

GHANA CONSULTING ENGINEERS' ASSOCIATION NEWSLETTER

THE GCEA NEWS

2019 GCEA WEEK CELEBRATION (3RD—5TH DEC. 2019)



The 2019 Edition of the Ghana Consulting Engineers' Association (GCEA) Week celebration took place at the Engineering Centre, Roman Ridge from the 3^{rd} to the 5^{th} of December 2019.

The theme for the celebrations was "TACKLING THE RE-CURRENCE OF FLOODING AND MANAGEMENT OF SOLID WASTE IN GHANA, THE ROLE OF THE CON-SULTING ENGINEERS AND STAKEHOLDERS"

The three day event began with a welcome address from the

now past president of the association and other dignitaries and followed by technical sessions from seasoned professionals and experienced engineers in sanitation and drainage.

Day 2 was a two part event with the Association's Annual General Meeting taking place during the day and a dinner dance at the Accra City Hotel in the evening.

The celebrations ended on Day 3 with a site visit to the Pokuase Interchange. There, delegates were shown the progress of works on the interchange and the engineering behind the works.

More on Page 3.



Inside this issue:

New GCEA Prez. Ac- ceptance Speech	2
Report on GCEA Week Celebration	3
Elections to external committees	6
FIDIC 2019 Conf. Report	7
Updates from FIDIC Board	11
Upcoming Events	12
GCEA Year Planner	13

ELECTION OF NEW GCEA COUNCIL

During the 2019 Annual General Meeting, there was the election of new GCEA Council Members and Committee Chairs for 2020/2021.

Ing W.D Albert Viala was elected President of the Associ-

ation and succeeds Ing. Isaac Addai.

The full list of Newly Elected Council members and committee chairs is on page 3.



NEWLY ELECTED PRESIDENT'S ACCEPTANCE SPEECH ING W.D. ALBERT VIALA – YEAR 2020/2021



Ing. W.D ALBERT VIALA— NEWLY ELECTED GCEA PRESIDENT 2020/2021 First of

Mr. President, past presidents, former council members, colleagues, honoured and invited guests, ladies and gentlemen, I am honoured to be here tonight, and grateful to you for this opportunity.

First of all, I would like to give thanks to God for his

guidance and grace; my wife Mrs Nana Ekua Albert-Viala and my family for their continued support.

On behalf of my team and I, we would like to thank our outgoing president, Ing. Isaac Addai for having steered a steady course during his tenure and handing over the reigns to me.

We also acknowledge and applaud the contributions and support made by member firms, without the efforts you have made, both individually and collectively, the Ghana Consulting Engineers Association would not be what it is today.

My team and I would encourage you to maintain the energy and commitment level to stay on course, so we can be an example to others – both in the industry and beyond – and an inspiration to the young men and woman who will be joining the profession.

To have been elected into this position of president of this esteemed association is both an honour and a privilege, one which I and my team shall hold dear and do our utmost best to discharge our duties with the passion, dedication and professionalism that it demands.

Carrying on from the sterling work of my predecessor, I intend to build upon the core values of the Association in realizing its vision.

To this end my team and I have developed a ten (10) point strategic goal for our term in office.

Build upon the good works that has been achieved to date.

Strengthen the secretariat by adding new roles/ functionalities to support its operations.

Improve stakeholders' engagement (with GRA, MWH, PPA etc.)

Continue to build and improve the participation of training programmes.

Strengthen relationships with member firms through increased engagement and setting up regular bimonthly visits.

Increase membership by at least (10%) percent.

Continue to promote GCEA Objectives.

Elevate the profile of the Association by leveraging new media.

Maintain the existing cordial relationship with GAMA and FIDIC.

Improve YP (FIDIC Future Leaders/FFL) participation.

These are our strategic goals for the coming term.

In conclusion, I am aware that our industry is confronted with enormous challenges, but I believe that with the support of us all, in the fullness of time this Association will achieve its vision.

