



# GhIE

GHANA INSTITUTION OF ENGINEERING

## SUSTAINABLE DEVELOPMENT GOALS



# MANAGEMENT Report *For*

## 2020/2021 COUNCIL YEAR

*Prepared by:*

**Ing. Kwabena Agyei Agyepong.**  
OV, FGhIE, M.ASCE Executive Director

Platinum Partner



Gold Partner



Bronze Partner





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An aerial photograph of a city, likely Nairobi, Kenya, featuring a large stadium (Nairobi National Stadium) and surrounding urban development. The image is overlaid with a semi-transparent blue filter.

# SECTION A

## ORDER OF BUSINESS





# ORDER OF BUSINESS

- 1.0 OPENING OF AGM & GHIE PRESIDENT'S WELCOME ADDRESS
- 2.0 ADOPTION OF AGENDA
- 3.0 ELECTIONS
- 4.0 PRESENTATION OF NEW COUNCIL
- 5.0 MINUTES OF THE 51<sup>ST</sup> ANNUAL GENERAL MEETING
  - 4.1 Confirmation of Minutes
  - 4.2 Matters Arising out of Minutes
- 6.0 MANAGEMENT REPORTS FOR THE COUNCIL YEARS 2019/2020 & 2020/2021
- 7.0 FINANCE
  - 6.1 Introduction of New Auditors
  - 6.2 Report of the Auditors for the years-ended December 31, 2019 & 2020
  - 6.3 Budgets for the Years 2020 & 2021
  - 6.4 Financial Report for the Year 2020
  - 6.4 Proposals for Subscriptions for the Year 2021
- 8.0 OTHER MATTERS
- 9.0 CLOSING

## Welcome Address



**Ing. Leslie Alexander Ayeh, FGhIE**  
President, GhIE

Past Presidents of the GhIE,  
Council Members,  
Esteemed Members of the GhIE,  
It is my privilege and honour to  
welcome you all to the 2021 Annual  
General Meeting.

Fellow Engineers,  
Another year has gone by, and by the  
Grace of the Almighty God, we have  
made it.

The challenge of the pandemic has  
trimmed our normal activities but has  
enabled us to think "outside the box"  
and thus enabled us to still "tick".

Several times, I have prayed to the  
Almighty God to take this virus away  
but like Apostle Paul said "God's grace  
has been enough and his power has  
been manifested in our current  
challenge".

The absence of in-person activities has  
taken out the excitement of gathering  
but it is my prayer and hope that  
normalcy should be restored soon.

Growth however, in terms of  
membership did not elude us as we saw  
many more Engineers, both Ghanaians  
and non-Ghanaians, acknowledging  
the need to be compliant with the  
Engineering Council law.

The strategic plan which was drawn by  
the leadership of Council had in its  
projection a target to have membership  
of Registered Engineers on the roll to be  
8,000 by the year 2023. This figure had  
been achieved by January 2021 and  
with the current growth pattern should  
exceed this target significantly.

Sadly this cannot be said about the  
other occupational groups, but it is  
hoped that with the machinery set in  
motion, the targets could be reached.

Our desire to be of relevance in  
governance in this country has  
achieved modest success as the  
authorities have cherished the visits to  
the seat of government.



The take-away from the ethics lectures we have had this year should empower us to embark on a better trajectory in our various journeys of professional life. We should all endeavour to deal with any elements within us which cast dark shadows on our noble profession.

We have quoted Past President Ing. Dr. Kwame Boakye on several occasions that "Ghana is going nowhere without Engineering", and our theme for the 2021 conference, "Engineering, Key to Achieving the Sustainable Development Goals" should at the end of the conference arm us with not only knowledge but with potential deeds which should ignite hope in Ghanaians and not smother it.

The nation is depending on us for the long-awaited transformation of this Economy from being Fragile to being Robust.

I am on this day charging all of us to ensure that in the coming years, our names would be found in minutes of meetings of our several committees; as we need all hands on deck if we are to be taken seriously.

Furthermore, I implore all of us to strive to continue learning as we find our names boldly written in the list of attendance on Webinars, Seminars and Evening Sessions at the Institution.

Welcome once again and God bless you.



# GhIE

## GHANA INSTITUTION OF ENGINEERING

# SECTION B

## MINUTES OF PREVIOUS ANNUAL GENERAL MEETING



**PLEASE REFER TO MANAGEMENT REPORT OF THE  
2019/2020 COUNCIL YEAR WHICH MAY BE DOWNLOADED  
FROM THE GHIE WEBSITE**

<https://ghie.org.gh/2021/03/17/welcome-to-the-51st-meeting-and-conference-resource-page/>





## MISSION

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## SECTION C

# MANAGEMENT REPORT - 2020/2021 COUNCIL YEAR

## 1.0 INTRODUCTION

The 2020/2021 Council Year of Ghana Institution of Engineering (GhIE) started in April 2020.

The GhIE continued to be guided by the following Strategic areas in pursuant of its Vision and Mission:

1. Corporate Governance
2. Education and Training
3. Professional Practice
4. Membership and Welfare
5. Public Interest

The Management report seeks to provide updates/information on the activities of Council, the Executive Committee; Standing Committees and Special Committees, highlighting on the main GhIE activities for the Council Year 2020/2021, which incidentally also falls within the period of the global Covid-19 pandemic. of chairpersons of GhIE Technical Divisions, which was due was also deferred to 2021.



## 2.0 CORPORATE GOVERNANCE

Preparations towards the Annual Conference and General Meeting in March 2020 were ongoing. The Accra International Conference Centre was booked as the venue for the conference. Invitations to the Keynote Speaker and guests had been sent out. The Management Report for the 2019/2020 Council Year had been put together and the external auditors were ready to deliver their opinion. Then the World Health Organisation (WHO) officially declared the Covid-19 Pandemic and subsequently the President of the Republic suspended all conferences and similar events.

In the light of the above the Ghana Institution of Engineering (GhIE) had to take measures to comply with the President's directives whilst continuing to work through its structured governing body comprising of the Council, Executive Committee, Standing Committees and Special Committees with the support of the secretariat. Council and Executive Committee meetings were held every month except May, July and August 2020. The meetings were held online by Zoom due to the pandemic.



The 52<sup>nd</sup> Anniversary and Engineering Week Celebration including the Annual General Meeting (AGM) planned for March 2020 could not therefore come off. Legal consultations were undertaken by the Executive Committee culminating in the characterization of the situation as 'force majeure'. A special council meeting was therefore held in April 2020 to ratify a resolution approving on behalf of the AGM, the 2020 Budget as previously discussed by Council as an interim budget to enable the Secretariat function during the period of force majeure. It is also noted that the election of chairpersons of GhIE Technical Divisions, which was due to be held in 2020 was also deferred to 2021.



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### GHIE COUNCIL RESOLUTION ON 2020 INTERIM BUDGET

**RESOLUTION** approving on behalf of the **ANNUAL GENERAL MEETING (AGM)**, the 2020 Budget as discussed by Council as an interim budget to facilitate the operation of the GhIE during the period of the COVID-19 Pandemic which is classified as a force majeure.

#### WHEREAS

1. The General Meeting is the highest decision making body of the Ghana Institution of Engineering (Article 14.2); and
2. The Annual General Meeting shall be held in March of every year (Article 14.3)
3. Ghana Institution of Engineering is obligated to hold the Annual General Meeting to approve and/or ratify 2020 Budget and other matters as discussed by Council.
4. Ghana Institution of Engineering is unable to hold the 2020 AGM due to force majeure attributable to safety precautions ordered by the Government of Ghana.

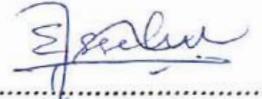
**NOW**, therefore, **BE IT RESOLVED**, that the Council approves on behalf of the AGM, as follows:

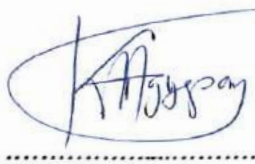
1. The 2020 Budget as discussed by Council as an interim budget to facilitate the operation of the Secretariat during the period of force majeure.
2. In order to ensure accountability, Council shall as soon as possible after the force majeure, submit the 2020 Budget to AGM for consideration and ratification.

**BE IT FURTHER RESOLVED** that the Council of Ghana Institution of Engineering shall prepare for the purpose of ensuring AGM mandate, procedures to follow in the event of a future force majeure.

Passed and adopted this 27<sup>th</sup> day of March 2020

  
Ing. Leslie Alex Ayeh, FGhIE  
President

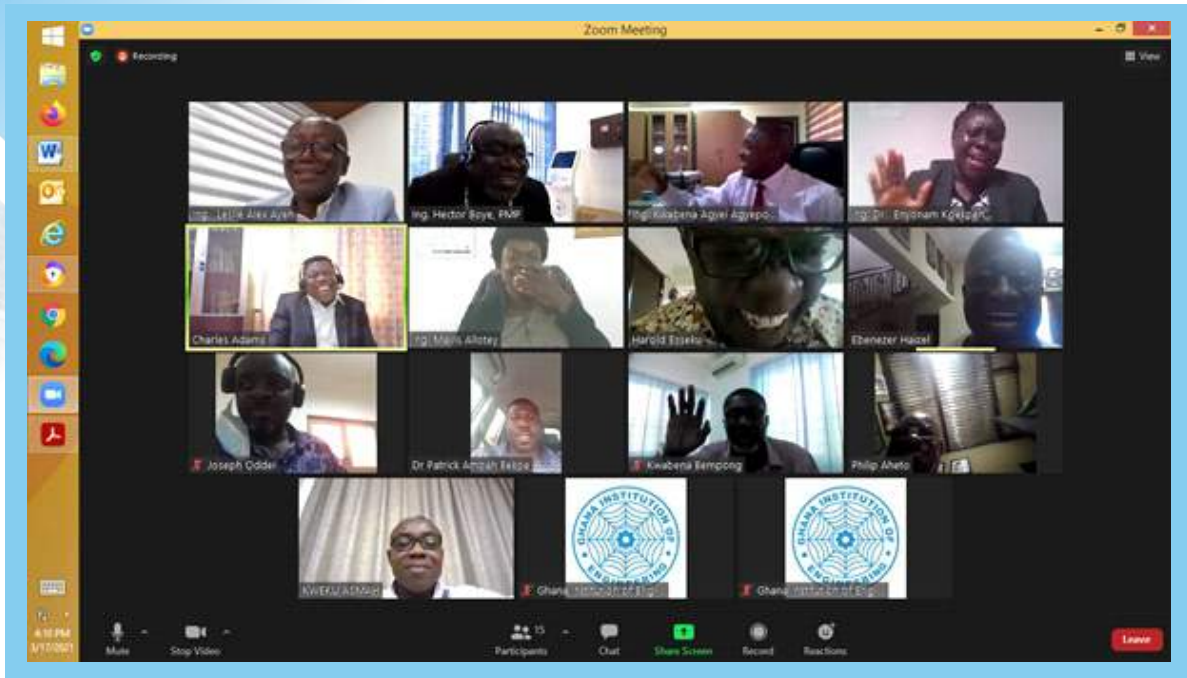
  
Ing. Harold Esseku, FGhIE  
Vice President

  
Ing. Kwabena Agyei Agyepong, OV, FGhIE, M.ASCE  
Executive Director

## 2.1 Composition of 2020/2021 Council

In accordance with GhIE Constitutional Provisions, the 2020/2021 Council was constituted with membership comprising President, President-Elect, Vice President, Executive Representatives, Chairs of Technical Divisions, Chairs of Regional Branches, National Councillors and Representatives of Engineering Education and Service Providers.

The final Council Meeting for the period under review was held via Zoom online meeting software on Wednesday, March 17, 2021.



## 2.1 Standing and Special Committees of Council

To achieve the objectives and facilitate the operations of the GhIE, Standing and Special Committees of Council are established to work through the Council Year. These are:

- (a) Finance Committee
- (b) Membership Committee
- © Education and Training Committee
- (d) Professional Practice and Ethics Committee
- (e) Publications Committee
- (f) Welfare Committee
- (g) Conferences and Programmes Committee
- (h) Special Committees:
  - a. Information Communication Technology
  - b. Research and Awards
  - c. Elections Committee

See Appendix A for the list of Committees of the 2020/2021 Council Year and associated Members.

