is done to put these initiatives into practice, but I truly believe that the next president will work actively with the FIDIC community to make sure that the promise of the new reforms is fully realized.

FIDIC Year in Review

One of FIDIC's invaluable assets is its network of over a hundred Member Associations and Affiliate Members across the globe. Therefore, networking has continued to be a primary focus for FIDIC. I believe that no matter where you are in your career, having a trusted professional network is paramount. The annual FIDIC conference and several events and programs offered in 2016-17 set the stage for optimum network-building. Members from all over the world could connect, engage and exchange with peers to keep pace with developments in the consulting engineering industry and to seek viable solutions to their professional challenges.

This year has been a tremendously successful year for FIDIC as we launched our very first Young Professionals Awards at the 2016 FIDIC Conference in Marrakesh. This program enables us to acknowledge and celebrate the achievements of our future leaders, which in turn help lift and advance FIDIC to international prominence. For those individuals who look to FIDIC for education and training in contract conditions and industry best practice, a number of training programs and events have been held throughout the year. In particular, FIDIC, CNAEC and the Beijing University celebrated the completion of the first phase of the FIDIC Certified Consulting Engineer (FCCE) Pilot Program in November of 2016. FIDIC awarded certificates to 512 Chinese engineers who had gone through the training program and passed the examination to be recognized as FIDIC Certified Consulting Engineers. This was a major milestone in both FIDIC and CNAEC's commitment to foster the development of the consulting engineering industry in China and enhance international competitiveness, as the country assumes its position as one of the major players in global infrastructure development. The Executive Committee is currently assessing the result of this pilot program and if deemed successful, I hope it will serve as a catalyst to further FIDIC education, training and certification in other parts of the world.

Finally, I am pleased to announce the release of the first fully harmonized suite of services agreement by FIDIC, the 2017 suite of 1) The Clients/Consultants Model Services Agreement (White Book); 2) The Sub-Consultancy Model Agreement; and 3) The Consortium (Joint Venture) Model Agreement. I would like to especially acknowledge our hard-working Contract Committee and Task Groups and note that this is the first time FIDIC has managed to release an updated and fully harmonized suite of these three publications. Additionally, the updated edition of the Rainbow Suite is in the works and may be released at the end of the year. Our work in the area of advocacy remained strong throughout the year as well, with particular key advancements made in the sustainable infrastructure arena. In the pages that follow, you will learn more about the remarkable work that FIDIC members led, or contributed to, in greater detail.

Moving Forward, Together

We have so much to celebrate and to be thankful for here at FIDIC. Meanwhile, as FIDIC transitions to its next President, the good and noble work of our organization continues unabated. There is much to be accomplished together in the months ahead. In this, my last annual report as FIDIC President, I can say with total conviction that it is the member associations of FIDIC, their firms and employees who make this such a wonderful community. They are so extraordinarily prepared to unfold a stunning new chapter in the life of this great organization.

As I wind down my activities as president, I want to personally thank all of you who supported FIDIC in various ways. Serving as your president has been one of the most rewarding experiences of my professional career. Thank you for your membership in and support of FIDIC. Please know that you and your contributions are extremely valued.



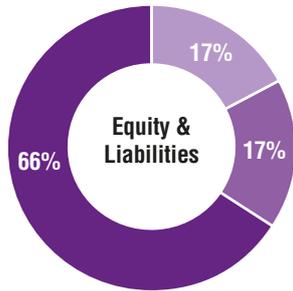
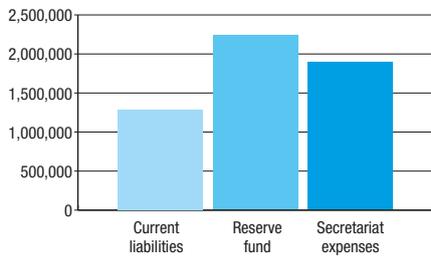
Jae Wan Lee, FIDIC President



Treasurer's Report

Fiscal year 2016

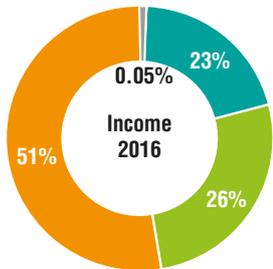
The FIDIC accounts for the year to December 2016 show an operating surplus of CHF 384,840 compared to a budgeted surplus of 160,000. This reflects an improved situation with regard to the FIDIC International Conference, and the positive results of the special FIDIC training programme in China. Costs were reduced in some areas, but the overall results were stable, other than the extraordinary items. The expenditure does include an initial payment for consulting fees related to the project "Restructuring of FIDIC Operation".



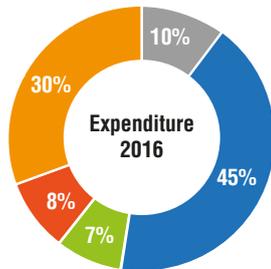
■ Reserve fund ■ Other liabilities ■ Deferred income

Income and Expenditure

Income from subscriptions was lower than budgeted, reflecting the difficult economic situation in some countries, and the impact this has had on membership.



■ Events ■ Publications ■ Committee expenses
■ Secretariat expenses ■ Other ■ Subscriptions



Tighter management of the FIDIC conference helped to reduce costs, and increased revenues from strong attendance.

The Statement of Financial Performance reflects a combination of continued growth in online and offline training events, offset partially by a lack of new documents, and stability in the membership.

Balance Sheet

At the end of 2016 the balance sheet remained strong, and reserves are within the FIDIC Executive Committee guidelines to maintain cash assets equivalent to the Federation's liabilities in the event of winding up. This is also approximately equivalent to the secretariat expenses for one year.

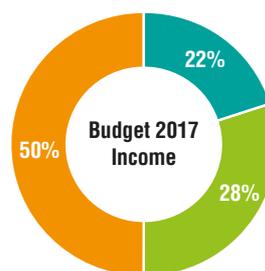
Thanks to a decrease in outstanding debtors (on subscriptions, publications and seminars) the provision for bad debtors was reduced once more. In addition, the current liability was significantly reduced. Changes in VAT Swiss law allowed FIDIC to claw back almost all VAT paid in Switzerland.

Year to date and 2018

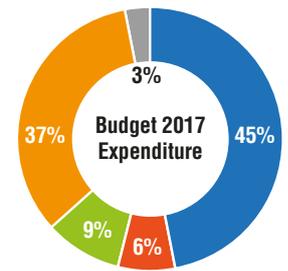
At mid-year 2017 income is steady, despite the reduced document sales, offset by continued strong demand in training.

The budget proposed for 2018 reflects the proposal to relocate the FIDIC operations to a lower cost centre in order to facilitate more sustainable growth, to enhance member benefits, and to reduce operating costs. The overall budget for 2017 and 2018 will result in a deficit. However, excluding the one-time extraordinary investment for the project "Restructuring of FIDIC Operation" we are looking at a balanced budget.

The planned launch of new FIDIC contracts is expected to increase document sales, and also the demand for FIDIC training.



■ Events ■ Publications ■ Committee expenses
■ Secretariat expenses ■ Other expenses ■ Subscriptions



FIDIC cash assets continue to be held predominantly in conservative fiduciary deposits, in a mixture of currencies.

The Executive Committee recommends no further change to membership fees and notes that the budget forecasts a planned deficit for both the 2017 and 2018 financial years.

Dr Bernd Kordes, FIDIC Treasurer



Managing Director's Report

A Thank You to All

A crystal ball would make life much easier for many of us. Hellas, we are not machines. We are human beings, and rely more on lessons learned, on training and experience, plus the support of many others, to forge a career that offers value – to one's employers; to one's colleagues; and to oneself.

As I reflect back on some 27 years as an Association Executive for the Consulting Engineering industry (half of these with FIDIC), I am reminded daily that this is essentially a people business. I am constantly amazed and in awe of the many volunteers who I have had the pleasure of working with, and who have assisted me so often in achieving what has been accomplished. FIDIC, as a "Not-for-Profit" people-based organisation, can rightfully be proud of its rich history going back over 100 years. The history book of FIDIC (now available online) is full of people who have offered so much of themselves to improving the value of the consulting engineer and all those who make up this wonderful industry.