I appreciate your time and patience and thank you all very much for honouring us with your presence.

May God bless Ghana and the Ghana Consulting Engineers Association.

Thank you.

GCEA WEEK CELEBRATION 2019 REPORT

GCEA CELEBRATES BI-ANNUAL WEEK 2019

The GCEA Week is a bi-annual conference for the Consulting Engineering Industry in Ghana.

The event started from 3rd to 5th December 2019, with the theme "Tackling the Recurrence of Flooding and Management of Solid Waste in Ghana, the role of consulting engineers and stakeholders".

It was held at the Engineering Centre, Roman Ridge.

It was attended by over one hundred participants drawn from the member firms and the Ministries & Agencies, Market women, etc.

The Guest Speaker for the occasion was Hon. Cecilia Dapaah, Minister for Sanitation and Water Resources.

The Guest of Honour for the conference was the Minister of Works and Housing, Hon. Samuel Atta Akyea. He was represented by the Deputy Minister of Works and Housing, Hon. Eugene Boakye-Antwi.

Ing Steve Amoaning Yankson gave a speech on behalf of the President of Ghana Institution of Engineering.

Other speeches were made during the technical sessions held on the 3rd and 4th December 2019 by the following persons;

Item	Name of Speaker	Sub-Theme
1	Ing Tony Mensah, MSWR	Preventing Sanitation Re- lated Flooding
2	Ing Lukman Salifu	The Impact of poor con- veyance of refuse on flooding; to cover or not ?
3	Ing Dr. Richard Amponsah	Management of Solid Waste in our cities
4	Ing Albert Ogyiri	SMART Design of Flood Control (Drainage) Struc- tures
5	Ing Steve Amoaning Yankson	Promoting Effective Sani- tation Institution in Ghana

Moderators for the Technical Sessions were Ing Harrold Esseku and Ing Kwabena Gyimah Bempong.

The second day, 4th December 2019 saw the election of the new council and the Annual General Meeting.

ELECTION OF THE NEW COUNCIL – 2020/2021

New members were elected to steer the affairs of the Association for 2020/2021.

Ing W.D. Albert Viala emerged as the new President of the Association after the election.

New Members of the council are;

Ing W.D. Albert Viala - President

Ing Kwaku Osafo-Affum - Vice President

Ing Peter F. Aganu - Hon. Treasurer

Ing Festus Odametey - Hon. Secretary

Ing Magnus Quarshie - Councillor

Ing Donald Danquah - Councillor

Ing Francis Kofi Yankey - Councillor

Ing (Mrs) Nana Akua Brenyah- Boateng, Councillor

Ing (Mrs) Jane Naki Tetteh-Anowie remains the YP representative until a new person is nominated to take over from her.

ANNUAL GENERAL MEETING (AGM)

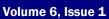
The Annual General Meeting was held in the afternoon of the 4th December 2019. It was held to discuss the financial standing of the Association.

TOUR

A tour was held for participants on the 5th December 2019. They were taking to the Pokuase interchange site to familiarize themselves with the work going on. Ing Kwabena Bempong, the Resident Engineer, took them round the site.

Conclusion

In all the conference was colourful, entertaining and educative.



PICTURES FROM THE GCEA WEEK 2019 CELEBRATIONS



Group photograph at the Week Celebration



Dep. Min. of Works & Housing, Hon. Eugene Antwi Boakye



Market women invited to shed light on the sanitation situation in our markets.



Ing. Albert Viala delivering his acceptance speech at the dinner.

Volume 6, Issue 1

PICTURES FROM THE GCEA WEEK 2019 CELEBRATIONS



Swearing in of new Council at the dinner



Presentation of awards to distinguished delegates



Delegates at the Pokuase Interchange under construction







EXTERNAL COMMITTEES

NOMINATION OF MEMBERS TO SIT ON EXTER-NAL COMMITTEES

Ing W.D Albert Viala, at the last council meeting in November 2019, was nominated to represent GhIE and GCEA on the 3rd Adhoc Committee of Architects Registration Council to review the professional fees rates for the built environment. Ing Viala is also to represent GCEA on the GhIE council.