### 2.1.1 Publication

GhIE Secretariat ensured that the GhIE website was regularly updated with reports of GhIE activities and other engineering issues of public interest.

### 2.1.2 Conferences & Programmes

Major activities organised during the 2020/21 Council Year were:

- Ghana Infrastructure Conference.
- Distribution of baskets, nose marks, hand sanitizers and veronica buckets to market women in selected markets in Accra, Kumasi and Tema.
- Federation of African Engineering Organisations (FAEO) 5<sup>th</sup> Presidential Investiture ceremony.
- 50<sup>th</sup> Presidential address of the Institution.
- UNESCO World Engineering Day celebrations.
- Planning for the 2021 Annual Conference was underway

It is noted that due to the ongoing Covid-19 pandemic, participation in most of the above was primarily undertaken online.

### 2.1.3 ICT

The following activities were in progress:

1. Online Engineering professional exams
  - Technical presentations and oral interviews were undertaken online by Zoom as much as practicable due to the pandemic.
  - Plans were underway to review the examination portal and the required inputs for exam registration.
  - Preparations were being made to commence use of personal computers for examination essay writing online.
2. New ERP software for database management at the Secretariat - Ongoing
  - GrowthZone software is now fully operational for correspondence (e-mail), membership billing and accounting through integration with QuickBooks software. Its other capabilities with respect to event management and general use by members were being worked on.
3. ID Card/Event Management Booths
  - Opportunities for use were limited due to the Covid-19 pandemic.

## 2.2 Technical Division Reports

### 2.2.1 Mechanical/Agric/Marine Tech. Division

- Collaborated with the GhIE President and Secretariat to undertake a visit to the headquarters of the Driver and Vehicle Licensing Authority on Thursday, May 28, 2020. Discussions were held with top management to understand how digitisation was helping in eliminating middlemen (Goro Boys) and to commence deliberations towards executing a Memorandum of Understanding (MOU) for a collaboration towards improving the knowledge and skills of engineering practitioners in the automobile industry and enhancing training and exposure of lecturers and students of Ghana's Educational Units. Licensing of garages and vulcanises was also to be looked at.



- Collaborated with the GhIE President and Secretariat to undertake a visit to the Volkswagen Assembly Plant at North Industrial Area, Accra on Friday, August 7, 2020.
- Collaborated with the Petroleum Commission from September 28 to October 9, 2021 to produce a policy document to guide activities of the Ghana Institution of Welding.
- The 2<sup>nd</sup> Dialogue on "Indoor Air Quality" (IAQ) was held online on 18<sup>th</sup> March 2021. The topic was 'Infectious Disease Controls for HVAC Systems'. The presenter for the webinar was Robert Bachynski P.Eng. of Canada. His submission centred around how operation of heating, ventilating, and air-conditioning systems, can reduce airborne exposures of the SARS-Cov-2 virus that causes the Covid-19 infection.

### 2.2.2 Civil Technical Division

- Finite Element Analysis in Geotechnical Engineering (Virtual) on 19<sup>th</sup> Nov 2020 by Ing. Reginald Hammah of Rocscience.
- Organized a 5-day virtual design workshop on Tailings Dam and its Management from November 21 to December 5, 2021 to enhance competency of Geotechnical and related Engineering practitioners. The resource person was International Expert Monica Ansah-Sam from Canada. The workshop presented considerations for designing, constructing and closing of tailings and In-pit facilities.
- The Civil Technical Division spearheaded development of practicing guidelines to complement the Standard and Professional Practice Documents. The following practising subgroups were re-energised in November 2020 to this effect:
  - Geogroup – Geotechnical, Geological, Geophysical, Hydrogeological, Geo-environmental and related disciplines;
  - Structural Subgroup – all structural engineering and related disciplines;
  - Water, Sanitation and Environmental Subgroup – all related disciplines
  - Transportation Subgroup – all related disciplines
  - Geomatic – Engineering surveyors and all related disciplines
  - Construction Management

Draft documents were completed by the Structural and Construction Management subgroups.

- From failure to success: Improving Engineering Designs from failure lessons (Virtual) on 4<sup>th</sup> February 2020 by Ing. Reginald Hammah of Rocscience

### 2.2.3 Electrical/Electronics

Major activities organised during the 2020/21 Council Year were:

- Visits to TROPICAL CABLE & CONDUCTOR, Tema from 10 July to 24 August, 2020. A maximum of four members visited on each occasion, in accordance with Covid-19 protocols. All members found the visit very useful.
- Review of Cape Coast Technical University, BSc Renewable Energy Course in November 2020.
- Collaboration with the International Electrotechnical Committee (IEC) of the Ghana Standards Authority to facilitate presentations by Young Professionals on Standards on World Engineering Day (March 4, 2021).

- Presentation on Surge Protection Devices on March 17, 2021 by the Chair, Ing. K. D. Laryea.

#### 2.2.4 Chemical/Mining

The Chemical /Mining Division continued support activities as follows:

- Submitted a policy request in relation to how the mining enclave can meaningfully contribute to the activities of the Institution.
- Collaborated with the Ghana Standards Authority to set up an Audit Team to assess Cement Producers in Ghana at the invitation of the ministry of Trade and Industry.
- Active roles in the conduct of Engineering Professional Examinations.
- The Chair facilitated provision of ten (10) laptops from Vodafone for examinations.

### 2.3 Regional (Branch) Reports

#### 2.3.1 Ashanti (Branch 1)

Some of the major activities done by the Branch were as follows:

##### Membership Examinations

- a. Pre-examinations workshop held on June 20, 2020 on KNUST Campus.
- b. Engineering Professional Examination (EPE) held on July 25, 2020 on KNUST Campus.
- c. EPE held at AngloGold Ashanti – Obuasi on February 27, 2021

##### Other Issues

- a. A Local Organising Committee (LOC) was formed for the 2021 Annual Conference planned to be held at Kumasi.
- b. The petition from engineers of AngloGoldAshanti petitioning GhIE Council to form a branch had been responded to.

#### 2.3.2 Bono, Bono East & Ahafo (Branch 2)

Some of the major activities included:

##### Membership Examinations

- d. Engineering Professional Examination (EPE) held on October 31, 2020 at the University of Energy and Natural Resources in Sunyani.

#### 2.3.3 Eastern (Branch 3)

The bulk of Eastern Regional Branch of the Ghana Institution of Engineering (GhIE) belong to the Society of VRA Engineers.

#### 2.3.4 Greater Accra (Branch 4)

The Branch was engaged in the following activities:

- Webinar on "Providing Confidence in Concrete Reinforcements Steels Through Testing" by Ing. Daniel Kwarkyi ([Danest Engineering](#)) on September 17, 2020. The presentation centred on quality assurance and quality control according to BS 44449.
- Joint Programmes with other Technical Divisions and Committees.

#### 2.3.5 Northern, North East, Savannah, Upper East & Upper West (Branch 5)

Some of the major activities done by the Branch were as follows:

##### Membership Examinations



- a. Engineering Professional Examination (EPE) held on Saturday, 6<sup>th</sup> February, 2021 with 27 candidates at Tamale Technical University. Some panelists joined by Zoom from Accra.



The branch arranged to have the two (2) best graduating engineering students of the University of Development Studies School of Engineering presented with laptops by the Institution.

### 2.1.1 Volta & Oti (Branch 6)

Some of the main activities done by the Branch were as follows:

- Represented the Ghana Institution of Engineering to present the Best Engineering Student Award at the Ho Technical University.

### 2.1.2 Central, Western & Western North (Branch 7)

The Region engaged the following issues and activities

- :Engineering Professional Examinations were planned and held on 28th November, 2020 at the Takoradi Technical University. The number of participants that showed up was forty-five.

### 2.1.3 Women IN Engineering (WINE)

Women IN Engineering undertook a couple of programmes in the 2020/21 Council year. Notable amongst them were the following:

- Presentation of a proposal to re-engineer markets in Ghana for the COVID-19 period and beyond. The proposal was presented to the Minister of Sanitation and Water Resources, Hon. Cecilia Dapaah with copies sent to the Minister for Local Government and the Minister for Gender and Children Affairs on Wednesday, April 22, 2020. The WinE Ghana also presented baskets, nose marks, hand sanitizers and veronica buckets to be distributed to the market women in selected markets in Accra, Kumasi and Tema.
- Represented the Ghana Institution of Engineering to collaborate with the Science and Technology Policy Research Institute (STEPRI) and the College of Engineering at the KNUST and the University of Abomey-Calavi in Benin to launch the "Women in Engineering Education and Careers in Benin and Ghana" Project at the Erata Hotel,



Accra on 1st October, 2020. The general objective of the project is to contribute to bridging the gender gap in engineering in Ghana and Benin through original research and policy recommendations.

## 2.1 GhIE Secretariat

### 2.1.1 Secretariat Staff and HR Issues

The following staff movements occurred during the Council Year:

- (i) Mr. Franklin D. Asante retired from active service upon reaching the SSNIT compulsory retiring age.

The current staff list is as shown below:

No.	STAFF	POSITION
1.	Ing. Kwabena Agyei Agyepong	Executive Director
2.	Mohammed Issah	Dir. Corp. Affairs & Information Resources
3.	Ing. Hector Boye	Acting Director of Operations
4.	Benjamin Akunarh	Accounts Manager
5.	Ayishetu Osman	Administrative Officer
6.	Jacqueline Beecham	Programmes Officer
7.	Franklin D. Asante	Senior Account Clerk
8.	Frederick Okae	Assistant Clerk
9.	Rita Adobea Antwi	Assistant Membership Officer
10.	Benjamin Bartels	Assistant Accounts Officer
11.	Richard Acheampong	Assistant IT Officer
12.	Franklin Boadu	Assistant IT Officer
13.	Marion Somuah Nyarko	Assistant Membership Officer
14.	Edward Y. Berkoh	Driver
15.	Martin Acheampong	Gardener
16.	Tahiru Dimah	Dispatch Rider
17.	Peter Wegble	Cleaner



Advertisements for the positions of Director of Membership Services and Director of Professional Practice were published at the GhIE website.

### 2.1.1 Prof. Sam Owusu-Ababio on Sabbatical Leave with GhIE

Prof. Sam Owusu-Ababio of the Department of Civil and Environmental Engineering of the University of Wisconsin, Platteville, U.S.A., on Wednesday, July 29, 2020 ended his sabbatical with the Ghana Institution of Engineering (GhIE) which he started in February 2020. He had been on sabbatical leave since February and working on the review of the Institution's Code of Ethics.



### 2.1.1 Activity Report

Due to the ongoing pandemic, a decision was made to undertake a lot of activities on a virtual platform. The Secretariat organised a number of webinars including CPD courses during the period under review.