Numbers are also important when it comes to running a successful business, and it needs to be acknowledged that many of the products and services developed by FIDIC through its volunteers are there to help improve the bottom line. Getting that message across is not always easy. However, it has been proven many times that, when numbers take priority over people, especially in a people business, then that business will inevitably suffer. At the end of the day, the consulting engineering business is all about understanding what people have to offer, and how this has value. Why else set up committees and task groups to develop guidelines on procurement; on risk management; on sustainability management; on integrity management? This is about understanding and defining the specialist qualities and skills of the individuals – the consultants – who aim to "sell" these services to clients, and to the public, and even to politicians.

Unfortunately, as human beings, we can often be led astray by other things, which can prevent us from doing the right thing. Even the well intentioned can be distracted by personal gain. And nobody wants to admit making a mistake, even if it might be the right thing to do. Stepping back to reflect, and fix things, takes courage and commitment, and also the support of others. It is people that make this industry, and this federation what it is – the brands that have been created, and respected, and valued – but not without struggle. Many people now benefit from the FIDIC brand, and this can contribute to such distractions, that can divert one from the proper course.

The revised Strategic Plan being presented in Jakarta also reflects on the Intellectual Property of FIDIC, and what I refer to as the urgent need for a Define and Defend policy – what exactly does FIDIC IP mean? How can this be better protected? There are now so many who believe that FIDIC is an altruistic and benevolent organisation, developing what it does for everyone to use as they wish. This is fundamentally wrong, and needs to be fixed, otherwise the brand that has made FIDIC so powerful and respected, will come under further threat.

Small wonder that so much attention has gone lately into reviewing FIDIC's policies and procedures related to licence agreements to use and modify contracts; using FIDIC material for other activities, including education and training courses; authorising the use of the FIDIC logo and other branding; taking to task those who claim to be FIDIC trainers or adjudicators or experts, without FIDIC endorsements or acknowledgement. The time has come for FIDIC to stand firm in the face of increased competition, so that it can position itself even more strongly in the marketplace, and offer greater value to its members and to society. We all need to remind ourselves that this industry, more so than any other, is responsible for our Quality of Life. I owe a huge debt of gratitude to those hundreds of people from all parts of the world who have enriched my life, and enabled me to represent the voice of the consulting engineering industry. I salute you, and wish you well, as I take my leave.

A handwritten signature in black ink, which appears to read "Enrico Vink". The signature is fluid and cursive.

Enrico Vink, FIDIC Managing Director

FIDIC Executive Committee

Jae-Wan Lee, South Korea (President)
Alain Bentéjac, France (President-Elect)
Moncef Ziani, Morocco (Vice President)
Bernd Kordes, Germany (Treasurer)
Anthony Barry, Australia

William Howard, United States of America
Reyes Juárez del Angel, Mexico
Kiran Kapila, India
Aisha Nadar, Sweden
Enrico Vink, (FIDIC Managing Director)

The committee met on four occasions during the 2016/17 period, in London (November 2016), Washington (Feb 2017), Berlin (May 2017) and Geneva (July 2017).

In Washington and Berlin, the EC exchanged views on key issues impacting on the industry with members of ACEC (the FIDIC member association in the USA) and with VBI (the German member association) respectively. Key issues included the impact of Mergers & Acquisitions; financing options for infrastructure; procurement issues; resources for consulting firms; capacity building; FIDIC contracts; dealing with corruption

and sustainability issues. Updates were also provided on FIDIC governance reforms and the planned relocation of FIDIC services.

In addition to board duties, EC members were also engaged in regional issues, visiting a number of member associations; participating in conferences and seminars; and liaising with nominated committees. FIDIC Members are encouraged to liaise with EC members on a regular basis to share and exchange information.

FIDIC Risk & Quality Committee

Risk Committee Membership

S. Jenkins, New Zealand (Chair)
S. Bamforth, UK
M. Hohberg, Switzerland
M. Kothari, USA
T. Kurashige, Japan
K.A.J. Lonsdale, UK
M. Padayachee, South Africa

C. Cotovelea, Romania
J. Albtoush, Jordan (YP)
W. Painsi, Austria
S. de Klerk, South Africa
U. Sassarsson, Denmark (EFCA)
R. Juarez, Mexico (EC Liaison)
E. Vink (FIDIC Liaison)

The risk committee has worked in a cross-committee task group to assess the state of BIM in the market and the risks, liabilities and opportunities that are inherent in what is a new way of working for the construction industry.

The initial thrust of investigations was to determine the risks associated with professional liability. However, as the detail of the use of BIM and the true level of usage became clear the committee and the cross-committee task group felt that at the moment, provided there was a clear understanding of the processes associated with working in a BIM structured project, the risks and the contractual environment were not significantly changed.

Considerable effort was put into the refinement of the presentations from the last conference through further consultation to bring as much current practice as possible into consideration and, with the help of the Japanese MA, a broader international perspective was also gained. The conclusion is that the current contract procedures and insurance arrangements are likely to be adequate for some time provided care is taken to understand the execution processes. An introductory note for the FIDIC contract documents has been prepared by the cross-committee task group to assist in this.

Quality TG Members

W. Painsi, Austria, (Chair and ISO 9001 representative)
S. de Klerk, South Africa (ISO Rep)
D. Baguley, New Zealand

A. Ezrakhovich, Australia
M. Hohberg, Switzerland
E. Vink (FIDIC Liaison)

The Application Guide Task Group completed its work, and the new FIDIC Quality Management Guide to ISO 9000-2015 was published in June 2017.

In the history of the Quality Management Guide, published by FIDIC, this was the second update of the Guide. In 1997 FIDIC and EFCA issued the first Guide. The Guide was first time updated in 2001 to reflect requirements of ISO 9001:2000. Substantial changes were made from the manufacturing-oriented 1994 edition of the Standard with its 20 "quality elements" to the "process-based" 2000 edition.

The primary purpose of this new Guide to the Interpretation and Application of the ISO 9001:2015 Standard for the Consulting Engineering Industry is to provide advice appropriate to our industry for applying ISO 9001:2015 requirements in a Quality Management

System (QMS). The Guide aims to facilitate the understanding of the ISO 9001:2015 International Standard by members of our industry.

It should be noted that certifications to ISO 9001:2008 become invalid on 14 September 2018.

FIDIC would be pleased to receive feedback from the users of the Guide on its usefulness and areas for improvement. Comments and suggestions for improvements should be forwarded to the FIDIC or EFCA secretariats.

The future steps for the next revision of the ISO 9001 Standard are already planned and future improvement for the next revision has started in the working groups. Let's see, if ISO keep the 7 year cycle with the next revision of the ISO 9001 Standard.

FIDIC Integrity Management Committee

J. Díaz Padilla, Mexico (Chair)
M. E. Abdel Rahman, Sudan
M. Azizi, Iran
M. de Chiara, USA
B. Gilliot, Belgium
L. Luobing, China

J. Ritchie, Canada
A. Haj Stifi, Germany
R. Stump, USA
P. Oortwijn, The Netherlands (EFCA)
Jae-Wan Lee (FIDIC EC Liaison)
Bernd Kordes, Germany (FIDIC EC Liaison)

Promotion of FIDIC's Guidelines for Integrity Management in the Consulting Industry (FIMS)

At the FIDIC International Contract Users' Conference held in London promotion of the FIMS Guidelines continued as a major priority for the IMC.

In November, the Chair of the IMC was invited to participate in an expert workshop organized by the World Economic Forum "Building Foundations for Trust and Integrity" that included an expert opinion survey and a workshop in Mexico City: "Partnering Against Corruption Initiative Infrastructure and Urban Development Industries."

As a follow up to a FIMS presentation regarding public procurement practices for the New International Airport in Mexico City, the OECD invited FIDIC to attend a workshop on integrity and transparency in the context of the on-going OECD Reviews for this mega project.

In December FIDIC met with members of the EBRD's Office of the Chief Compliance Officer in its London headquarters where FIMS and the FIDIC Representative Agreement were discussed. The EBRD has sponsored several integrity related seminars for stakeholder groups in Europe, with FIDIC support.

IMC contribution to Review of the UNECE "Zero Tolerance to Corruption in PPPs"

The IMC participated in a comprehensive review of the draft standard

for zero tolerance approach to corruption in the procurement process of Public-Private Partnerships (PPPs). Comments from FIDIC were sent to the UNECE regarding major corruption risks in this type of contracting, in particular during the tender evaluation stage.