NOMINATION OF ING. DR. KORANTENG-YORKE

Ing Dr. Koranteng-Yorke, the Managing Director of Vision Consult was also nominated by the council to chair the Sectional Advisory Board of the Regional Transport Sector Advisory Board.



MFs are being encouraged to set-up SOCIAL MEDIA accounts to help publicize the Association and the Ghanaian Engineering Community at large.



FIDIC 2019 CONFERENCE (MEXICO CITY) REPORT

INTRODUCTION

The FIDIC 2019 Annual conference of the International Federation of Consulting Engineers; dubbed "*International Infrastructure Conference 2019*" was held from the 8th to 10th of September 2019 in Mexico City, Mexico. The conference was held at the InterContinental Presidente Hotel, Located in Polanco district.

The conference was held on the theme "*Technological innovation impacting the industry*" and brought together delegates from all over the world. Ghana was represented by a 10-member delegation representing two (2) member firms of the Ghana Consulting Engineers Association (GCEA) and their accompanying persons and two (2) Government bodies. The distribution is presented below:

Name of Firm	No. of Dele- gates	No. of Young Pro- fession als	No. of Accom- panying Persons			
Associated Consult- ants	2	1	1			
ESPco	1	1	1			
Department of Urban Roads	2					
Ghana Airport Company Limited		1				
Total	5	3	2			

CONFERENCE PROGRAMME

The conference took place over four days from Saturday 7th September to Tuesday 10th September 2019 and covered the following main events:

• FIDIC Directors and Secretaries (DNS) Meeting

- FIDIC Best Business
 Practice Forum
- Young Professionals Symposium and Future Leaders Workshop
- Tours
- Welcome Reception
- Main Conference SessionsFIDIC Gala Dinner & Awards
- Ceremony
- FIDIC General Assembly Meeting
- Local colour night

FIDIC DIRECTORS AND SECRETARIES (DNS) MEET-ING

The Directors and Secretaries Meeting was held on Saturday 7th September 2019 at the InterContinental Presidente Hotel. Ghana Consulting Engineers Association was not represented at the meeting.

<u>FIDIC BEST BUSINESS</u> PRACTICE FORUM

This forum was a panel discussion lead by FIDIC committee chairs to address the challenges in the consulting engineering industry and how FIDIC tools and services can respond to the needs of members around the world.

Discussion points were centred on the question "Are we still relevant"

 Are Engineers relevant as we were many year ago? Accountants & Project Managers are



"FIDIC YOUNG

PROFESSIONALS

(YP) NOW KNOW AS

FIDIC FUTURE

LEADERS"

MFs are being encouraged to set-up SOCIAL MEDIA accounts to help publicize the Association and the Ghanaian Engineering Community at large.



FIDIC 2019 CONFERENCE (MEXICO CITY) REPORT

taking up

projects that we would usually do.

- Clients expect perfect work whiles the Society expects no errors.
- High margined jobs in terms of remuneration of our work is being taken over by other professionals
- Professional integrity insurance is high in some markets due to high litigation issues.
- We need to equip ourselves with tools that would increase our performance
- Sometimes designs tend to be oblivious of the actual need to be addressed because both the Client and the Consultant / Contractor do not understand each other
- We need to Increase Clients and Contractors knowledge base.
- Clients and Contractors need to understand our the projects they intend to implement, so that they would understand the work we do
- Consulting / Construction works are usually deemed as High Risk projects, thus attracting high Premiums by way of insurances.
- Are we designing for the future?
- Are we compromising for the future?
- FIMS 3 & BIM management systems A good tool (Integrity, Quality, and Sustainability)
- The Infrastructure sector is the slowest sector in responding to changes in technology, Consultants need to be aware of changes especially as a result of politics.