<i>Date</i>	<i>Topic</i>	<i>Presenter</i>
7/5/20	2020 Ethics Lecture Series - An Ethics Primer for Engineers (Module 1 & 2)	Professor Sam Owusu-Ababio of University of Wisconsin on Sabbatical Leave with GhIE.
14/5/20	Supporting Engineers with Essential Knowledge and Technology Trends Discovery	Mr. Eric Amponsah Amoafu of University of Ghana and University of South Africa Ahmed Helmy of Elsevier in Africa

28/5/20	2020 Ethics Lecture Series – Why People with Good Intentions Sometimes Make Poor Ethical Decisions (Module 3)	Professor Sam Owusu-Ababio of University of Wisconsin
4/6/20	Enhancing Engineering Research & Project Management (Using the Elsevier Mendeley Reference Manager)	Mr. Eric Amponsah Amoah of University of South Africa
11/6/20	2020 Ethic Lecture Series – Introduction to Ethics Fundamentals (Module 4)	Professor Sam Owusu-Ababio of University of Wisconsin
18/6/20	Networking as an Effective Marketing Tool	Professor Pikay Richardson of Manchester Business School
20/6/20 27/6/20	Introduction to AutoCAD Civil 3D	Dalex Institute of Technology in partnership with CADD Centre Training Services
2/7/20	Safety Culture Perception of Some Ghanaian Industries	Dr. Charles Kofi Klutse of GAEC, Nuclear Power Institute
3/7/20	Autodesk Inventor Software Training for Mechanical Engineering Professionals	Cab Royale Limited
6/7/20	Covid - 19 Health And Safety/Hygiene Guidelines And Procedures For Constructional Sites – The Role Of Engineers And Built Environmental Professionals	Ing. Ben Aniagyei
11/7/20	STAAD Pro Training	Dalex Institute of Technology
16/7/20	Game Changing Cloud Estimating For The Built Environment	Marnus Janse Van Rensburg of CCS Candy - South Africa
23/7/20	Dialogue on Executive Project Sponsorship	Prof Willem Louw of University of Stellenbosch Business School
27/7/20 28/7/20 29/7/20	3-Day Course in Pavement Design	Facilitated by Professor Sam Owusu-Ababio on Sabbatical Leave from University of Wisconsin - Platteville
30/7/20	Discussing the Importance of Good	World Green Building Council

	Governance, and Effective Strategies that will help your Organisation to Flourish	
9/8/20	Unleashing Excellence: Time with Women In Engineering	Augustina Kwao-Sarbah of Haywood – Sarbah Solutions Ltd.
20/8/20	Project Leadership in the “New Normal”	Prof Mias de Klerk of University of Stellenbosch Business School
17/9/20	Providing Confidence in Concrete Reinforcements Steels Through Testing	Ing. Daniel Kwarkyi of Danest Limited.
18/9/20	A Sustainable Future: Young Engineers and the Fourth Industrial Revolution (4IR)	World Federation of Engineering Organisations (WFEO)
24/9/20	Strategies and Tools for Productivity Improvement	Ing. Ben Aniagyei for Association of Ghana Industries
26/9/20	Time and Cost Management Using Primavera	Dalex Institute of Technology in partnership with CADD Centre Training Services
30/9/20	Master Class In Building Information Modelling (BIM)	Cab Royale Ltd. and Institution of Engineering & Technology - Ghana
6/10/20 7/10/20	Advanced Technical Report Writing	Dr. Kobby Mensah of the University of Ghana Business School
10/10/20	Load Flow Analysis Using Electrical Power System Analysis Software	Dalex Institute of Technology in partnership with CADD Centre Training Services
12/10/20	Engineering The Future – Climate Action	World Federation of Engineering Organisations (WFEO)
19/10/20 20/10/20 21/10/20	Prota Structural Engineering Software with Building Information Management (BIM) Interface for Designing Reinforced Concrete	Cab Royale Ltd.



22/10/20	and Steel Structures	
7/11/20	AutoCAD Civil 3D Staad.Pro	Dalex Institute of Technology in partnership with CADD Centre Training Services
14/11/20	Primavera AutoCAD Electrical	Dalex Institute of Technology in partnership with CADD Centre Training Services
19/11/20	3D Finite Element Modelling	Ing. Dr. Reginald Hammah of Rosscience Africa
21/11/20	Electrical Power System Analysis Reinventing balanced career in Civil industry	Dalex Institute of Technology in partnership with CADD Centre Training Services
4/12/20 5/12/20 12/12/20	Design workshop on Tailings Dam and its Management	International Expert Monica Ansah-Sam from Canada
8/12/20	Engineering The Future – Young Engineers Volunteering for the Future	World Federation of Engineering Organisations (WFEO)
25/2/21	Afri Gablok. Game-Changing Innovative Construction Technology for the Built Environment	TSE Africa Group
4/3/21	Familiarisation of National Standards Development	Young Professional Engineers on the Ghana National Committee of the International Electrotechnical Committee (IEC) of the Ghana Standards Authority
9/3/21	Toward Resilient Societies: The engineering contribution	Committee on Disaster Risk Management (CDRM) of WFEO
11/3/21	Workshop on Cyber-Physical Systems and Cyber-Resilience	Cybersecurity Initiative of University of Delaware
17/3/21	Surge Protection Devices	Ing. K. D. Laryea
18/3/21	Infectious Disease Controls for HVAC Systems	Robert Bachynski P.Eng. of Canada

### 2.1.1 Facilities Maintenance & Assets Management

The main issues arising concerned the following:

- Following government Covid-19 pandemic guidelines including implementation of a shift system and providing sanitizers, sanitizer stations and extra external hand-washing facility (Veronica Bucket)
- Painting of the external façade of the Engineering Centre.

## 1.0 PROFESSIONAL PRACTICE

To further the Council's objective of continuously improve engineering and ethical practice, the Institution partnered Professor Sam Owusu-Ababio of the University of Wisconsin and had arranged for him to take his sabbatical leave at the Secretariat after undertaking a survey and analysis of ethical considerations amongst engineers. The findings and recommendations were presented at a webinar and formed a basis of consequent presentations on ethics as shown in the table above.

The GhIE Code of Ethics was also reviewed and updated by Professor Owusu-Ababio. The document was subsequently approved by Council.

### 3.1 Annual Ethics and Leadership Lecture Series

As previously indicated the Series was relocated to an online platform with webinars from Professor Peekay Richardson and Professor Sam Owusu-Ababio.

### 3.2 Presidential Address

The 50<sup>th</sup> Presidential address of the Institution was hosted by the GhIE in Accra on 5<sup>th</sup> February 2021. Due to COVID-19 restrictions, the address was done via zoom meeting platform and was joined by a large number of engineers in Ghana and on the African continent. Delivering on the theme: Aviation, A Catalyst for Structural



Transformation and Sustainable Development in Ghana, Ing. Leslie Alex Ayeh, argued how using aviation as a vehicle for transformation had been instrumental in the rapid development of several nations such as Ethiopia, Singapore, Dubai and Morocco, and that Ghana could achieve similar results if it got its strategy right. The function was chaired by the eminent legal luminaire Sam Okudzeto. At the end of the presentation, the Chairman lauded Ing. Ayeh for presenting such a comprehensive work on the aviation industry. He encouraged stakeholders in the industry to acquire the document and add it to their body of knowledge since it will be beneficial in their decision making.

### **3.3 BUSAC Fund III Application and Implementation**

The BUSAC Fund III Implementation was completed. The Legislative Instrument (LI) to enhance the effective implementation of the Engineering Council Act 2011 (Act 819) was passed in parliament in October 2020.

### **3.4 Arbitration Services**

During the 2020/2021 Council year the following arbitrations were undertaken:

1. Seth Amofo and Space Turnkey Solutions Limited – started and ongoing
2. Idreco Ghana Company Limited and Tropical Sheaway Global Consulting – ongoing

### **3.5 Advisory Services**

During the 2020/2021 Council year the following advisory services were undertaken:

- Assessment of scrap metal (used liners) materials at the process plant, Newmont Ghana Gold Ltd, Ahafo.
- Assessment of generator at Intravenous Infusions Limited, Koforidua

### **3.6 International Relations and Allied Bodies**

International relations issues that were dealt with and international Conferences/Workshops that the GhIE participated in were as follows:

#### **3.6.1 West African Federation of Engineering Organisations (WAFEO)**

The Institution continued to host the secretariat of WAFEO and having the GhIE Executive Director (ED) Ing. Kwabena Agyei Agyepong serving as the current WAFEO Executive Secretary. The GhIE President, Ing. Leslie Alex Ayeh, has been elected to serve as the President of WAFEO.

#### **3.6.2 Federation of African Engineering Organisations (FAEO)**

Ing. Mrs. Carlien Bou-Chedid, Past President of the GhIE, was on Friday, 29<sup>th</sup> January, 2021, sworn-in as the President of FAEO. The impressive FAEO 5<sup>th</sup> Presidential Investiture ceremony was hosted virtually by the Ghana Institution of Engineering (GhIE). Participating engineers included Executive Vice President of the World Federation of Engineers, Engr. M. B. Shehu, Immediate Past President of FAEO, Eng. Martin Manuhwa, Past Presidents of FAEO, Executive Board Members and Regional heads of FAEO, Representatives of the World Federation of Engineering Organizations, AU, UNESCO, FEIAP and Women in Engineering (WiNE) of the World Federation of Engineering Organizations, Presidents and Chief Executive Officers of



Professional Engineering Institutions and Engineering Organizations, Past Presidents of the GhIE, as well as the President of GhIE, Ing. Alexander Leslie Ayeh, Executive Director of GhIE, Ing. Kwabena Agyei Agyepong and members of Ghana Institution of Engineering.



The investiture was the high point of FAEO Week and was preceded by a symposium, the General assembly and Awards and Recognition ceremony that were all held online.

### 3.6.3 Africa Catalyst Project

The GhIE in conjunction with the Sierra Leone Institution of Engineers (SLIE) as part of the West Africa Federation of Engineering Organisations (WAFEO) successfully applied for the Phase III of the African Catalyst Project. This project aims to establish an initial framework for the harmonization of engineering education in Western Africa. It also looks at strengthening the capacity of engineering institutions to respond simultaneously to the educational and employability needs of populations. The project is made up of three parts:

- Part 1 – Review of member country internal accreditation systems.
- Part 2 – Independent assessment of 2 further degree courses.
- Part 3 – Pave the way towards attaining international accreditation.

KNUST and Accra Technical University have been selected by GhIE to pilot the project.

### 3.6.4 The Society of Liberian Engineers 2021 Annual Conference

The Institution was represented by the President, Ing. Leslie Alex Ayeh at the 2021 annual conference of the Engineering Society of Liberia (ESOL) held from 10<sup>th</sup> to 13<sup>th</sup> February, 2021. GhIE presented a plaque to ESOL congratulating them for the occasion.



### 3.6.5 Nigeria Society of Engineers (NSE) – 2020 National Engineering Conference– Abuja, Nigeria

The conference was held from 16<sup>th</sup> – 20<sup>th</sup> November, 2020 under the theme “Engineering Education And Lifelong Learning Opportunities For Sustainable Development”. The President, Ing. Leslie A. Ayeh represented the GhIE. He was pleasantly surprised when he was presented with a birthday cake in commemoration of his birthday which coincided with the event.

### 3.6.6 The Institution of Engineers of Kenya 27<sup>th</sup> International Annual Conference

The Institution was represented by the President, Ing. Leslie Alex Ayeh at the 27<sup>th</sup> International Annual Conference of the Institution of Engineers of Kenya (IEK) from November 24 – 27, 2020.

### 3.6.9 World Engineering Day

The Ghana Institution of Engineering (GhIE) joined UNESCO, WFEO and the rest of the world in commemorating World Engineering Day (WED) on 4<sup>th</sup> March 2021. The following activities were organised:

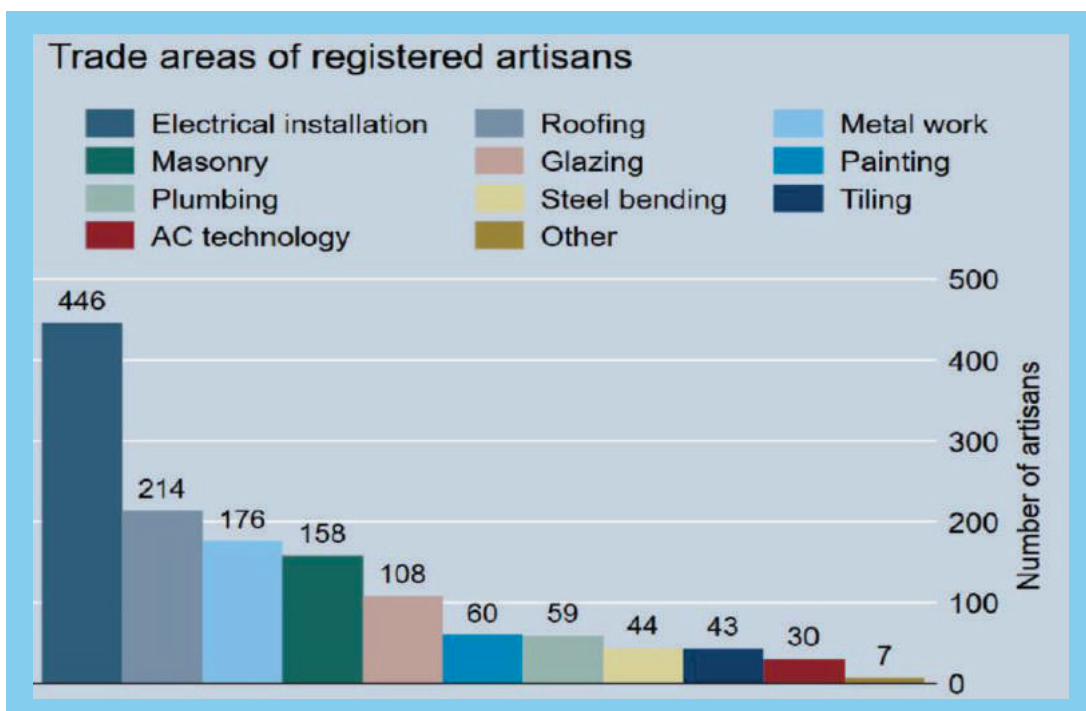
- Launch of WED by the outgoing Minister for Works and Housing, Hon. Atta Akyea on GTV, Joy News, CitiTV and UTV
- GhIE Technical Divisions webinar
- GhIE Young Engineers webinar

### 3.7 PROFESSIONALIZATION OF ARTISANS

The Institution is collaborating with GIZ, Vodafone, Bosch, National Vocational Training Institute, Consolidated Bank of Ghana and the Artisans Association of Ghana to certify artisans. The Project involves the following:

- Development of an artisan directory, upskill training, retooling/tooling with modern technology, certification by a national TVET body, and licensing by GhIE.
- Development of criteria for accreditation of technical vocational educational and training institutions.
- Development of standards for engineering craftsman competence.
- Mapping the landscape for artisan trade practice in Ghana.