FIDIC's interpretation and application of the ISO Anti-Bribery Standard (ISO 37001)

FIDIC participated as a liaison organization during the drafting of the ISO 37001 Anti-Bribery Standard which was approved in June 2016 and complements FIDIC's integrity management system, in particular for the developing of compliance programs required by firms exposed to strict anti-corruption legislation.

FIDIC has received inquiries from some MAs regarding the new ISO Anti Bribery Standard and its linkages to FIMS; also, the WFEO (World Federation of Engineering Organisations) is keen to begin training so that firms implementing FIMS as an initial step could develop a compliance system according to the ISO Standard that, if required, could be certifiable.

For that purpose, the IMC organized a Task Group, chaired by Richard Stump, with the charge to draft a Guide to the Interpretation of the ISO 37001 Standard for the Consulting Engineering Industry, to provide advice to the members of our industry for understanding and applying the Standard's requirements and to describe how to build a compliance programme based on FIMS and linked to the ISO Standard.

FIDIC Contracts Committee

Z. Záhonyi, Hungary (Chair)
C. Theune, Germany
S. Fahey, Ireland
D. Barry, Ireland
P. Zeier, Poland (EFCA)
V. Leloup, France
M. Roberts, UK

N. Bunni, Ireland (Special Advisor)
A.-V. Jaeger, Germany (Special Advisor)
C. R. Seppala, France (Legal Advisor)
C. Wade, UK (Special Advisor)
W. Howard, USA (FIDIC EC Liaison)
Aisha Nadar, Sweden (FIDIC EC Liaison)

The Contracts Committee was very active during the year as summarised by the many projects below:

The CC also continued to support and manage contract users conferences (regional ones and the annual international conference held in London, in early December each year). The committee also supported training activities, IFI relations, dispute resolution initiatives and other activities.

One of the most important Contracts Committee activities was the updating of contract forms and the development of new ones. These activities required substantial effort from many volunteers, to whom FIDIC offers sincere thanks. Currently, the following Task Groups are in operation (or just have finished their activity, typically by release of new, or updated documents):

TG4 Consultancy Agreements [Client-Consultant, Sub-Consultancy and Joint Venture] (M. Roberts, V. Leloup, J.C.M Bueno, U. Sassarsson, J. Gessel, A. Jäger, P. Jenkinson and Dr. S. Hök.)

The suite of the three Agreements was launched in Abu Dhabi, in February 2017 (FIDIC Middle East Contract Users' Conference). Currently an Agreement Guide (covering all the three releases) is

being drafted.

TG6 Update of 1999 Red-, Yellow- and Silver Book (B. Howard, S. Fahey, Z. Záhonyi, S. Worley, A. Nadar, J. Greenhalgh, L. Grutters and W. Godwin)

The draft Updated version of the Yellow Book was presented at the London International Users' Conference "Conference Edition" in December 2016. Following this, work on all three updates continued including consideration of review comments. All the three documents are expected to be printed late 2017 and distributed at the London Users conference in December 2017. This is a major milestone as the updating effort has taken a number of years and involved thousands of person hours of effort.

TG7 Update of the Dredging and Reclamation Works Contract (J. Greenhalgh, E. Corbett, T. Maddock, R. Maddrell and M. Vandenberghe)

This Updated form was released on the occasion of the 2016 FIDIC International Infrastructure Conference (Marrakesh). Translations in various languages are already available, and the Contracts Guide will follow.

TG10 Tunnelling and Underground Works Contract (M. Neuenschwander, J. Maclure, G. Ericsson, M. Smith, A. Marulanda, H. Ertl, C. Nairac)

Drafting of this new form of contract (in co-operation with the International Tunnelling Association) has been progressing on schedule. Limited (“friendly”) review of the full future publication will commence in the last quarter of 2017.

TG11 Operate-Design-Build-Operate Form of Contract (D. Barry, A. Jäger, N.G. Bunni Michael Mortimer-Hawking and Dr. S. Hök)

Drafting of this new form of contract in under limited (“friendly”) review.

TG12 Glossary of Terms [Online list of FIDIC terminology] (M. Gorashi, A. Emambakhsh, M. Egberts and K. Möller)

The Wiki-type online Glossary of FIDIC terms related to FIDIC contracts went live at the end of 2016 and was introduced to the public at the London Users' Conference in December 2016. The site is permanently available and open for suggestion of additional terms.

TG13 Update of the Dispute Adjudication Rules (S Fahey, A. Nadar, N.G. Bunni and C.R. Seppälä)

The updated set of Rules have gone through the various review stages and finalised for incorporation in all the relevant FIDIC contract forms (including the update of the 1999 suite). The name of the DAB was modified to the DAAB (Dispute Avoidance and Adjudication Board) to more accurately describe its role.

TG14 “Plug In” (Special Provisions) for Renewable Energy (wind) Sector, based on the updated Yellow Book (S. Poulsen, M. Sandgren, L. Grutters, F. Cumali, O.D. Martin-Foraro, A. Uijterwijk and V. Leloup)

The TG was formed and started to gather necessary inputs for the drafting stage, which is to start in due course. The objective is to produce a set of Particular Conditions peculiar sector, for use with the standard FIDIC Yellow Book.

TG15 “Golden Principles” of FIDIC (H. Madi, D. Charrett, A. Jäger, R. Morek and K. Möller)

The TG was set up with the aim of identifying those basic principles in FIDIC forms of contract which, if implemented, will reduce major problems of misuse of FIDIC contracts. Currently five principles have been identified, and the document is about to undergo limited (“friendly”) review.

In addition to the above, a new **TG (16)** is exploring the world wide use of FIDIC conditions of contract, in order to develop an improved data base.

Once again, the FIDIC’s Contract Committee appreciates the time and effort devoted by all the contributors mentioned above and all those many more reviewers, providing their input to improve the quality of these documents.



Active Members:

- J. Félix, France (Chair)
- H. J. Campos De Sousa, Portugal
- C. Tobolcea, Romania
- I. Kathrada, France
- J. Ritsema, Netherlands
- W. Schik, Netherlands

- M. Bertoneri, Italia
- A. Granowski, Poland
- S. Fryxell, Sweden
- A. Persson, Sweden
- S. Wüthrich, Switzerland

Corresponding Members

- F. Da Silva, France
- B. Georges, France

- A. De Bie, Belgium

FIDIC Representatives

- J. Boyd, Canada
- A. Chalabi, Morocco
- I. Chung, South Korea
- R. Crouch, Germany
- S. Dhawan, India
- H. Koichiro, Japan
- A. Rakheja, India

- J. Scanlon (FIDIC YPF)
- N. Shokoufi, Iran
- S. Wassef, Egypt
- L. Min Wong, Malaysia
- I. Y Ma, China
- M. Ziani (FIDIC Liaison)
- E. Vink (FIDIC Liaison)

The main objectives of this joint committee are to follow up international sustainability initiatives and market trends, as well as develop and implement FIDIC/EFCA official statements/policies and best practice guidelines on sustainability and climate change, through the SDC action plan.

SD Com Webex meetings:

- Plenary: 8 February and 14 June 2017
- TF commitments: 13 July 2017

Contribution in past and planned main international institutions’ meetings

- Habitat III in Quito, 14 October 2016
- UN Habitat WUC and GAP steering committee in Nairobi, 4 May 2017
- UN Environment and G ABC in Paris, 11 July 2017
- COP 22 in Marrakech, 9 November 2016, COP 23 in Bonn, 9-11 November 2017

- ISO TC 268 in Berlin, 30 May - 2 June 2017 and in Mexico 23 - 27 October 2017
- SBE conference: in Hong Kong, 5 – 8 June 2017
- BCS3 in New Delhi, 31 August - 1 September 2017

Main objectives:

- Follow up to international background, initiatives and market trends
- Implementation of FIDIC/EFCA official statements / positions on climate change, through the Sustainable Development Committee action plan (lobbying, promotion & communication, good sustainable development practice)

Main results
2016/2017
activities

FOLLOW UP TO INTERNATIONAL
BACKGROUND, INITIATIVES AND MARKET
TRENDS

FIDIC OFFICIAL STATEMENTS / POSITIONS ON
CLIMATE CHANGE

UN SD goals implementation

- Habitat III in Quito - New Urban Agenda
- COP22 in Marrakech
- Global Alliance for Buildings and Constructions / UNEP