Some Future Challenges include;

- New forms of contracts e.g. FIDIC Contracts, and the Design and Build type of projects
- New ways of delivering construction in the markets; digitisation and Automation.

YOUNG PROFESSIONALS SYMPOSIUM

The Young Professional (YP) Symposium was held on Sun-

tember 2019 at the InterContinental Presidente Hotel which was well-attended by the YPs. The YPMTP participants did a presentation on Corruption and elaborated how "Corruption Kills". The YP Chair also informed of the re-branding; YP will now be known as FIDIC FUTURE LEADERS (FFL) with a new logo.

day 8th Sep-

The YPMTP 2018 have developed a platform for the consulting industry; *GLOBAL KNOWLEDGE PLATFORM (GKP)*. The vision of GKP is to Bridge the knowledge gap, enhance capacity of the industry and facilitate business development and access. Main features would include; Cloud searchable database, offline library, discussion forums and list of experts.

<u>TOURS</u>

A visit to Ancient Mexico was carried out on Sunday Afternoon; 8th September. the delegates explored the historical downtown of Mexico city with history dating as far back as 100years. We saw monuments such as the National Palace, Murals of Diego Rivera, Metropolitan Cathedral and the Fine Arts Palace.

The Accompanying persons also had the opportunity to visit other places such as Teotihucan, Archaeology of Mexico.

WELCOME RECEPTION

A welcome reception was held in the evening of Sunday 8th September as an opportunity for delegates to interact informally. The event took place at the Palacio de Mineria , an array of Mexican finger foods was enjoyed by all.

MAIN CONFERENCE SESSIONS

The main conference sessions started on Monday 9th September 2019 at the InterContinental Presidente Hotel, Castillo Room.

Volume 6, Issue 1

OPENING CEREMONY

FIDIC 2019 CONFERENCE (MEXICO CITY) REPORT

Brazil in addi-

The opening Ceremony began with a keynote speech by the Minister of Transportation and Communication; Javier Jimenz Espiru a renowned Mechanical Electrical Engineer in Mexico. The delegates were then entertained by beautiful Mexican local entertainment.

The Keynote address on the topic: Leadership and Digital Transformation was presented by Stephen Brobst. He pointed out that Technological innovation is needed by those who deliver projects and those who own the projects and everybody in between.

PANEL DISCUSSIONS AND PRESENTA-TIONS

Several presentations and panel discussions were held on each day of the conference. Delegates were given opportunities for feedback and questions at the end of each session. The discussions and presentations were under the following topics:

- Panel Discussion 1: Technological innovation in Business
 Corporate Board Perspectives
- Panel Discussion 2: Technology as a driver of a change -What, Why and How to deal with it
- Panel Discussion 3: Innovation and the role of technology in Procurement
- Panel Discussion 4: Mega and smart cities challenges and opportunities
- Panel Discussion 5: Integrity Challenges associated with Technological innovation.

Interesting Points from the five Panel discussions;

- Technology impacts everything, Engineers must lead in the response to Technology,
- 2) Capacity building is important for our industry,
- 3) Develop our Future Leaders,

Page 9

- Blitz GIS Sewer Management System being used in Japan,
- 5) GIS Planning Waste Management System being used in

tion to On-time tracking, Mobile Apps and NFC Tagging,

- 6) SMART fields and businesses are built in data,
- Business Integrity Management (BIM) System is being adopted by many firms,
- Digital Twin The digital representation of physical objects or systems, technology has expanded to include buildings, factories and even cities. Merging the worlds of Internet of Things (IoT), Artificial Intelligence (AI) and data analytics,
- 9) Decentralization is key.