With reference to the above-mentioned objectives, it was agreed to merge the Research/Assessment: Mapping of artisan landscape and the Mobilisation/Date Collection/Registration of Artisans in Phase 1 of the Project using Accra/Tema as sample to represent the Coastal Zone of Ghana, Kumasi to represent the Middle Zone and Tamale to represent the Northern Zone. The GhIE actively commenced the project on August 12, 2020 as per a signed agreement with GIZ. Forty-seven (47) field workers and two (2) GhIE members were used as per the budget requirements. By the end of the enumeration period on December 5, 2020 a total of 1,350 artisans across various trades associated with building construction had been captured across the 3 ecological zones.





Detailed assessment of the artisans and categorisation/grouping as well as development of modalities for licensing and assessment criteria under the proposed GhIE Craftsmen Register were ongoing. It has been proposed that they will currently be registered as GhIE Trainee Professionals. Training institutions in the three cities were also recommended to GIZ.

## 1.0 MEMBERSHIP AND WELFARE

The Council continued its focus on increasing membership and seeking the wellbeing of its members.

### 4.1 Membership

Due to the ongoing pandemic efforts were directed towards shifting most activities onto an online platform. As much as practicable, the technical presentations and oral interviews of the engineering professional examinations (EPE) were conducted online.

#### 4.1.1 Activities Undertaken

The membership committee undertook the following activities:

##### Outreach

Place	Activity	Date	Participants
Kumasi	Pre-Exams workshop	June 20, 2020	80
Online	Pre-Exams workshop	July 3, 2020	200
Tamale/Sunyani	Pre-Exams Workshop	October 17, 2020	71
Tamale	Pre-Exams workshop	February 6, 2021	36

##### 2020/2021 Council Year EPE Participants

Location	Date	Civil	Mech	Chem/ Mining	Elect/ Electr	TOTAL
Kumasi, KNUST	July 25, 2020	44	24	5	45	<b>118</b>
Accra, Engineers Centre	Aug /Sept, 2020	52	33	14	50	<b>149</b>
Ghana Standards Auth.*	October 3, 2020	4	2	4	4	<b>14</b>
Sunyani, UENR	October 31, 2020	28	18	1	20	<b>67</b>
Takoradi, TTU	November 23, 2020	13	17	3	12	<b>45</b>
Tamale, TTU	February 6, 2020	10	8	1	17	<b>36</b>
Obuasi, AngloGold	February 27, 2020	9	8	3	8	<b>28</b>
Special Examination	Feb 26, Mar 12, 2020	11	3	0	0	<b>14</b>
<b>TOTAL</b>		<b>171</b>	<b>113</b>	<b>31</b>	<b>156</b>	<b>471</b>

\* A request from the Director-General for exemption for the managers taking the written examinations was turned down.

##### Induction

Location	Induction	Date	Civil	Mech	Chem/ Mining	Elect/ Eltronic	TOTAL
Online	Special	July 1, 2020	10	24	5	5	45
Online	25 <sup>th</sup>	July 14, 2020	40	26	5	56	127
Online (Planned)	26 <sup>th</sup>	March 22, 2021					258
<b>TOTAL for 2020/2021 Council Year</b>							<b>430</b>

The special inductees included 10 senior officers of the Ghana Army from the ranks of Lt. Col. to Brigadier and an Israeli engineer by name Ing. Mahmud Attila of Amandi.

Swearing in the inductees, the President of GhIE, Ing. Alexander Leslie Ayeh said, the Institution is like a stream connected with its environment. "What is happening today is allowing you to extend your coordinates to flow along with the ever-rolling stream called the GhIE".

The Immediate Past President (IPP) of GhIE, Ing. Steve Amoaning-Yankson advised the senior engineering inductees to use their expertise in engineering to improve the quality of life of Ghanaians in key areas like development of water supply, power, roads, health, sanitation, communication, housing and other infrastructural development in the country.

On his part, the chairman of the GhIE Membership Committee of GhIE, Ing. Kwabena Bempong, said the novel maiden edition of the Special Induction of senior engineers online, is a true testimony of the fact that with or without COVID-19, life must go on and without engineering there would be no development in the country.



The Executive Director of the GhIE, Ing. Kwabena Agyei Agyepong reminded the senior engineers to participate in seminars and evening sessions at the Institution, which helps to mentor the new and young engineers of the Institution.



Information on GhIE Membership as at February 2021

Membership Breakdown by Divisions						
Division	February 2016	February 2017	February 2018	February 2019	February 2020	February 2021
Civil	2173	2247	2384	2565	2899	3025
Electrical/Electronics	1310	1405	1730	2033	2284	2458
Chemical/Mining	405	431	492	594	639	751
Mech/Agric/Marine	982	1075	1160	1310	1430	1699
<b>Total</b>	<b>4870</b>	<b>5158</b>	<b>5766</b>	<b>6502</b>	<b>7252</b>	<b>7933</b>

## 4.2 Welfare

### 4.2.1 Activities

The GhIE Welfare Committee reported the following during the period under review:

- Advertising job opportunities and other benefits on the GhIE website for registered members to access.
- Liaising with Ghana Association of Consulting Engineers undertaking negotiations with government on fees for built-environment professionals.
- Attendance on funerals of members and spouses as well as parents.
- Ensuring bereaved spouses of deceased members receive the agreed contribution (currently GHS3,000) from the Institution.



- Ensuring regular contribution/transfer of agreed portion of subscriptions into the welfare account.
- Signatories to the welfare account were changed.

#### 54.2.2 Review of GhIE Welfare System

Council had directed that the Welfare system of the GhIE should be reviewed by the committee. Plans were underway for the necessary actuarial studies to be undertaken.

#### 4.2.3 Algebra Capital Management

Algebra Capital Management, a fund management company had been contracted to manage welfare and 'idle' funds of the Institution. They have ensured appointment of an Independent Trustee for the GhIE funds.

#### 4.2.4 In Memoriam

The following Members were reported as deceased during the period under review:

1. Ing. Dr. Richard Ohene Kwofie
2. Ing. Nelson Offei Osae
3. Oheneba Ing. Theophilus Kwaku Bempong
4. Ing. Prof. Edward Agyapong Baryeh
5. Ing. Collins Akyea Obeng
6. Ing. George Emmanuel Afari
7. Ing. Paul Godfred Kwabena Siaw Omane-Brimpong
8. Ing. Emmanuel Osafo Gyane

### 1.0 REGISTERED ENTITIES REPORTS

#### 5.1 Educational Units

Council has suggested a meeting with National Accreditation Board to verify Engineering Programmes certified. It was proposed that Ing. Prof. Mohammed Salifu should be contacted in relation to this.

#### 5.2 Engineering Service Providers

The adhoc committee including representatives of Built-Environment Professionals and constituted by the Ministry of Works and Housing to review professional fees and rates for these Professionals concluded the requisite negotiations.

### 2.0 PUBLIC INTEREST

The Council continued its mission to have a relevant presence in society by engaging society and airing professional views and ideas on matters of public interest that are within its competencies. The Institution continued to be represented on Bid Evaluation Teams of some government/state projects. The following were some of the other activities undertaken by Council in that regard.

## 6.1 The first-ever Infectious Disease Treatment Facility in Ghana

The GhIE collaborated with other built environment professionals from conceptualisation to the execution of this project, which was completed in 100 days using innovative construction methods. This voluntary contribution was part of a coordinated interdisciplinary effort to support the Ghana Government's response to the COVID-19 global pandemic. The centre was commissioned on the 24th July by the Vice-President of Ghana Dr. Mahamudu Bawumia.



## 6.2 GhIE statement of notification and compliance

Notifications for compliance in conformity with the Engineering Council Act 2011, (Act 819) were issued to inform all engineering service providers, practitioners and the general public to comply with the Act.

## 6.3 Design and Technology Institute (DTI) Precision Quality Programme

The Institution collaborated with DTI, a technical/vocational training institution with focus on young people, to launch the Precision Quality Training Programme (PQ) on Thursday, February 11, 2021. The training programme to equip artisans with the requisite knowledge and skills to meet globally accepted industry standards, was designed and developed in partnership with industry experts and received accreditation from the Council for Technical and Vocational Education Training (COTVET). It forms part of DTI's partnership agreement with the MasterCard Foundation and will create 40,000 direct and indirect work opportunities for young people within the next three years.

#### **6.4 Entity Tender Committees (ETCs)**

The Institution had its members serving on various entity tender committees; numbering over eighty.

#### **6.5 Engineering Regulations**

The Institution successfully had the necessary Legislative Instrument (LI) to enhance the effective implementation of the Engineering Council Act 2011 (Act 819) passed in parliament in October 2020.

#### **6.6 Ghana Transportation Professionals Forum**

The 2020 Ghana Infrastructure Conference (GIC-2020) was organized by Ghana Transportation Professionals Forum (GTPF) of North America in partnership with the Ghana Institution of Engineering (GhIE), and the Regional Transport Research and Education Center (TRECK) of the Kwame Nkrumah University of Science and Technology. Due to the COVID-19 pandemic GIC-2020 was changed to a virtual conference. The virtual conference, held online from August 11-14, 2020, was attended by more than 150 participants each day. The conference offered an opportunity for government officials, professional organizations, research agencies, and the public to engage in dialogue, deliberation, and learning on ways to address Ghana's infrastructure challenges with emphasis on the transportation sector. The theme of GIC-2020 was, Planning and Implementation of Sustainable Transportation Infrastructure.

#### **6.7 Publication of Members in Good-standing**

Due to cost implications, names of members in good-standing are now published at the GhIE website. Plans were underway to make an announcement in the national newspapers in this regard.

#### **6.8 Pre-Validation Workshop For Draft Feasibility Report - Abidjan-Lagos Corridor Highway**

The Institution was represented at the Pre-Validation Workshop of Phase 2 (Technical Economic Feasibility And Preliminary Design Engineering Studies – Lot 1/Ghana Section) on 1<sup>st</sup> and 2<sup>nd</sup> February, 2021. The 2-day session was held on Zoom and comprised a reminder of the corridor validated and presentation of Phase 2: Feasibility and Preliminary Design Study, Traffic Study And Economic Feasibility, Preliminary Design Engineering, and Socio Economic Study And Environment Assessment.

#### **6.9 Meeting Venue for Engineering Council of Ghana (ECGh)**

The Institution continued to support the ECGh by providing the Council Chamber for meetings.

#### **6.10 Ghana Green Buildings Summit 2020**

The Institution continued to partner Yecham Property Consult together with our sister built-environment professional associations to deliver the summit. Due to the Covid-19 pandemic, the summit was held via Zoom on the 24<sup>th</sup> and 25<sup>th</sup> July 2020.