LOBBYING

International standards
Relevant international initiatives

GOOD SUSTAINABLE DEVELOPMENT PRACTICE

Training: awareness webinars & training campaigns on ISO 37.101
Tools: the Urban Sustainability Management System Platform
Guidelines: ABC for sustainable cities

PROMOTION &
COMMUNICATION

The industry's commitments
Business Climate Summit (BCS)
Sustainable Built Environment (SBE) Conference

Sustainable
Development
Committee
2017/2018 plan

FOLLOW UP TO INTERNATIONAL
BACKGROUND, INITIATIVES AND MARKET
TRENDS

FIDIC OFFICIAL STATEMENTS / POSITIONS ON
CLIMATE CHANGE

UN SD goals implementation

- **WUC GAP** action plans adopted in Nairobi 4 May 2017 follow up by A. Persson, and S. Fryxell
- **COP23 Bonn Nov. 2017** FIDIC side event or construction day contribution, with VBI, R. Crouch and I. Kathrada support

LOBBYING

International standards on SSCC Oct. 2017, Mexico

- ISO 37101 urban sustainability management
- ISO 37155 sustainable infrastructure

With JF, M. Matic, BPC, and Mexican MA support

GOOD SUSTAINABLE DEVELOPMENT PRACTICE

- Training: awareness webinars & training campaign on ISO 37.101, contribution to MAVA training program to build public sector expertise for the deployment of sustainable infrastructure projects.
- Tools: USMS Platform support to FIDIC and partners' sustainable development projects.
- Guidance: contribution to UNEP SBC procurement, proposed FIDIC guidance for ISO 37101.

PROMOTION &
COMMUNICATION

- The industry's commitments: R. Crouch, I.Kathrada + YPF support
- **BCS3** New Delhi 31 August 2017 with CEAI (India MA) support
- **SBE & GABC**: FIDIC-MAs in international regional conferences

Sustainable Development Committee activities	Main activities and results 2016/2017	2017/2018 plans
UN SD goals Implementation		
<p>Habitat III : New World Urban Agenda adopted during HIII conference in Quito, November 2016</p>	<p>FIDIC became partner of WUC and GAP (1) in 2016 and contributed to its publication(2). FIDIC successfully applied for a efficacious side event during H III that opened the door for FIDIC for an ongoing partnership on awareness webinars on urban sustainability management:</p> <p>(1) WUC (World Urban Campaign) GAP (General Assembly of Partners) are UN Habitat initiative s for supporting the implementation of the world urban agenda</p> <p>(2) "The city we need". Some of its proposals were integrated in the New World Urban Agenda adopted during HIII conference.</p>	<p>FIDIC will contribute to WUC GAP action plans for implementing the New World Urban Agenda, adopted in Nairobi 2017/05/04</p> <p>Follow up by A. Persson, who attended H III, and S. Fryxell</p>
<p>COP, Conference of Parties FIDIC EC adopted in 2015 a position paper supporting the COP 21 agreement.</p>	<p>COP22 in Marrakech, FIDIC contributed in a side event organized by the Moroccan Ministry of Environment where Moncef Ziani, FIDIC vice president, presented a framework commitment for the FIDIC consulting engineers.</p>	<p>COP23 Bonn Nov. 2017. FIDIC applied for side events: on behalf of VBI (which offered to support this application), and directly.</p> <p>COP23 Nov. 2017 is the Conference of Parties organized by Fiji Island , with German support in Bonn. It will focus on the COP 21 agreement implementation. FIDIC with the support of R. Crouch and I. Kathrada proposed through VBI , accredited by UNFCCC, to organize a side event in COP 23, and to G ABC to provide a speaker at its construction day.</p>
<p>Global Alliance for Buildings and Constructions (G ABC). It's a UN environment initiative which objective is to include building and construction concerns in the implementation of the Paris COP 21 agreement. Members are States and international stakeholders of the building and construction value chain.</p>	<p>FIDIC joined G ABC in 2016 and contributed to its Marrakech steering committee.</p>	<p>FIDIC applies for a contribution to COP 23 construction day organized by G ABC during COP 23 from 9 to 11 November. FIDIC will scale up its contribution to GABC publications and conferences with MAs support in international regional conferences</p>
LOBBYING		
<p>International standards, ISO TC 268 standards on Smart and sustainable cities and communities. FIDIC has a «liaison» status in ISO TC 268 and is represented in</p> <ul style="list-style-type: none"> - ISO 37101 urban sustainability management by Jean Felix - ISO 37155 sustainable infrastructure by Mrs Milena Matic who got support of FIDIC BPC. 	<p>FIDIC contribution to ISO for implementing ISO 37101 (urban sustainability management system) and developing ISO 37104 (urban sustainability management guidance) and ISO 37155 (sustainable infrastructure) (1).</p> <p>(1) during ISO TC 268 meeting</p> <ul style="list-style-type: none"> - Oct 2016 in Paris - June 2017 in Berlin <p>and with FIDIC BPC support to ISO 37155</p>	<p>FIDIC contribution to next ISO working meetings, October 2017 in Mexico, where FIDIC will be represented by Ms Milena Matic, with Mexican MA support.</p>
PROMOTION & COMMUNICATION		
<p>FIDIC Consulting engineers Sustainable Development commitments</p>	<p>A commitment framework was presented by Moncef Ziani during a side event at COP 22 in Marrakech.</p>	<p>The industry's SD commitments to be presented at COP 23. Based on the framework presented during COP 22, commitments were developed by R. Crouch, I. Kathrada with YPF members and a dedicated TF, in order to be submitted to FIDIC EC.</p>
<p>Business Climate Summit (BCS)</p>	<p>FIDIC was a partner of Business Climate Summit 2 in London, as speaker in a session.</p> <p>FIDIC partner of BCS3 at New Delhi in August 2017. FIDIC was represented by the CEO of the Tata Consulting Engineers who was a speaker in a session on sustainable cities.</p>	
<p>SBE, Sustainable built environment SBE partners are ISbee, OIB, UNEP, GABC. It organizes a cycle of academic regional conferences and every three years a major international one.</p>	<p>FIDIC is partner of the SBE conference which took place in Hong Kong in June 2017, which concluded a three years cycle of conferences.</p>	<p>FIDIC partner of SBE will participate in a new 3 year cycle of conferences that will be concluded in Goteborg 2020. MAs will be invited to attend and contribute to these regional and international conferences.</p>
Good Sustainable Development Practice		
<p>Trainings SD is already considered in FIDIC training sessions like the Young professional program and the Chinese pilot training program.</p>	<p>Launch of raising awareness webinars campaign on ISO 37.101 with a view to propose further training sessions and related tools. Development of partnerships with some partners identified during the FIDIC side event at Quito for this campaign. GIB, a Swiss foundation, has been selected by MAVA (another Swiss foundation) for a training program to build public sector expertise for the deployment of sustainable infrastructure projects which mentions FIDIC potential contribution.</p>	<p>Development of the raising awareness FIDIC webinar campaign on urban sustainability management, with ISO 37101 support, with ISOCARP, ICLEI, GLOBAL CITIES and UN Environment as partners. Its objective is to prepare and organize FIDIC dedicated training sessions. FIDIC to contribute to MAVA training program to build public sector expertise for the deployment of sustainable infrastructure projects.</p>

Sustainable Development Committee activities	Main activities and results 2016/2017	2017/2018 plans
Tools	The Urban Sustainability Management System Platform (USMS) USMS Platform has been developed on the basis of Project/Programme sustainable Logbook (PPSL) platform to support the implementation of sustainable urban projects.	To include USMS presentation in the raising awareness webinars.
Guidance	FIDIC initiated and supported for UNEP, a Guideline "ABC for sustainable cities" that was published by UNEP with UNEP, UN Habitat and FIDIC brand. UNEP is preparing, with WRI, a guidance for sustainable procurement. FIDIC was invited to contribute by commenting on the draft.	To consider opportunity for a dedicated FIDIC guidance for ISO 37101 implementation for urban operational projects. FIDIC will contribute to UNEP SBC procurement guidance.

ANNEXE: FIDIC official STATEMENTS / POSITIONS on climate change

FIDIC POSITIONS THE INDUSTRY FOR THE COP21 NEGOTIATIONS

Two months before the UN Climate Change conference in Paris, FIDIC officially issues the contribution of the consulting engineering business to the transition towards a low carbon and climate resilient economy.