FIDIC GALA DINNER & AWARDS CEREMONY

The Gala Dinner and Awards Ceremony was held on Monday 9th September 2019 at the InterContinental Presidente Hotel, Castillo room. Awards were given for the following categories;

- FIDIC Outstanding Project of the Year This award went to China
- FIDIC Awards of Special Merit
- FIDIC MA Awards
- YP Award
- Certificate of recognition

FIDIC General Assembly Meeting (GAM) 2019

The FIDIC General assembly meeting has held after the closing ceremony in the 10th of September.

Minutes from GAM 2018 and financial accounts for 2017 & 2018 were distributed to all present. Discussion were as follows;

- The Treasurer on the Board briefed all present on the expenditure for 2018 and 2019, actual for 2018 and the budget for 2020.
- Awards and Certificates bestowed at the Gala dinner
- Appoint of new President William Howard (USA), President Elect for 2019 - 2021
- Conference Location The Board has decided that the next FIDIC Annual Conference will be held in Geneva and that every other year the FIDIC Annual Conference would be

FIDIC 2019 CONFERENCE (MEXICO CITY) REPORT

held in Geneva.

- 2020 Geneva
- 2021 Singapore / Japan
- 2022 Geneva
- 2023 Cape Town
- 2024 Geneva

Members expressed their disappointment at the Board decision. Board to consider points raised.

- Recognition of Young Professionals 45 YPs participated in the 2019 YPMTP
- Certificate of appreciation for outgoing members of the FIDIC Board
- FIDIC "Prangey Award" recognition Louis Prangey award was established to be presented to a person who has rendered significant service to the federation or profession of consulting engineering.

LOCAL COLOUR NIGHT

The Local Colour Night was held at the InterContinental Presidente Hotel, Castillo room. on Tuesday 10th September 2019. The event was characterised by a colourful display of Mexican culture, dancing and music. Delegates were treated to delicious Mexican dishes.

GENERAL IMPRESSIONS

The FIDIC 2019 Annual conference afforded all the delegates the opportunity to meet with professionals, Clients, and funding agencies from all over the world. The conference panel discussions were very insightful and beneficial.

Delegates also had the opportunity to network with firms from other countries. This set the tone for future partnerships towards future developments.

The general Impression of majority of the delegates who attended was very positive and they look forward to participation in future FIDIC-conferences

<u>GHANAIAN DELEGATES AT THE FIDIC 2019 CON-</u> <u>FERENCE, MEXICO.</u>







UPDATES FROM FIDIC BOARD AND STRATEGY MEETINGS IN TOKYO



Last week, members of the FIDIC board met in Tokyo for their regular board meeting and also a series of strategy meetings to map out the organisation's future direction.

The meetings were attended by all board members with additional contributions from the chair of the DNS council, Future Leaders and regional representatives and a supporting team from the FIDIC secretari-

at.

The key messages from the two-and half-day programme are as follows:

• Very productive, high-level discussions with FIDIC's Japanese member association, ECFJA, on corporate development, the state of the global consulting engineering market, regionalisation, progress on the Tokyo 2020 Olympic facilities and alternative future location plans for the FIDIC International Infrastructure Conference 2021.

• **Completed a successful one-day workshop on developing a new FIDIC corporate plans for 2020-2024**. Reviewed past performance against current objectives, explored global market drivers, revisited FIDIC's corporate aspirations statements, identified short-, medium- and long-term objectives for the industry, member associations and federations.

• **Ratified the adoption of the new FIDIC committee terms of reference** and tasked board committee liaison members and the secretariat to populate committees with the appointment of chairs and members accordingly.

• Decided and empowered the board governance committee to review and revamp the FIDIC statute and bylaws to reflect modern business practice, including embracing diversity and inclusion, introducing a technology-based board election voting system and improved regional representations etc.

• Fully endorsed the progress made and future programme on the FIDIC International Infrastructure Conference in Geneva 2020. The conference website and the FIDIC Project and Member Association Awards to be launched by the end of February 2020.

Endorsed a progress report and supported the development and production of the FIDIC State of the World *report* ready for publication at the Geneva 2020 conference.