Some of the key takeaways from the discussions included revelations that upon review of the current Ghana Building Regulations LI 1630 (1996) and subsequent approved by parliament, a whole part will be dedicated to green building requirements; existence of incentive packages from state agencies and international development agencies to promote uptake of green buildings; Accra Metropolitan Assembly to incentivize developers to build green by offering rebates on property rates and building permits (30 -50% off) amongst others.

#### **6.11 Meeting Venue for Engineering Council of Ghana (ECGh)**

The Institution continued to support the ECGh by providing the Council Chamber for meetings.

#### **6.12 Ministry of Local Government and Rural Development**

GhIE was represented by the Acting Director of Operations at validation workshops held for the National Local Economic Development Policy (2020) And Action Plan and the Ghana National Spatial Development Framework.

#### **6.13 Ghana Institute of Welding**

GhIE collaborated with the Petroleum Commission to undertake an assessment of welding training capacity in Ghana from September 15 to 18, 2021. This was to obtain information required to apply to join the International Institute of Welding (IIW). This move was found necessary as a first step towards reducing the relatively large numbers of expatriate welders in the upstream Oil & Gas Industry in the country and enhancing local content. After putting together a Policy Document and constitution, the Ghana Institute of Welding (GIW) was established as a corporate body registered with the Registrar-General's Department of Ghana. Ing. Hector Boye, the Acting Director of Operations of GhIE is on the board of directors of GIW.

#### **6.14 Visits to collapsed buildings**

Representatives from the Civil Technical Division collaborated with others from the built-environment professional bodies visited a couple of sites where structural failures were reported in the media. They could however not establish the requisite technical details for proper analysis due to the propensity of owners of these buildings to quickly clear sites of the debris, which covers or removes adequate evidence.

### **1.0 CONCLUSION**

The Ghana Institution of Engineering (GhIE) was relatively active during the 2020/2021 Council year despite constraints occasioned by the Covid-19 pandemic. The Institution during the period under review endeavoured to re-orient itself to the dictates of the Engineering Council Law (Act 819) and the GhIE constitution and bye-laws with respect to membership. Efforts have been made to bring on board engineering craftsmen as well as experienced local and foreign engineering practitioners. Our international efforts have also culminated in a Past President and first woman heading the Federation of African Engineering Organisations (FAEO). We look forward to the proposed restructuring of the Secretariat to effectively and efficiently manage the association as we seek and strive to be of immense benefit



## A Partner in Ghana's Future

From the Gulf of Mexico to the Gulf of Guinea, Kosmos is creating the premier deepwater exploration and production company active in the Atlantic Margin. Distinguished by increasing production, a pipeline of development opportunities and a balanced exploration portfolio, Kosmos has a passion to explore and a drive to produce.

Kosmos Energy and the people of Ghana share a bright future of economic progress and development.





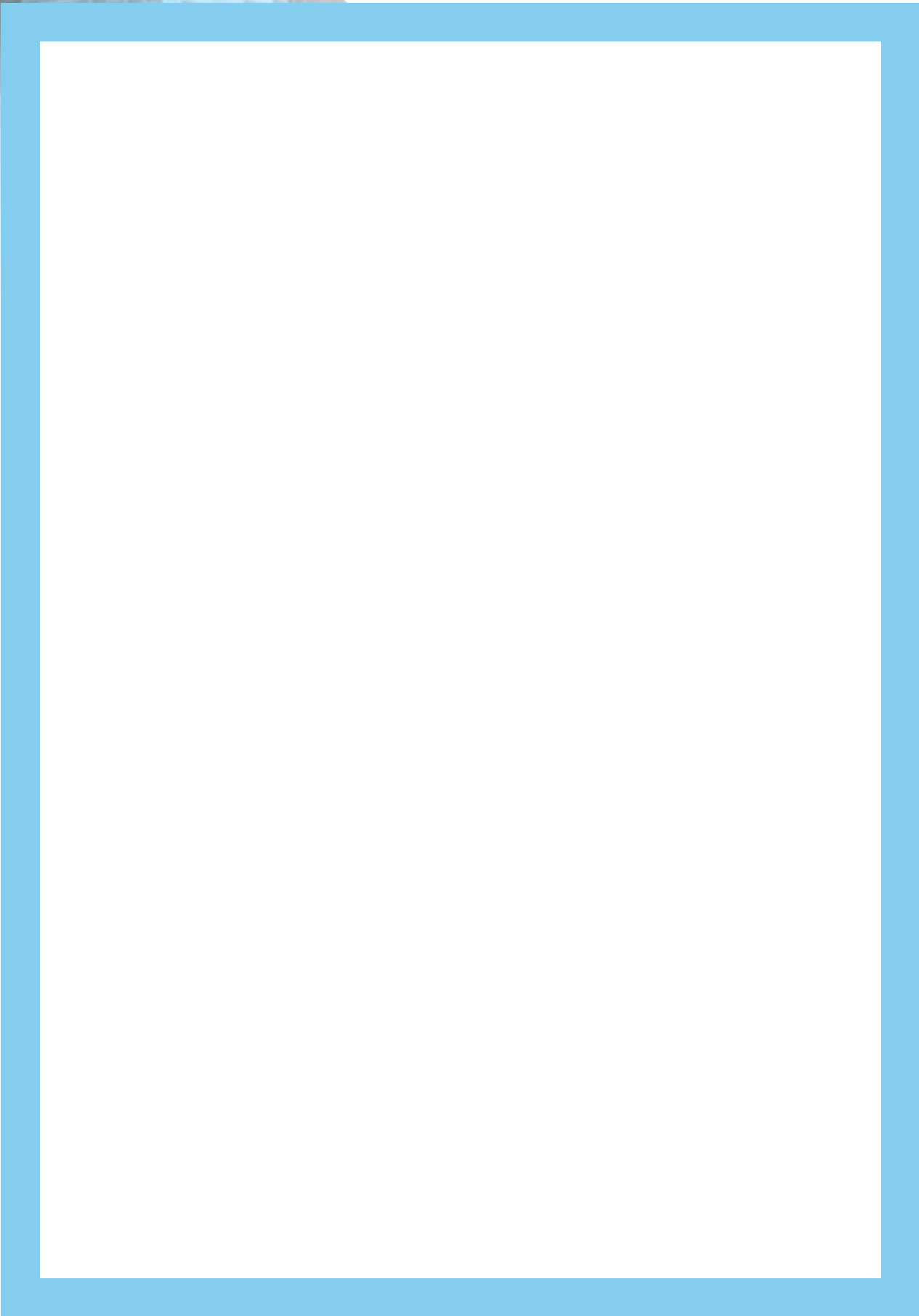
## SECTION D

# FINANCE (AUDITED ACCOUNTS & BUDGET)











**GHANA INSTITUTION OF ENGINEERING**

**FINANCIAL STATEMENTS  
31 DECEMBER, 2020**



**GHANA INSTITUTION OF ENGINEERING****FINANCIAL STATEMENTS****31 December, 2020**

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**GHANA INSTITUTION OF ENGINEERING**

Corporate information for the year ended 31 December, 2020

**Council members**

Ing. Leslie Alex Ayeh	President
Ing. Steve A. Amoaning-Yankson	Immediate Past President
Ing. Rev. Prof. Charles A. Adams	President-Elect
Ing. Harold Esseku	Vice President
Ing. Ebenezer Haizel	Executive Rep., Professional Engineers
Ing. Kwabena Bempong	National Councillor, Chairman, membership Committee
Ing. Dr. Patrick A. Bekoe	National Councillor, Chairman, Education & Training Committee
Ing. Kweku Asmah	National Councillor, Chairman, ICT Committee
Ing. Dr. Mrs. Enyonam Kpekpena	WinE President
Mr. Philip Kwame Aheto	Executive Rep., Technicians
Ing. Dr. Emmanuel K. Nyantakyi	Chairman, Ashanti Region
Ing. Hector A. Boye	Chairman, Greater Accra Region
Ing. Isaac Bedu	Chairman, Eastern Region
Ing. Jacob Brown Yawson	Chairman, Western, Western North and Central Region
Ing. Dr. Eric Ofori-Antwi	Chairman, Bono, Bono East and Ahafo Regions
Ing. Antoinette .A. Agboado	Chairman, Volta Branch
Ing. Prof. Ibrahim Yakubu Seini	Chairman, Northern, North East, Savannah, Upper East & Upper West Region
Ing. Kingsford D. Laryea	Chairman, Mechanical Tech. Div.
Ing. Joseph K. Oddei	Chairman, Civil Tech. Div.
Ing. Michael L. K. Dedey	Chairman, Mechanical Technical Division
Ing. Michael Kweku Nelson	Chairman, Chemical/Minning Tech. Div.
Ing. David K. Nyante	Chairman, Research & Awards Committee
Ing. Mavis Allotey	Chairperson, Programmes & Conference Committee
Ing. William D. Albert Viala	Representative, Engineering Service Providers
Ing. Prof. Mark Adom-Asamoah	Representative Engineering Educational Units
Ing. Kwabena Agyei Agyepong	Executive Director

**Registered office**

13 Continental Road  
P.O. Box 7042  
Accra-North.

**Location address**

13 Continental Road  
Roman Ridge  
Accra.

**Corporate information for the year ended 31 December, 2020 (Cont'd)****Independent auditors**

UHY Voscon Chartered Accountants  
 2<sup>nd</sup> Floor, Cocoshe House, Opposite  
 Silver Star Tower Agostinho Neto  
 Close  
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 Accra-Ghana  
 P.O.Box LA 476 LA, Accra  
 Phone +233 30 2683 430/4  
 E:[info@uhyvoscon-gh.com](mailto:info@uhyvoscon-gh.com)  
 W:[www.uhyvoscon-gh.com](http://www.uhyvoscon-gh.com)  
 GA: 057-1475

**Bankers**

Standard Chartered Bank Ghana Limited  
 Fidelity Bank Ghana Limited  
 Bank of Africa Ghana Limited  
 Ecobank Ghana Limited  
 Universal Merchant Bank Ghana Limited  
 V0004992172

**TIN**



**GHANA INSTITUTION OF ENGINEERING (GHIE)****Financial summary and highlights***(All amounts are expressed in Ghana cedi unless otherwise stated)*

<b>Three-year financial summary</b>			
	<b>2020</b>	<b>2019</b>	<b>2018</b>
Total income	3,367,320	3,225,297	4,334,909
General and administrative expenses	2,204,933	3,365,131	4,238,556
Net operational and other income	1,162,387	(139,834)	96,353
Total assets	6,517,819	4,988,772	4,713,633
Total accumulated fund	5,307,133	4,115,600	4,281,865
Total net assets	5,307,133	4,115,600	4,281,865

<b>Financial highlights</b>	<b>2020</b>	<b>2019</b>	<b>Percentage change</b>
			<b>%</b>
Total income	3,367,320	3,225,297	4.40
General and administrative expenses	2,204,933	3,365,131	(34.50)
Net operational and other income	1,162,387	(139,834)	731.30
Total assets	6,517,819	4,988,772	30.60
Total accumulated fund	5,307,133	4,115,600	29.00
Total net assets	5,307,133	4,115,600	29.00

**Ghana Institution of Engineering**  
**Statement of Council's responsibilities**  
**Council's responsibilities in respect of the financial statements**

The Council is required to ensure that adequate accounting records are maintained so as to disclose at reasonable adequacy, the financial position of the Institution. They are also responsible for steps to safeguard the assets of the Institution and to prevent and detect fraud and other irregularities. They must present financial statements for each financial year, which give a true and fair view of the affairs of the Institution, and the results for that period. In preparing these financial statements, they are required to:

- select suitable accounting policies and apply them on a consistent basis using reasonable and prudent judgment.
- state whether or not the Companies Act, 2019 (Act 992) and International Financial Reporting Standards for Small and Medium-sized Entities (IFRS for SMEs) have been adhered to and explain material departures thereto.
- use the going concern basis unless it is inappropriate.

The Council acknowledges its responsibility for ensuring the preparation of the annual financial statements in accordance with IFRS and the responsibility of external auditors to report on these financial statements. The Council is responsible for ensuring the maintenance of adequate accounting records and an effective system of internal controls and risk management.