FIDIC STATEMENT IN SUPPORT OF THE UNITED NATIONS CLIMATE CHANGE CONFERENCE (COP 21), PARIS, NOVEMBER 2015

As the voice of the global consulting engineering profession, our Federation supports and contributes sound scientific and proven technical efforts to address global warming and climate change. The scientific evidence gathered by the Intergovernmental Panel on Climate Change is clear - the problems affecting the health of the biosphere are, in great part, human-induced.

FIDIC supports all efforts made to adopt a series of measures applied across the globe to prevent a future climate scenario with irreversible effects on current conditions on Earth and endangering all types of human activity.

FIDIC is fully aware of the importance of COP 21, to be hosted by the French capital in just a few weeks, and has decided to support the Conference in the clear belief that we must ensure that all the necessary means are made available, including well planned engineering and scientific mitigation strategies to safeguard the planet on which we live and work.

The foreseeable negative effects of climate change, which include warming and acidification of our ocean waters, rising sea levels, coastal flooding, wetland deterioration, droughts, extreme storm events, and landslides are already causing damage to all types of infrastructure and agriculture, and will eventually impact on the stability of societies and people.

The consulting engineering firms grouped under the FIDIC umbrella are willing and able to provide the engineering solutions needed to address the risks arising from these effects. Effective procurement of engineering services will be critical, and all parties should be aware that selecting consulting engineering firms based on quality will be the best way to increase the chances of success.

FIDIC offers all parties the knowledge and technology required to develop and execute the most efficient and effective climate change adaptation and mitigation strategies accurately, with efficiency and integrity. In so doing, consulting engineering firms can help protect the general interest of society now and in the future.

Geneva, September 2015

FIDIC Membership Committee

H. Kang, South Korea (Chair)
P-Y. Dartout, France
M. Cont, Iran (FIDIC YPF)
P. Borjian, Iran

T. Feng, China
N. Tetteh, Ghana
I. Goyzueta (Secretariat Liaison)
K.K. Kapila, India (FIDIC EC Liaison)

Revision of FIDIC Membership Brochure

The FIDIC Membership Brochure was reviewed and revised to incorporate the Strategic Plan of the Membership Committee which was formulated during the years 2015-16. Its aim is to promote membership more widely, and connect and support FIDIC membership more effectively by reflecting global changes and new tendencies. It comprises three major changes:

- Name of FIDIC National Member Association
- Special Financial Support to New Emerging Countries
- Qualifications of Affiliate Membership

Membership Status

At the end of July 2017, there were 103 Member Associations and 69 Affiliate Members from 37 countries.

The committee has not only been assessing membership candidates, but also carefully targeting potential members.

FIDIC Business Practice Committee

A. Read, New Zealand (Chair)
C. Newcomb, Canada
R. Prentice, Canada
F. Cölasan, Turkey
M. Steiner, USA
P. Rauch, Switzerland
K. Kariya, Japan
A. Varón, Spain

D. Delizza, USA
J. van der Putten, Belgium (EFCA)
S. Chatterjee, India
S. Sandiani, Iran
C. Zhang, China
C. Wilson, Canada
A. Barry, Australia (FIDIC EC Liaison)
I. Goyzueta (Secretariat Liaison)

The Business Practice Committee (BPC) has continued its schedule of working groups over the past year. Key activities have included the Contractor Selection Guide, and the Best Value Procurement Project.

The [Contractor Selection](#) Project's Task Group has made excellent progress developing a guideline to assist with mitigating the negative effects resulting from low bidding by contractors. Support for the guideline (in draft form) has been received from contracting organizations and FIDIC Member Associations. The Task Group is planning to incorporate feedback and publish the document in the coming year.

[Best Value Procurement](#) (BVP) is a method of consultant selection being used within Europe. Whilst FIDIC advocates for Quality Based Selection (QBS), FIDIC's Guidelines for the Selection of Consultants provides an overview of the more common methodologies used for selection of consultants around the world. The Consultant Selection Task Group are updating the Guideline to include BVP.

The [Definition of Services](#) (DOS) Guidelines for Civil Infrastructure was published as planned at FIDIC's 2016 Marrakesh conference. The document was formatted as a standalone guide for civil projects across several different types of civil infrastructure.

[Building Information Modelling](#) (BIM) as a tool for documenting projects through design and construction and then operating

them once complete, is becoming common in many parts of the world. The opportunities offered by BIM related processes are seeing many governments mandating their use for public infrastructure projects. Intellectual property allocation and liability risks represent just some of the hurdles to be overcome for the full implementation of BIM.

The BPC Chair has been involved with a cross committee project reviewing the impact of Building Information Modelling (BIM) on the engineering industry. This group has produced a guideline to accompany the latest versions of FIDIC's conditions of contracts and is also considering producing a "Technology Guideline" and a "Definition of Scope Guideline Specific to BIM".

BPC members provided commentary on a draft guideline being prepared by the World Health Organization titled "[Housing and Health](#)". The comments highlighted, among other items, the importance of using appropriately qualified engineering professionals selected using FIDIC's Quality Based Selection processes.

QBS is the FIDIC-preferred consultant selection process. The [QBS Marketing Guideline](#) has been published to help unify industry, client and contractor understanding on how best to select a Consulting engineer. The perceived low level of adoption by Member Associations is disappointing and of concern. All MA's are encouraged to use the document to proactively publicise QBS.

FIDIC Capacity Building Committee

M. Kruger, South Africa (Chair)
J. Ritchie, Canada
A. Emambakhsh, Iran
G. Tecuci, Romania
M. Mendis, Sri Lanka
A. Rev, Hungary

S. Wilson, Canada
S. Mambo, Kenya
J. Gray, Peru
A. Nadar, Sweden (FIDIC EC Liaison)
E. Vink, (FIDIC Liaison)

Capacity building for FIDIC is not just about the capacity of FIDIC today – it is about FIDIC's ability to deliver its mission effectively now and in the future. Capacity building is an investment in the effectiveness and future sustainability of FIDIC. When successful, it will enhance FIDIC's ability to have a positive impact in the consulting engineering industry.

Capacity Building is about consulting engineering business training and certification; contract and adjudication training, as well as certification and awareness of those activities. It is about education, and brand recognition. It is about understanding and protecting IP.

It is also about sharing and improving the skills to manage an association effectively. FIDIC, as the global voice for the industry,

is not just focused on the business of consulting engineering, but also on improving the effectiveness of the powerful network that is the Membership.

FIDIC is proposing a major change in its approach to the industry (for instance: growing adjudicators and trainers directly instead of waiting for the market to grow them). It is looking at setting up new, independent structures to oversee and develop policies and procedures, and the CBC has begun work on this over the last year.

It is intended that FIDIC and its Members should work more closely together, gradually increasing their revenue, not by size, but by the increasing number of paying customers (from training fees, sale of books, sponsorship and so on).

Regional Conference Belgrade



reported by Kevin Rudden, President, EFCA

The third successful FIDIC-EFCA Regional Infrastructure Conference was held in Belgrade, Serbia in March 2017 with 180 participants from across

Central and Eastern Europe. The speed of current technological breakthroughs has no historical precedent. As Consulting Engineers we need to figure out ways to guide this transition, to make it possible for our industry to create a better society. We can't passively sit back and end up where the technology takes us. We must actively drive it to the right places. The conference focused on the technological revolution taking place in the way we design, construct, operate and manage our infrastructure and how these impact on, or are constrained, by contractual necessities. The next event will take place in Prague in March 2018.

ICC/FIDIC Conference New Delhi



The annual ICC/FIDIC conference on International Construction Contracts & Dispute Resolution took place in New Delhi at the end of June. The well-attended, two-day event offered an intriguing programme steered by

over 20 regional and international construction contract experts. The first day was dedicated to FIDIC activities and the advantages of using FIDIC Contracts with captivating overviews of recent infrastructure projects implicating ICC and FIDIC DABs. The second day invited the audience to learn about the revised ICC Rules and the ICC experience under FIDIC contracts on arbitration claims and recent updates on ICC Court activities. The question around the changing landscape of arbitration in India also opened interesting discussions among the delegates. Information about the 2018 conference will be announced towards the end of the year.