• Approved the inception and progress report on the development of FIDIC Credentialing Limited, including proposed deliverables to operationalise the certification process and outline plans to roll out the FCCE programme after completion of feedback from the China pilot programme.

Approved the corporate and business plan for the new subsidiary company, FIDIC Consulting Services

UPDATES FROM FIDIC BOARD AND STRATEGY MEETINGS IN TOKYO

• Fully supported the current progress made and outlined a road map on strategic collaboration with industry partners to revitalise the FIDIC adjudication assessment programme and FIDIC accredited training programme.

• The board noted the progress made by the secretariat on the development of an appropriate corporate strategy to protect FIDIC intellectual property (IP) and copyright. Approval was granted to consult specialist IP legal experts to assist with the development of appropriate commercially viable IP and copyrights to protect FIDIC interests.

• Endorsed and approved the introduction of FIDIC Ambassador member status under the board nomination direction, but delay implementation until six months after the next FIDIC general assembly meeting in September 2020.

• Nominated Mark Pehlig as the FIDIC board representative at the EFCA board and empowered the CEO to identify a FIDIC member association in Europe, who is not an EFCA member, to form the new FIDIC Europe board.

The board and secretariat team will continue to work towards the delivery of the approved board actions over the coming months.

I would like to take this opportunity to thank all FIDIC board members, our committees, the DNS council, ASPAC regional representatives, the executive of the Japan national association ECFJA and the secretariat staff for their collective contributions to the board strategy workshop and meetings held in Tokyo, Japan.

The next FIDIC board meeting is scheduled for 1-2 May 2020 in Washington DC, USA. I will update you after then on the outcome of our ongoing and future projects.

With best wishes,





- FIDIC Training Courses Modules 1 & 2 DATE: 24-27TH March 2020 Venue: GhIE Conference Room
- **FIDIC Procurement Processes** Date 16th and 17th March 2020 Venue: GhIE Conference Room
- **FIDIC-GAMA Conference** Date: 19th to 21st April 2020 Venue: Gaborone, Botswana
- **FIDIC 2020 Infrastructure** Date: 13th to 15th September 2020 Venue: Geneva, Switzerland



GCEA 2019 YEAR PLANNER

	GHANA CONSULTING ENGINEERS ASSOCIATION																						
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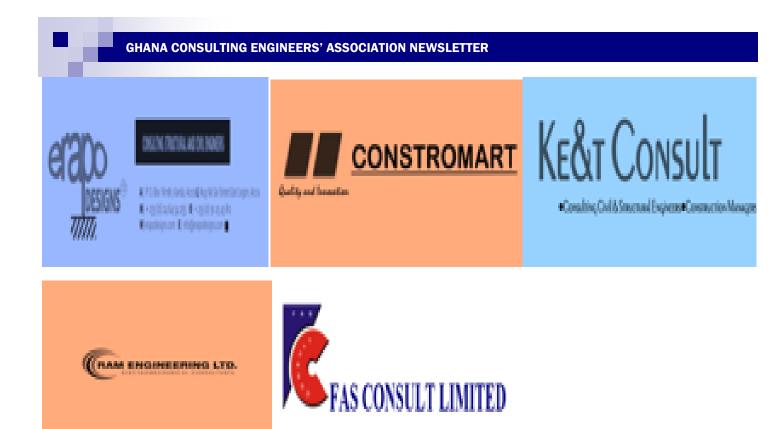
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ENGINEERS CENTRE, 13 CONTINENTAL ROAD, ROMAN RIDGE, ACCRA, GHANA P. O. BOX OS 1768, OSU – GHANA Membership is open to all Consulting Firms in the country. Staff of Member Firms who want to join any of the committees can send a mail or call the numbers below.





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Email: gceagh@gmail.com & admin@gcea.org.gh



GHANA CONSULTING ENGINEERS ASSOCIATION EST. 1973

Conference Venue: Engineering Center, Roman Ridge, Accra.