Nothing has come to the Council's attention, to indicate any material breakdown in the functioning of the internal controls and systems during the period under review, which could have a material impact on the business.

The financial statements are prepared from the accounting records on the basis of consistent use of appropriate records supported by reasonable and prudent judgments and estimates that fairly present the state of affairs of the Institution. The financial statements have been prepared on a going concern basis and there is no reason to believe that the Institution will not continue as a going concern in the next financial year. The Council confirms that in preparing the financial statements, they have:

- selected suitable accounting policies and applied them consistently.
- made judgments and estimates that are reasonable and prudent.
- followed the International Financial Reporting Standards (IFRS).
- prepared the financial statements on the going concern basis.

The Council is responsible for keeping proper accounting records which disclose with reasonable accuracy at any time the financial position of the Institution and to enable them ensure that the financial statements comply with the Companies Act, 2019 (Act 992). They are also responsible for safe guarding the assets of the Institution and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

**By the order of the Council:**

**Name of Council Member: Leslie Alex Ayeh**

Signature.....



**Date: 24<sup>th</sup> March, 2021**

**Name of Council Member: Kwabena Agyei Agyepong**

Signature.....



**Date: 24<sup>th</sup> March, 2021.**

## GHANA INSTITUTION OF ENGINEERING

### Corporate governance (CG)

#### Overview

The Ghana Institution of Engineering is committed to strong corporate governance practices. The Council is the governing body of the Institution. The Members of the Council in conjunction with the Executive Management provide an effective oversight and management of the Institution in a manner that enhances value to the Members and other stakeholders of the Institution.. The Institution's corporate governance principles are currently not documented in any corporate documents.

#### The Council

There shall be a Governing Body of the Institution to be called the Council. The Council shall be subject to decisions of the General Meeting of the Institution.

The Council shall comprise:

- the President;
- the Immediate Past President (IPP) who shall be the latest living and available Past President;
- the President-Elect;
- the Vice-President
- one (1) Executive Representative for each Occupational Group;
- three (3) National Councilors representing each Occupational Group;
- Chairpersons of Technical Divisions;
- Branch Chairpersons;
- Four (4) Representatives of Registered Entities.

#### Standing Committees of the Council

The Standing Committees of the Institution, together with the Branch Executive Committees and the Technical Division Operations Committees, support the Council and the Executive Committee to undertake the functions and achieve the objectives as set out in Article 3 of the Constitution.

The standing Committees of the Council are:

- the Finance Committee;
- the Membership Committee;
- the Education and Training Committee';
- the Professional Practice and Ethics Committee;
- the Publications Committee;
- the Welfare Committee: and
- the Conferences and Programs Committee.

The distinct functions for the Standing Committees are provided hereunder.

#### Finance Committee

The Finance Committee has the responsibility to ensure good financial management and control, and sustainability of finances of the Institutions. In doing this, the Committee will:



**Councils' Report  
to the Members  
of Ghana Institution of Engineering**

**Council report for the year ended December 2020**

In accordance with the requirements of section 132 of the Companies Act, 2019 (Act 922), we the Council of the Ghana Institution of Engineering submit our report together with the Audited Financial Statements of the Institution for the year ended 31 December 2020.

**Statement of responsibilities of the Council**

The Council is responsible for the preparation of Financial Statements for each financial year which gives a true and fair view of the state of affairs of the Institution and of the surplus or deficit and cash flows for that period. In preparing those financial statements, the Council has selected suitable accounting policies and then applied them consistently, made judgments and estimates that are reasonable and prudent and follow International Financial Reporting Standards.

The Council is responsible for ensuring that the Institution keeps proper accounting records that disclose with reasonable accuracy at any time its financial position. The Council is also responsible for safeguarding the assets of the Institution and taking reasonable steps for the prevention and detection of fraud and other irregularities.

**Nature of business**

The Institution is a not-for-profit professional body established by law in accordance with the Professional Bodies Registration Decree NRCD143 of 1973 and the Engineering Council Act 2011, (Act 819). The Institution seeks to advance and facilitate the acquisition and Development of Science, Engineering and Technology at all levels of society and to ensure its performance by instilling in its membership, professionalism and ethical practice.

**Financial results**

The financial results of the Institution are set out below:

	<b>2020</b>	<b>2019</b>
	Ghs	Ghs
Net surplus/(deficit) for the year	1,162,387	(139,834)
Prior year adjustment	(15,000)	-
From which is added the balance on accumulated fund as 1 January	387,029	526,863
<b>Leaving a balance to be carried forward on accumulated fund of</b>	<b>1,534,416</b>	<b>387,029</b>

**Auditor remuneration**

The remuneration charged for the audit of the year ended 31 December 2020 is GHS24,950.

**Councils' Report  
to the Members  
of Ghana Institution of Engineering (cont'd)**

**Independent auditor**

The external auditor is responsible for independently auditing and reporting on the Institution's financial statements for the year. The financial statements have been examined by the Institution's external auditors and their report is presented on pages 15 to 18.

**Events after the reporting period/year**

Events subsequent to the statement of financial position date are reflected only to the extent that they are material. On 12th March, 2020, Ghana Health Service officially announced Ghana's first case of Covid-19. From the website of Ghana Health Service, as at 12<sup>th</sup> March, 2021, Greater Accra Region was the highest affected region with a Covid-19 case count of 48,466. During our audit, we requested for the business impact assessment of the Covid-19 pandemic on the operation of Ghana Institution of Engineering. The general and potential impact of the pandemic on the business operations of the Institution could be: going concern and material uncertainties; employment termination benefits; and business interruptions.

**Independent auditor**

In accordance with section 139 (11) of the Companies Act, 2019 (Act 992), UHY Voscon will continue in office as auditor of the Institution.

**Name of Council member: Leslie Alex Ayeh**

**Name of Council member: Kwabena Agyei Agyepong**

Signature.....



Signature.....



**Date: 24<sup>th</sup> March, 2021**

**Date: 24<sup>th</sup> March, 2021**

## GHANA INSTITUTION OF ENGINEERING

### Corporate governance (CG)

#### Overview

The Ghana Institution of Engineering is committed to strong corporate governance practices. The Council is the governing body of the Institution. The Members of the Council in conjunction with the Executive Management provide an effective oversight and management of the Institution in a manner that enhances value to the Members and other stakeholders of the Institution.. The Institution's corporate governance principles are currently not documented in any corporate documents.

#### The Council

The governing body of the Council is a Board consisting of:

- (a) a chairperson who is a registered professional engineer,
- (b) a registered professional engineer nominated by relevant licensed bodies,
- (c) a registered engineering technologist nominated by relevant licensed bodies,
- (d) a registered engineering technician nominated by relevant licensed bodies,
- (e) a registered engineering craftsman nominated by relevant licensed bodies,
- (f) a representative not below the rank of a Director from one of the engineering related Ministries,
- (g) the Head from one of the accredited engineering educational institutions,
- (h) a distinguished legal practitioner of not less than ten years standing as a lawyer nominated by the Minister on the advice of the Ghana Bar Association, and
- (i) the Registrar of the Council, who is a registered professional engineer.

#### Standing Committees of the Council

The Standing Committees of the Institution, together with the Branch Executive Committees and the Technical Division Operations Committees, support the Council and the Executive Committee to undertake the functions and achieve the objectives as set out in Article 3 of the Constitution. The standing Committees of the Council are:

- the Finance Committee;
- the Membership Committee;
- the Education and Training Committee';
- the Professional Practice and Ethics Committee;
- the Publications Committee;
- the Welfare Committee: and
- the Conferences and Programs Committee.

The distinct functions for the Standing Committees are provided hereunder.

#### Finance Committee

The Finance Committee has the responsibility to ensure good financial management and control, and sustainability of finances of the Institutions. In doing this, the Committee will:



**GHANA INSTITUTION OF ENGINEERING**  
**Corporate governance (CG) – (cont'd)**

**Finance Committee (cont'd)**

- prepare, for the approval of Council, a financial management manual for the Institution that ensures that Article 14 of the Constitution is fully implemented, using appropriate accounting principles and standards;
- review and recommend for the approval of Council and Annual General Meeting, the annual budget of the Institution, in accordance with Article 15.2 of the Constitution;
- ensure that adequate financial records are kept by the Secretariat, and that financial reports are prepared, reviewed, audited and presented to the Council for approval, in accordance with Article 15.3 of the Constitution;
- ensure that earmarked funds are properly set aside and prudently managed, in accordance with Article 15.4 of the Constitution;
- ensure that there is a system, approved by Council, for the procurement and compensation for services rendered to the Institution for services, employees and Members, in accordance with Article 15.6 of the Constitution.
- ensure that surplus funds of the Institution are efficiently invested to optimize the returns to the Institution;
- advice and support the Council to raise funds and sponsorship for its activities; and h. Advise the Council regarding all issues relating to financial management of the Institution.

**Composition**

The membership of the Finance Committee shall include:

- the Chairperson, who shall be the Honorary Treasurer;
- the Chairperson of all the Standing Committees;
- the Executive Director; and
- the Director with responsibility for Finance in the Secretariat of the Institution, who shall be the secretary to the Committee, and who must facilitate and be in-attendance at all meetings of the Committee.

**Membership Committee**

The Membership Committee is responsible for the admission and transfer of Members onto the Membership Register of the Institution. In doing this, the Committee will:

- organize regular and special Engineering Professional Examinations to admit or transfer Members into various Classes and Occupational Groups;

## GHANA INSTITUTION OF ENGINEERING

### Corporate governance (CG)

#### Overview

The Ghana Institution of Engineering is committed to strong corporate governance practices. The Council is the governing body of the Institution. The Members of the Council in conjunction with the Executive Management provide an effective oversight and management of the Institution in a manner that enhances value to the Members and other stakeholders of the Institution.. The Institution's corporate governance principles are currently not documented in any corporate documents.

#### The Council

There shall be a Governing Body of the Institution to be called the Council. The Council shall be subject to decisions of the General Meeting of the Institution.

The Council shall comprise:

- the President;
- the Immediate Past President (IPP) who shall be the latest living and available Past President;
- the President-Elect;
- the Vice-President
- one (1) Executive Representative for each Occupational Group;
- three (3) National Councilors representing each Occupational Group;
- Chairpersons of Technical Divisions;
- Branch Chairpersons;
- Four (4) Representatives of Registered Entities.

#### Standing Committees of the Council

The Standing Committees of the Institution, together with the Branch Executive Committees and the Technical Division Operations Committees, support the Council and the Executive Committee to undertake the functions and achieve the objectives as set out in Article 3 of the Constitution.

The standing Committees of the Council are:

- the Finance Committee;
- the Membership Committee;
- the Education and Training Committee';
- the Professional Practice and Ethics Committee;
- the Publications Committee;
- the Welfare Committee; and
- the Conferences and Programs Committee.

The distinct functions for the Standing Committees are provided hereunder.

#### Finance Committee

The Finance Committee has the responsibility to ensure good financial management and control, and sustainability of finances of the Institutions. In doing this, the Committee will:

**GHANA INSTITUTION OF ENGINEERING**  
**Corporate governance (CG) – (cont'd)**

- advise Council on all issues relating to education and training of Engineering Practitioners as it relates to the manpower development of the country.

**Professional Practice and Ethics Committee**

The Committee is responsible for prescribing, upholding and enforcement of professional engineering standards, conduct and ethics of Members and Registered Entities. In doing this, the Committee will:

- prepare the Code of Ethics for approval of the Council, and promote its use among Members and Registered Entities;
- investigate, review and make recommendation to the Council on all cases of professional misconduct by Members and Registered Entities;
- promote the proper procurement, contract management practices and remuneration for the engagement of services of Engineering Service Providers;
- advocate for the enforcement of the limits to areas of engineering practice and operation for Engineering Practitioners and Entities.
- manage an information system that enhances opportunities of Members and Registered Entities to maximize their value on the job market;
- promote preference for indigenous Engineering Practitioners and Engineering Service Providers in the delivery of engineering services in Ghana and elsewhere;
- promote an affirmative action for providing equal access and opportunity for the practice of Engineering with specific emphasis on gender and the under privileged in society;
- develop, for the approval of Council, an engineering excellence and award system and see to its implementation; and
- advise Council on issues related to professional practice and ethics as it relates to national development.