User Conferences



These events are an important way to bring FIDIC closer to its key markets,

enabling experts from many walks of life (engineers, lawyers, contractors, financiers, agencies) to gather together, and share

valuable experiences with each other, and with FIDIC experts. A significant number of conferences were held in 2016 and 2017:

- Singapore - July 2016,
- Nairobi - October 2016,
- London - December 2016,
- Abu Dhabi - February 2017
- Hanoi - July 2017

- Lima - September 2017, with others planned for:
- Livingstone - October 2017
- London - December 2017

With these important meetings FIDIC successfully manages to deliver important messages from its committees dedicated to providing new documents and to keep its users fully updated on the latest news, the most important having been the revision of the 2nd edition of the FIDIC Rainbow Suite that will be launched in London in December 2017, with a milestone event comprising two significant celebrations – the 60 years of the Red Book and 30 years of Users' conferences organised around the world.

GAMA

Held in Cape Town in May 2017, the annual GAMA conference was a huge success, drawing some 280 enthusiastic delegates from across Africa and further abroad (20 countries) who joined in the debates, exploring: "African partnerships for sustainable growth". Key issues included: contractual relationships in Engineering, and the impact on infrastructure and socio-economic development. Other sessions went further into the development of skills to better match the market demands. One of the most popular sessions was run by YPs, tasked with challenging new paradigms for a better future.

This event, the biggest annual networking event for consulting engineers in Africa, provides a forum for consulting engineers, government officials, local administrative authorities, funding agencies, contractors, suppliers of construction equipment and materials, investors and other stakeholders in the built-environment from the public and private sectors to share ideas on best practices, as well as learn from each other effective ways of dealing with diverse challenges in order to achieve value for money and provide a sustainable quality of life for the people in Africa.

ASPAC

In view of the 2017 FIDIC conference in Jakarta, resources from ASPAC have focused on the FIDIC event, with the aim of attracting significant support from the region. However, support was also provided to the ASPAC CEO's conference in Sydney in March, which hosted numerous senior executives doing business in Australasia.

Various FIDIC events have been hosted in Asia, acknowledging the strength of the industry in the region – User conferences, and IFI-supported activities.

FEPAC

Under a new MOU, FIDIC has been working closely with the Latin American Federation to review and prioritise a range of FIDIC publications to be translated and promoted throughout the region. In addition, there is considerable interest in expanding FIDIC's training programme, which would require additional Spanish speaking trainers. FIDIC and FEPAC also collaborate with the various multilateral and bilateral agencies, with the aim of harmonising wherever possible, good procurement practices, as well as capacity building activities.

EFCA

In addition to a regular exchange of information and views on EU versus international procurement, the two federations have collaborated closely on other key issues such as Sustainability (covered elsewhere in this report), and business practice (including BIM). EFCA is now represented on most FIDIC committees, and FIDIC also participates in EFCA committees to ensure effective fertilisation of views from the regional and international perspective. Data is exchanged on industry developments so as to facilitate lobbying and information sharing at the EU level and global level. EFCA and FIDIC also collaborate closely on specialised regional events such as the Infrastructure Conference – reported separately.

FIDIC Business Days



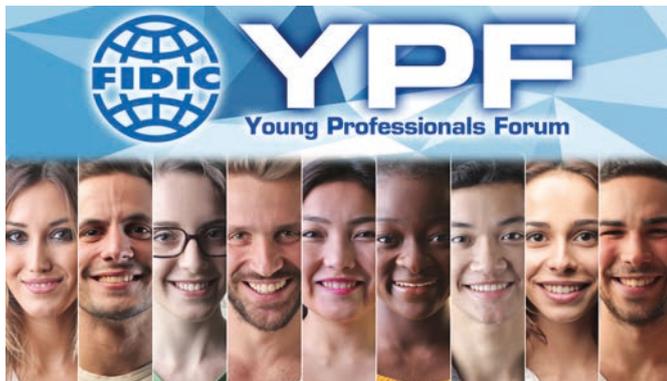
The concept has become popular, offering cost effective opportunities to bring FIDIC to markets where the industry is still in development, or potential members are being cultivated, and to attract support for FIDIC best practices.

The most recent successful event took place in Georgia in July 2017, resulting in the establishment of a new association, supported by the Government, developed with support from FIDIC, and now ready for membership.

FIDIC Young Professionals Steering Committee

J. Al Btoush, Jordan (Chair)
C. Tobolcea, Romania (Vice Chair)
A. Stifi, Germany
W. Darkazanli, Saudi Arabia
A. Emambakhsh, Iran
F. Yankey, Ghana
J. Ogazie, Nigeria
H. Slimani, Morocco
C. Wilson, Canada
W. Balla, Sudan
S. Zhang, China
A. Bialachowski, Poland
R. Delgado, Spain
M. Walker, Canada
J. Ramchund, South Africa
M. Chon, South Korea
L. Petrov, Bulgaria

N. N. Trung, Vietnam
R. AlBouri, Saudi Arabia
O. Adesina, Nigeria
H. Tait, Australia
J. Santamaria, Spain
V. Popescu, Romania
T. Matsuo, Japan
A. Rios, Peru
J. Nolan, Ireland
K. Heshmati, Iran
A. Elameer, Sudan
M. Bawarish, Jordan
Y. Itami, Japan
E. Smargiassi, Italy
E. Vink (FIDIC Liaison)
I. Goyzueta (FIDIC Secretariat)
A. Barry, Australia (EC Liaison)



FIDIC Young Professionals Forum

The Young Professionals Forum (YPF) was formed in 2004 with the intention of providing Young Professionals (YPs) with the opportunity to participate actively in FIDIC to develop the next generation of consulting engineering industry leaders. As a leadership committee, the YPF Steering Committee (YPFSC) was formed to develop communication and networking opportunities for all YPs involved in the FIDIC community.

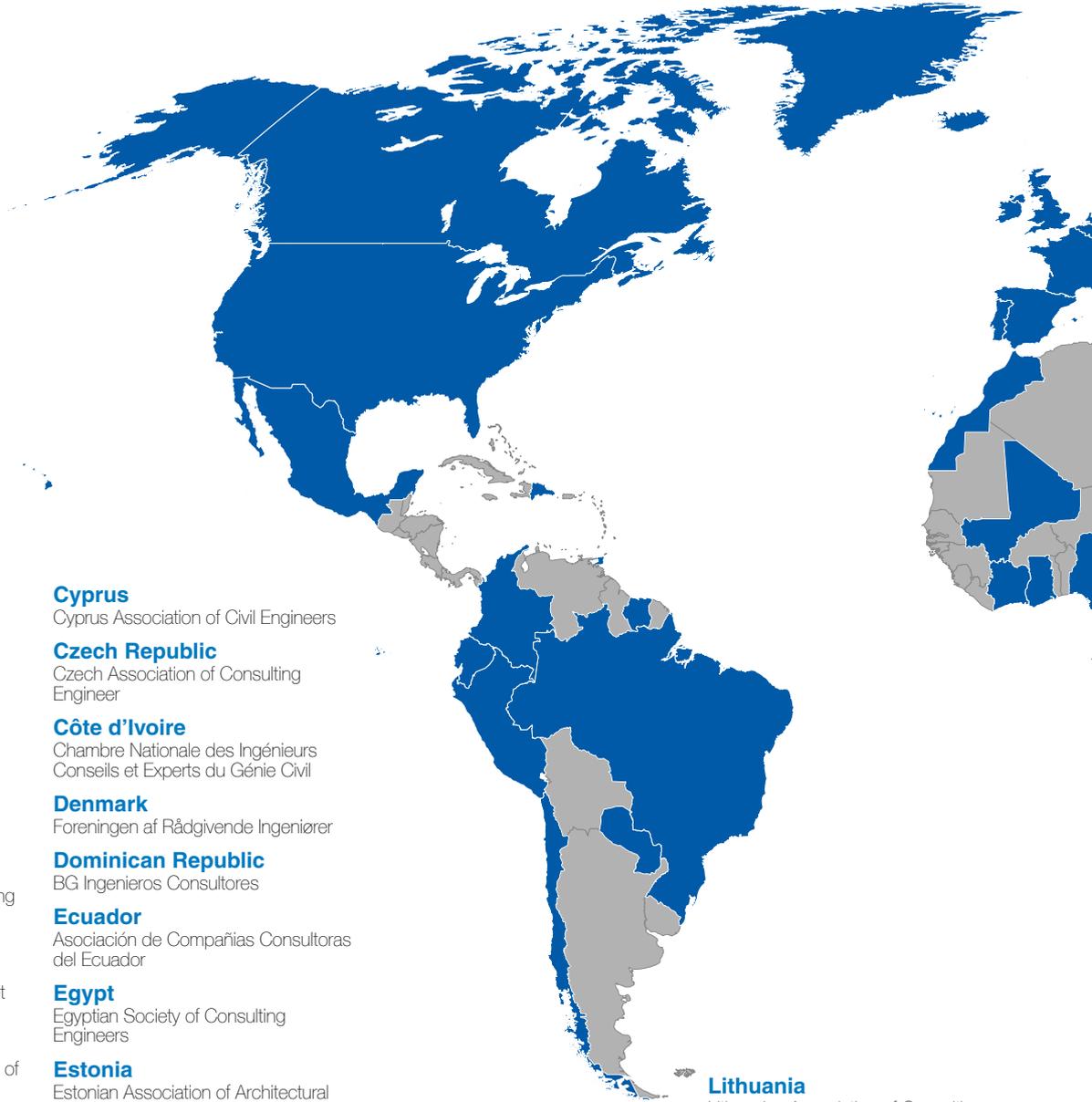
The points below summarize the main activities and achievements for 2016-2017:

- Membership outreach increased by 50% in 31 countries
- 1st YP international Symposium was approved and will be conducted in Jakarta, in addition to the regular YPF activities at the FIDIC annual conference such as YP open forum, Technical tour, EC breakfast and YPFSC meeting.

- YPFSC continue their work and support for the second YPs award, in terms of updating business plan to include last year feedback and lessons learned, announcements and other arrangements that ensure the success and sustainability of the award.
- Currently 19 sub-committees within YPFSC are run by YPFSC members in addition to active participation in FIDIC committees or Task groups/ forces (including IMC, CC, SD C, RQC, CBC, BPC, conference advisory committee, etc.)
- The YPFSC is very active on social media pages and on the YPs FIDIC Blog to reflect YPs point of view and to publicize FIDIC and YPFSC activities.
- Three YPF newsletters were issued during this year.
- Continue supporting YPMTP through social media, surveys, etc.
- YPFSC members have prepared and distributed two main surveys as supporting activities to YPMTP and Contracts committee.
- YPFSC continue their concerted efforts toward integration with all local, regional and international YP groups to unify the YPs voices and exchange experiences and knowledge.
- Database for all YP contacts since 2004.

The YPFSC is a very promising and energetic committee, with members from all over the world, with lots of experience, knowledge and aspirations that is willing to serve FIDIC in every single task and initiative and which needs more exposure, support and empowerment.

FIDIC Member Associations and Associates



Albania

Albanian Association of Consulting Engineers

Australia

Consult Australia

Austria

Austrian Consultants Association

Azerbaijan

National Engineering Consultancy Society of Azerbaijan

Bahrain

Bahrain Society of Engineers

Bangladesh

Bangladesh Association of Consulting Engineers

Belgium

Organisation des Bureaux d'Ingénieurs-Conseils, d'Ingénierie et de Consultance

Bosnia and Herzegovina

Association of Consulting Engineers of Bosnia and Herzegovina

Botswana

Association of Consulting Engineers Botswana

Brazil

Associação Brasileira de Consultores de Engenharia

Bulgaria

Bulgarian Association of Consulting Engineers and Architects

Canada

Association of Consulting Engineering Companies, Canada

Chile

Asociación de Empresas Consultoras de Ingeniería de Chile

China

China National Association of Engineering Consultants

China, Hong Kong

Association of Consulting Engineers of Hong Kong, China

China, Taipei

Chinese Association of Engineering Consultants, Taipei, China

Colombia

Cámara Colombiana de la Infraestructura

Croatia

Croatian Association of Consulting Engineers

Cyprus

Cyprus Association of Civil Engineers

Czech Republic

Czech Association of Consulting Engineer

Côte d'Ivoire

Chambre Nationale des Ingénieurs Conseils et Experts du Génie Civil

Denmark

Foreningen af Rådgivende Ingeniører

Dominican Republic

BG Ingenieros Consultores

Ecuador

Asociación de Compañías Consultoras del Ecuador

Egypt

Egyptian Society of Consulting Engineers

Estonia

Estonian Association of Architectural and Consulting Engineering Companies

Finland

Finnish Association of Consulting Firms

France

CINOV/SYNTEC-Ingénierie

Germany

Verband Beratender Ingenieure

Ghana

Ghana Association of Consultants

Greece

Hellenic Association of Consulting Firms

Hungary

Association of Hungarian Consulting Engineers and Architects

Iceland

Félag Rádgjafarverkfræðinga

India

Consulting Engineers Association of India

Indonesia

National Association of Indonesian Engineering Consultants

Ireland

Association of Consulting Engineers of Ireland

Islamic Republic of Iran

Iranian Society of Consulting Engineers

Israel

Israeli Organization of Consulting Engineers and Architects

Italy

Sindacato Nazionale Ingegneri e Architetti Liberi Professionisti Italiani

Japan

Association of Japanese Consulting Engineers

Jordan

Jordan Architects and Consulting Engineers Council

Kazakhstan

Kazakhstan Association of Consulting Engineers

Kenya

Association of Consulting Engineers of Kenya

Kuwait

Union of Kuwaiti Engineering Offices and Consultant Houses

Latvia

Latvian Association of Consulting Engineers

Lebanon

Lebanese Association of Consulting Engineers

Lithuania

Lithuanian Association of Consulting Companies

Luxembourg

Ordre des Architectes et des Ingénieurs-conseils, d'Ingénierie et de Consultance

Malawi

Association of Consulting Engineers of Malawi

Malaysia

Association of Consulting Engineers Malaysia

Mali

Order of Consulting Engineers of Mali

Mauritius

Association of Consulting Engineers

Mexico

Cámara Nacional de Empresas de Consultoría de México

Moldova

Association of Consulting Engineers in Republic of Moldova (ARMIC)