**Publications Committee**

The Publication Committee has responsibility for publishing all the publications of the Institution to facilitate the dissemination and sharing of knowledge and information to enhance the practice of engineering. In doing this, the Committee will:

- publish the Newsletter, Magazine, Journal, proceedings of conferences and all other publications of the Institution;
- ensure that the Institution maintains a vibrant website that is informative and provides adequate information to Members, Registered Entities and the public;
- provide oversight for the Library of the Institution, including the creation of an electronic library;



**GHANA INSTITUTION OF ENGINEERING**  
**Corporate governance (CG) – (cont'd)**

**Publication Committee – (cont'd)**

- advise the Council on issues relating to public relations, and relationship with both local and international professional organizations; and
- advise the Council on policies relating to publications, national and international relations, and public affairs, for the approval of Council.

**Welfare Committee**

The Welfare Committee has responsibility for ensuring the professional and social wellbeing of Members. In doing this, the Committee will:

- promote and defend the interest of the Engineering Practitioner in the workplace regarding remuneration, health and safety, conditions of service and fair labor practices;
- design guidelines, for the approval of Council, and ensure the implementation of a socialization and social support scheme for Members, as provided in Article 3.2.4(f) of the Constitution and Bye-Laws;
- ensure that the Welfare Fund is properly administered in collaboration with the Finance Committee and;
- advise the Council on policies and programs that will enhance welfare and living standards of Members and promote their social interaction.

**Conferences and Programs Committee**

The Committee has the responsibility to organize all conferences and major programs of the Institution in a manner that promotes the participation of Members and the public, and promotes the benefits and values of the practice of Engineering. In doing this, the Committee will organize:

- the Annual General Meetings;
- annual Conferences;
- Presidential Inaugurations and Banquet;
- mini Conferences in liaison with the Technical Divisions;
- induction of Full Members in consultation with the Membership Committee;
- the Presidential Address;
- the State of the Institution Address; and
- any other program that the Council may direct.

**Membership of the Standing Committees**

The membership of each Standing Committee is provided hereunder.

- The President and President-Elect are ex-officio members of all Standing Committees;

**GHANA INSTITUTION OF ENGINEERING**  
**Corporate governance (CG) – (cont'd)**

**Membership of the Standing Committee – (cont'd)**

- All Standing Committees shall have a membership of at least seven (7) Full Members of Good Standing.
- In constituting the Committees, the Council must ensure that members are predisposed to contribute meaningfully to the work of the Committee whilst ensuring that there is balance in representation in respect of the Technical Divisions, Occupational Groups, Branches and Gender.

Except for the Finance Committee and the Membership Committee, the membership of all Committees will be constituted as follows:

- the Chairperson of the Committee;
- members of the Committee selected in accordance with Paragraph 3, above; and
- a secretary, appointed by the Executive Director, who shall be a staff of the Secretariat and in a position equivalent to a Deputy Director or higher, and who must facilitate and be in-attendance at all meetings of the Committee.

**Independent auditor's report  
to the members  
of Ghana Institution of Engineering**

**Opinion**

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Institution as at 31 December, 2020, and of its financial performance and the cash flows for the year then ended in accordance with the International Financial Reporting Standards for Small and Medium-sized Entities (IFRS for SMEs) issued by the International Accounting Standards Board (IASB), the Engineering Council Act, 2011 (Act 819) and the manner required by the Companies Act, 2019 (Act 992).

**What we have audited**

We have audited the accompanying financial statements of Ghana Institution of Engineering for the year ended 31 December, 2020.

The financial statements comprise:

- statement of comprehensive income for the year then ended;
- statement of financial position as at 31 December, 2020;
- statement of accumulated fund for the year ended;
- statement of cash flows for the year then ended; and
- the notes to the financial statements, which include a summary of significant accounting policies.

**Basis for opinion**

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

**Independence**

We are independent of the Institution in accordance with the International Code of Ethics for Professional Accountants (including International Independence Standards) (the Code) issued by the International Ethics Standards Boards for Accountants (IESBA). We have fulfilled our other ethical responsibilities with the IESBA Code.



**Independent auditor's report  
to the members  
of Ghana Institution of Engineering (Cont'd)**

**Other information**

The Council is responsible for the other information. The other information comprises the report of the council and Chairman's report and any other information not subject to audit, which are expected to be made available to us after that date but does not include the financial statements and our auditor's report thereon, which we obtained prior to the date of this auditor's report.

Our opinion on the financial statements does not cover the other information and we have nothing to report in this regard.

In connection with our audit of the financial statements, our responsibility is to read the other information published with the financial statements to identify areas of material inconsistency between the unaudited information and the audited financial statements and obvious misstatements of fact to other information.

Inconsistency is when other information contradicts information contained in the audited financial statements. A material inconsistency may raise doubt about the audit conclusions drawn from audit evidence previously obtained and, possibly, about the basis for the auditor's opinion on the financial statements.

Misstatement of fact is when other information that is unrelated to matters appearing in the audited financial statements is incorrectly stated or presented. A material misstatement of fact may undermine the credibility of the document containing audited financial statements.

If, based on the work we have performed on the other information that we obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report on this regard.

When we read the other information and we conclude that there is a material misstatement therein, we are required to communicate the matter to those charged with governance.

**Responsibilities of Council for the financial statements**

The Council is responsible for the preparation and fair presentation of these financial statements that give a true and fair view in accordance with International Financial Reporting Standards and in the manner required by the Companies Act, 2019 (Act 992) and for such internal controls as the Council determines is necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.

**Going concern**

In preparing the financial statements, the Council is responsible for assessing the Institution's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the council either intends to liquidate the Institution or to cease operations, or have no realistic alternative but to do so. The Council is responsible for overseeing the Institution's financial reporting process.

**Independent auditor's report  
to the members  
of Ghana Institution of Engineering (Cont'd)**

**Auditor's responsibilities for the audit of the financial statements**

The objectives of our audit are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatements, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

**Report on the audited financial statements**

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional scepticism throughout the planning and performance of the audit. We also:

- identify and assess the risks of material misstatements of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatements resulting from the fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal controls;
- obtain an understanding of internal controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal controls;
- evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management;
- evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation;
- conclude on the appropriateness of the Council's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusion are based on the audit evidence obtained up to the date of auditor's report. However, future events or conditions may cause the Institution to cease to continue as a going concern.
- obtain sufficient appropriate audit evidence regarding the financial information of the entities and business activities within the Institution to express an opinion on the financial statements. We are responsible for the direction, supervision and performance of the Institution audit. We remain solely responsible for our audit opinion.

**Independent auditor's report  
to the members  
of Ghana Institution of Engineering (Cont'd)**

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit. We are also required to provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

**Report on other legal and regulatory requirements**

***Compliance with the requirements of Section 137 of the Companies Act, 2019 (Act 992)***

The Companies Act, 2019 (Act 992) requires that in carrying out our audit work we consider and report on the following matters. We confirm that:

1. we have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit;
2. in our opinion proper books of account have been kept by the Institution, so far as appears from our examination of those books; and proper returns adequate for the purpose of the audit have been received from branches not visited by us;
3. the statement of financial position and statement of comprehensive income of the Institution are in agreement with the accounting records and returns;
4. in our opinion, the information and according to the explanations given to us, the accounts give the information required by the Act, 2019 (Act 992) in the manner required and give a true and fair view;
5. we are independent of the Institution under audit pursuant to Section 143 of the Companies Act, 2019 (Act 992).

The engagement partner on the audit resulting in this independent auditor's report is **Emmanuel K. D. Abbey (ICAG/P/1167)**.

Signed by:

For and on behalf of:  
**UHY Voscon (ICAG/F/2021/086)**  
**Chartered Accountants**  
**P.O.Box LA 476, La, Accra**  
**2nd Floor, Cocoshe House**  
**Opposite Silver Star Tower**  
**Agostinho Neto Close,**  
**Airport Residential Area**  
**Accra – Ghana.**  
**G.A-057-1475**  
**E: [info@uhyvoscon-gh.com](mailto:info@uhyvoscon-gh.com)**  
**W: [www.uhyvoscon-gh.com](http://www.uhyvoscon-gh.com)**

Date



**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020****(All amounts are expressed in Ghana cedis unless otherwise stated)**

<b>Statement of financial position</b>		<b>as at 31 December</b>	
<b>Assets</b>	<b>Note</b>	<b>2020</b>	<b>2019</b>
<b>Non-current assets</b>			
Property, plant and equipment	5.a	3,775,864	3,721,064
<b>Total non-current assets</b>		<b>3,775,864</b>	<b>3,721,064</b>
<b>Current assets</b>			
Inventories	6	4,583	4,583
Trade and other receivables	7	563,044	416,538
Held to maturity investment	8	642,310	632,310
Cash and cash equivalents	9	1,532,019	214,277
<b>Total current assets</b>		<b>2,741,955</b>	<b>1,267,708</b>
<b>Total assets</b>		<b>6,517,819</b>	<b>4,988,772</b>
<b>Reserves and liabilities</b>			
<b>Funds and reserves attributable to members</b>			
Accumulated fund		1,534,416	387,029
Building fund	10	197,254	197,254
Welfare fund	11	294,432	249,266
Engineering excellence award	12	(45,208)	(45,208)
BUSAC fund	13	(3,932)	(2,912)
Branch operations fund	14	-	-
Capital surplus		3,330,171	3,330,171
<b>Total funds and reserves</b>		<b>5,307,133</b>	<b>4,115,600</b>
<b>Current liabilities</b>			
Current tax	18	-	-
Trade and other payables	15	1,210,686	755,516
Bank overdraft		-	117,656
<b>Total current liabilities</b>		<b>1,210,686</b>	<b>873,172</b>
<b>Total reserves and liabilities</b>		<b>6,517,819</b>	<b>4,988,772</b>

**By the order of the Council:****Name of Council Member: Leslie Alex Ayeh****Name of Council Member: Kwabena Agyei Agyepong**

Signature.....



Signature.....

**Date: 24<sup>th</sup> March, 2021****Date: 24<sup>th</sup> March, 2021**

Notes 1 to 21 form an integral part of these financial statements

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020****(All amounts are stated in Ghana cedi unless otherwise stated)****Statement of comprehensive income****for the year ended 31 December**

	<b>Note</b>	<b>2020</b>	<b>2019</b>
Income	<b>3</b>	3,315,777	3,195,606
		<b>3,315,777</b>	<b>3,195,606</b>
<b>General and administrative expenses</b>			
General & administrative expenses	<b>4</b>	1,619,163	1,816,226
AGMC & other meetings		99,751	1,152,322
Annual subscription (WFEO/FAEO/WAFEO)		18,646	87,932
Seminar expenses		219,851	110,626
Membership expenses		191,367	149,610
Depreciation	<b>5a</b>	56,156	48,415
<b>Total expenses</b>		<b>2,204,933</b>	<b>3,365,131</b>
Surplus/(deficit) before taxation		1,110,843	(169,525)
Interest income	<b>3.1</b>	51,543	29,691
Surplus/(deficit) before taxation		1,162,387	(139,834)
Taxation	<b>18</b>	-	-
Net surplus/(deficit) for the year		1,162,387	(139,834)
Other comprehensive income		-	-
<b>Total comprehensive income for the year</b>		<b>1,162,387</b>	<b>(139,834)</b>

Notes 1 to 21 form an integral part of these financial statements.