Mongolia

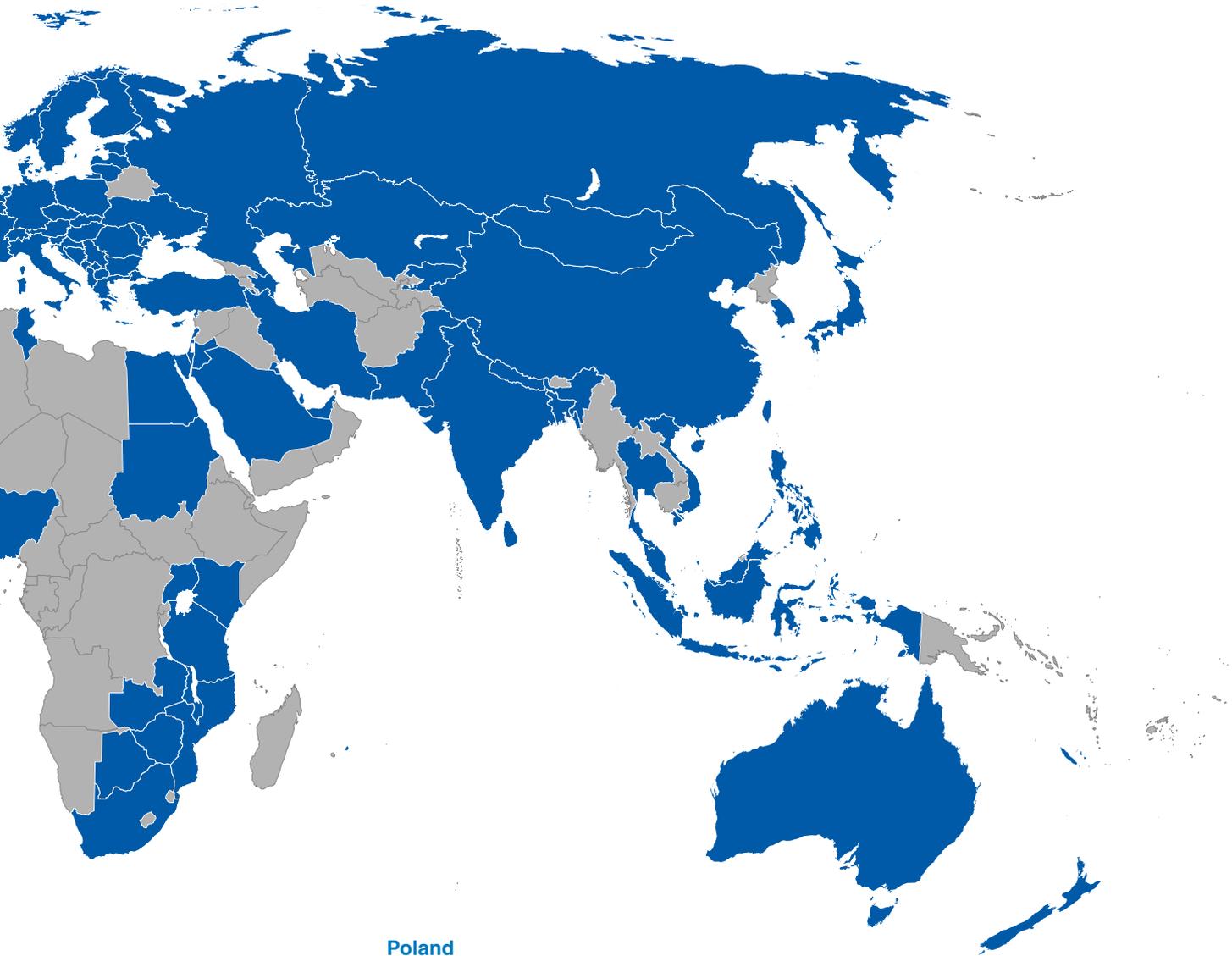
Mongolian Road Association

Montenegro

Association of Consulting Engineers of Montenegro

Morocco

Fédération Marocaine du Conseil et de l'Ingénierie



Mozambique

Associação de Empresas Moçambicanas de Consultoria

Nepal

Society of Consulting Architectural and Engineering Firms, Nepal

Netherlands

NLingenieurs

New Zealand

Association of Consulting Engineers New Zealand

Nigeria

Association of Consulting Engineers, Nigeria

Norway

Association of Consulting Engineers, Norway

Pakistan

Association of Consulting Engineers Pakistan

Palestinian Territory, Occupied

Engineers Association

Paraguay

Camara Paraguaya de Consultores

Peru

Asociación Peruana de Consultoría

Philippines

Council of Engineering Consultants of the Philippines

Poland

Stowarzyszenie Inżynierów Doradców i Rzeczoznawców

Portugal

Associação Portuguesa de Projectistas e Consultores

Republic of Korea

Korea Engineering and Consulting Association

Republic of Macedonia

Association of Consulting Engineers of Macedonia

Romania

Romanian Association of Consulting Engineers

Russian Federation

RAEC / NACEC

Saudi Arabia

Saudi Council of Engineers

Serbia

Association of Consulting Engineers in Serbia

Singapore

Association of Consulting Engineers Singapore

Slovakia

Slovak Association of Consulting Engineers

Slovenia

National Association of Consulting Engineers of Slovenia

South Africa

Consulting Engineers South Africa

Spain

Asociación Española de empresas de Ingeniería, Consultoría y Servicios Tecnológicos

Sri Lanka

Association of Consulting Engineers, Sri Lanka

Sudan

Sudanese Engineering and Architecture Consultancy Association

Suriname

Orde van Raadgevende Ingenieurs in Suriname

Sweden

Swedish Federation of Consulting Engineers and Architects

Switzerland

Union Suisse des Ingénieurs-Consells

Thailand

Consulting Engineers Association of Thailand

Trinidad & Tobago

Joint Consultative Council for the Construction Industry

Tunisia

Association Nationale des Bureaux d'Etudes et des Ingénieurs Conseils

Turkey

Association of Turkish Consulting Engineers and Architects

Uganda

Uganda Association of Consulting Engineers

Ukraine

Association of Engineers-Consultants of Ukraine

United Arab Emirates

Society of Engineers - UAE

United Kingdom

Association of Consultancy and Engineering

United Republic of Tanzania

Association of Consulting Engineers Tanzania

United States of America

American Council of Engineering Companies

Vietnam

Vietnam Engineering Consultant Association

Zambia

Association of Consulting Engineers of Zambia

Zimbabwe

Zimbabwe Association of Consulting Engineers



“Mobility & Smart Infrastructure”

It is difficult to grasp that over half of the world’s population lives in urban areas, and this number will increase to about two thirds of the world’s population by 2050. This means that today, 3.9 billion people are living in cities, and that number will continue to rise exponentially.

Mobility is central to our economies and essential for our way of life. Every day, billions of people and tons of goods move by road, rail, air and water. Yet our need for mobility brings consequences—pollution, CO2 emissions, congestion and a massive load on state budgets for maintaining and improving our transportation infrastructure. However, in response to a wave of new technologies, shifting mobility patterns, and funding pressures, we are experiencing the beginnings of major shifts in mobility. How the future will play out is uncertain but the implications for all stakeholders will be significant.

What new technologies and business plans will dominate? How can government structure and adapt to catalyse the next generation of innovation and improve the user experience? Who are the decision makers in our future? Who are the planners and conceivers? - Governments? - Financial institutions? - Large corporates?

What are the key roles and responsibilities that consulting engineers can and should play? How do they interact with others? What are the key issues being addressed?

Berlin, with its rich history and ambitious growth plans, is ideally placed to reflect on these cross cutting issues.

Berlin is a big multicultural metropolis but deep down it maintains the unpretentious charm of an international village. Locals follow the credo ‘live and let live’ and put greater emphasis on personal freedom and a creative lifestyle than on material wealth and status symbols. Cafes are jammed at all hours, drinking is a religious rite and clubs keep going until the wee hours or beyond. Size-wise, Berlin is pretty big but its key areas are wonderfully compact and easily navigated on foot, by bike or by using public transport.

Berlin is a bon vivant, passionately feasting on the smorgasbord of life, never taking things – or itself – too seriously. It embraces, inspires, accepts and makes one feel good about oneself, the world and other people. One can enjoy its iconic sights, its vast swathes of green, its sky bars and chic restaurants, but also its gritty sides. There’s nothing static about Berlin: it’s unpredictable, unpretentious and irresistible. And it loves you back – if you let it in.

When it comes to creativity, the sky’s the limit in Berlin, Europe’s newest start-up capital. In the last 20 years, the city has become a giant lab of cultural experimentation thanks to an abundance of space, cheap rent and a free-wheeling spirit that nurtures and encourages new ideas. Top international performers grace its theatre, concert and opera stages; international art-world stars like Olafur Eliasson and Jonathan Meese make their home here; and Clooney and Hanks shoot blockbusters in the German capital. High-brow, low-brow and everything in between – there’s plenty of room for the full arc of cultural expression.

We look forward to seeing you there next year !



Secretariat

- Enrico Vink, Managing Director
- Italo Goyzueta, Deputy Director
- Silvia Fossati, Training Manager
- Eivor Chollet, Events Coordinator
- Christophe Sisto, Design and Publications Manager
- Maria-Blanca Trabazos, Accountant & HR
- Habib Benyettou, IT Support
- Samuel Mwamsamali, FIDIC Africa Manager
- Myriam Labidi, Marketing & Sales Manager
- Rosa Beboux, Administrative Assistant
- Tania D.S Branco, Events & Promotions Assistant
- Raluca Hartu, Conference Consultant

FIDIC Key Objectives

- Be the recognised international authority on issues relating to consulting engineering best practice
- Actively promote high standards of ethics and integrity among all stakeholders involved in the development of infrastructure worldwide
- Maintain and enhance FIDIC's representation of the consulting engineering industry worldwide
- Enhance the image of Consulting Engineering
- Promote and assist the worldwide development of a viable consulting engineering industry
- Promote and enhance the leading position of FIDIC's Forms of Contract
- Improve and develop FIDIC's training and publishing activities
- To promote and encourage the development of Young Professionals in the Consulting Engineering Industry

Risk Management

Definition of Services

Member Associations

Online Training

Dispute Adjudication

Business Days



International Federation of Consulting Engineers (FIDIC)
World Trade Center II, Geneva Airport
P.O. Box 311
CH-1215 Geneva 15 - Switzerland
Tel. +41 22 799 4900 - Fax +41 22 799 4901
Email: fidic@fidic.org
www.fidic.org