**GHANA INSTITUTION OF ENGINEERING**  
**Financial statements for the year ended 31 December, 2020**  
*(All amounts are stated in Ghana cedi unless otherwise stated)*

**Statement of changes in Members' fund**

**For the year ended 31 December, 2020**

	Note	Accumulated fund	Building fund	Welfare fund	Branch operations fund	Engineering Excellence Award	BUSAC fund	Capital surplus	Total
Balance as at 1 January, 2020		387,029	197,254	249,266	-	(45,208)	(2,912)	3,330,171	4,115,600
Prior year adjustment		(15,000)							(15,000)
Surplus/(Deficit) for the year		1,162,387	-	-	-	-	-	-	1,162,387
Additions to other funds	10 to 14	-	-	114,435	31,448	-	-	-	145,883
Payments from other funds	10 to 14	-	-	(69,268)	(31,448)	-	(1,020)	-	(101,736)
Balance as at 31 December, 2020		<b>1,534,416</b>	<b>197,254</b>	<b>294,432</b>	<b>-</b>	<b>(45,208)</b>	<b>(3,932)</b>	<b>3,330,171</b>	<b>5,307,133</b>

**GHANA INSTITUTION OF ENGINEERING**  
**Financial statements for the year ended 31 December, 2019**  
*(All amounts are stated in Ghana cedi unless otherwise stated)*

**Statement of changes in Members' fund**

**For the year ended 31 December, 2019**

	Note	Accumulated fund	Building fund	Welfare fund	Engineering Excellence Award	BUSAC innovation fund	Fund for research	Capital surplus	Total
Balance as at 1 January, 2019		507,689	126,174	50,237	61,032	-	3,348	3,330,171	4,078,651
Prior year adjustment		19,174	52,630	224,873	(90,323)	208	(3,348)	-	203,214
Re-stated opening balance		526,863	178,804	275,110	(29,291)	208	-	3,330,171	4,281,865
Surplus/(Deficit) for the year		(139,834)	-	-	-	-	-	-	(139,834)
Additions to other funds	<b>10 to 14</b>	-	18,450	12,686	-	-	-	-	31,136
Payments from other funds	<b>10 to 14</b>	-	-	(38,530)	(15,917)	(3,120)	-	-	(57,567)
Balance as at 31 December, 2019		<b>387,029</b>	<b>197,254</b>	<b>249,266</b>	<b>(45,208)</b>	<b>(2,912)</b>	<b>-</b>	<b>3,330,171</b>	<b>4,115,600</b>

Notes 1 to 21 form an integral part of these financial statements



**GHANA INSTITUTION OF ENGINEERING**

Financial statements for the year ended 31 December, 2020

*(All amounts are stated in Ghana cedi unless otherwise stated)***Statement of cash flows****for the year ended 31 December**

	<b>Note</b>	<b>2020</b>	<b>2019</b>
<b>Cash (used in) /generated from operations</b>	<b>16</b>	1,527,208	86,695
Tax paid		-	-
<b>Net cash flow from operating activities</b>		<b>1,527,208</b>	<b>86,695</b>
<b>Cash flow from investing activities</b>			
Purchase of property, plant and equipment		(110,956)	(7,466)
Increase in investment securities		10,000	(41,334)
<b>Net cash flow from investing activities</b>		<b>(100,956)</b>	<b>(48,800)</b>
<b>Cash flow from financing activities:</b>			
Building Institution		-	18,450
Engineers Excellence Awards		-	(15,917)
Welfare fund		10,166	(25,844)
BUSAC		(1,020)	(3,120)
<b>Net cash flow from financing activities</b>		<b>9,146</b>	<b>(26,431)</b>
<b>Net increase/ (decrease) in cash and cash equivalents</b>		<b>1,435,398</b>	<b>11,464</b>
<b>Cash and cash equivalents at 1 January</b>		<b>96,621</b>	<b>85,157</b>
<b>Cash and cash equivalents at 31 December</b>		<b>1,532,019</b>	<b>96,621</b>
<b>Analysis of cash and cash equivalents represented by</b>			
Cash at Bank		1,532,019	214,277
Bank Overdraft		-	(117,656))
		<b>1,532,019</b>	<b>96,621</b>

Notes 1 to 21 form an integral part of these financial statements.

**GHANA INSTITUTION OF ENGINEERING****Financial Statements for the year ended 31 December, 2020****Notes to the financial statements****1. Reporting entity**

The Ghana Institution of Engineering was incorporated in Ghana as a professional body on 10 May, 1974 in accordance with the provisions of the Professional Bodies Registration Decree, 1973 (NRCD143). On 16<sup>th</sup> January 2020, the Institution changed its name from the Ghana Institution of Engineers to the Ghana Institution of Engineering. The institution is domiciled in Ghana with its registered office and principal place of business at 13 Continental Road, Roman Ridge. The nature of business the Institution is authorized to carry on are:

- Registration and Regulation of engineering practice in Ghana;
- Maintaining Professional Standards in the practice of engineering;
- Promoting the Welfare of Members and Registered Entities;
- Providing Civic Service; and
- Promoting and Recognizing Excellence in the science and practice of engineering.

**2. Summary of significant accounting policies**

The principal accounting policies applied in the preparation of these financial statements are set out below:

**2.1 Statement of compliance**

The financial statements of Ghana Institution of Engineering have been prepared in accordance with International Financial Reporting Standards for Small and Medium-sized Entities (IFRS for SMEs), as issued by the International Accounting Standards Board (IASB), Engineering Council Act, 2011 (Act 819) and Companies Act, 2019 (Act 992).

**2.2 Basis of measurement and accounting**

These financial statements have been prepared on a going concern basis and in compliance with the International Financial Reporting Standard for Small and Medium-sized Entities (IFRS for SMEs) issued by the International Accounting Standards Board interpretations issued by the IFRS Interpretations Committee (IFRS IC) applicable to companies reporting under IFRS for SMEs and with the requirements of Companies Act, 2019 (Act 992).

The financial statements are presented in Ghana Cedis (GH¢). The measurement basis applied is the historical cost basis, except as modified by the revaluation of land and building, revaluation of financial assets and financial liabilities at fair value through profit or loss.

**2.3 Use of estimates and judgment**

In preparing these financial statements in conformity with International Financial Reporting Standards for Small and Medium Enterprises (IFRS for SMEs), management makes judgments, estimates and assumptions that affect the application of policies and reported amounts of assets, liabilities, incomes and expenses. It also requires the use of accounting estimates and assumptions that may affect disclosures in the financial statements. The estimates and associated assumptions are based on historical experience and various factors that are believed to be reasonable under circumstances, the results of which form the basis of making the judgment about carrying values of assets and liabilities that are not readily apparent from other sources. The actual results could, by definition therefore, often differ from the related accounting estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting policies and estimates are recognized retrospectively and prospectively respectively.

Certain accounting policies have been identified where management has applied a higher degree of judgment that have a significant effect on the amounts recognised in the financial statements or estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year.

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020*****(All amounts are expressed in Ghana Cedis unless otherwise stated)*****Notes to the financial statements (continued)****2.3 Use of estimates and judgment (continued)****i) Estimates of assets economic useful life and residual values**

Property, plant and equipment is depreciated over its useful life taking into account residual values, where appropriate. The actual economic useful lives of the assets and residual values are assessed at each financial year-end and may vary depending on a number of factors. In re-assessing asset lives, factors such as technological innovation, pre-cut life cycles and maintenance programs are taken into account.

**2.4 New and amended standards and interpretations adopted by the Institution during the year**

At the date of authorisation of these financial statements the following new standards and amendments to existing standards that were in issue were adopted by the Institution:

**SECTION 11 “Basic financial instruments”**

Section 11 “Basic financial instruments” issued on 24 July, 2014 is the IASB’s replacement of IAS 39, Basic financial Instruments: Recognition and Measurement. Section 11 includes requirements for recognition and measurement, impairment, derecognition and general hedge accounting.

**Classification and measurement** - Section 11 introduces new approach for the classification of financial assets, which is driven by cash flow characteristics and the business model in which an asset is held. This single, principle- based approach replaces existing rule-based requirements under IAS 39. The new model also results in a single impairment model being applied to all financial instruments.

**Impairment** - Section 11 has introduced a new, expected-loss impairment model that will require more timely recognition of expected credit losses. Specifically, the new Standard requires entities to account for expected credit losses from when financial instruments are first recognised and to recognise full lifetime expected losses on a timelier basis.

**Hedge accounting** - Section 12 introduces a substantially-reformed model for hedge accounting, with enhanced disclosures about risk management activity. The new model represents a significant overhaul of hedge accounting that aligns the accounting treatment with risk management activities. **Own credit** - Section 11 removes the volatility in profit or loss that was caused by changes in the credit risk of liabilities elected to be measured at fair value. This change in accounting means that gains caused by the deterioration of an entity’s own credit risk on such liabilities are no longer recognised in profit or loss.

**SECTION 20 “Leases”**

The International Accounting Standard Board (IASB) issued Section 20 Leases in January 2016. Section 20 sets out the principles for the recognition, measurement presentation and disclosure of leases for both parties to a contract, i.e. the customer (‘lessee’) and the supplier (‘lessor’).

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020*****(All amounts are expressed in Ghana Cedis unless otherwise stated)*****Notes to the financial statements (continued)****2.4 New and amended standards (continued)**

Section 20 is effective from 1 January, 2019. Section 20 complete the IASB's project to improve the financial reporting of lease; Section 20 replaces the previous lease standard, IAS 17 leases, and related interpretation.

**SECTION 3 "Presentation of Financial Statements" - Disclosure Initiative.**

Amendments to section 3 "Presentation of Financial Statements" - Disclosure Initiative issued by IASB on 18 December 2014. The amendments to section 3 are designed to further encourage Companies to apply professional judgment in determining what information to disclose in their financial statements. For example, the amendments make clear that materiality applies to the whole of financial statements and that the inclusion of immaterial information can inhibit the usefulness of financial disclosures. Furthermore, the amendments clarify that Companies should use professional judgment in determining where and in what order information is presented in the financial disclosures.

**SECTION 17 "Property, Plant and Equipment" and SECTION 18 "Intangible Assets" -Clarification of Acceptable Methods of Depreciation and Amortisation issued by IASB on 12 May, 2014.**

Amendments clarify that the use of revenue-based methods to calculate the depreciation of an asset is not appropriate because revenue generated by an activity that includes the use of an asset generally reflects factors other than the consumption of the economic benefits embodied in the asset. Amendments also clarify that revenue is generally presumed to be an inappropriate basis for measuring the consumption of the economic benefits embodied in an intangible asset. This presumption, however, can be rebutted in certain limited circumstances.

The Institution has elected not to adopt these new standards and amendments to existing standards in advance of their effective dates. The Institution anticipates that the adoption of these standards and amendments to existing standards will have no material impact on the financial statements of the Institution in the period of initial application.

**2.5 Foreign currency translation****2.5.1 Functional and presentation currency**

Items included in the financial statements are measured using the currency of the primary economic environment in which the Entity operates ('the functional currency' which is Ghana Cedis). Except where otherwise indicated, the financial statements are presented in this currency.

**2.5.2 Transactions and balances**

Transactions denominated in foreign currencies are recorded in the functional currency using the exchange rates prevailing at the date of the transactions. Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency rate of exchange ruling at the reporting date. Foreign exchange gains and losses resulting from the settlement of foreign currency transactions and from the translation at year-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the statement of profit or loss and other comprehensive income.



**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020****(All amounts are expressed in Ghana Cedis unless otherwise stated)****Notes to the financial statements (continued)****2.6 Financial instruments**

The Institution accounts for the following financial instruments as basic financial instrument in accordance with section 11:

(a) Cash

(b) a debt instrument (such as account, note or loan receivable or payable) that meets the conditions

(c) a commitment to receive a loan that:

i) cannot be settled net in cash; and

ii) when the commitment is executed, is expected to meet the conditions

The Institution's basic financial instrument are classified into two thus;

- Financial Assets
- Financial Liabilities

**Financial assets**

Trade and other receivables are initially recognized at the transaction price. Most of the sales of the Institution are made on the basis of normal credit terms, and the receivable do not bear interest. At the end of each reporting date, the carrying amounts of trade and other receivables are reviewed to determine whether there is any objective evidence that the amounts are not recoverable. If so, an impairment loss is recognized immediately in the profit or loss. This also include cash purchase of ordinary shares of another entity's ordinary shares and long term loans made to another entity.

**Financial liabilities**

Trade payables are obligation on the basis of normal credit terms and do not bear interest. Trade payables denominated in foreign currency are translated into cash unit using the exchange rate at the reporting date. Foreign exchange gains or loss are included in other income or expenses. This also includes loans received from bank. A payable is recognized initially at the present value of cash payable to the bank including interest payments and repayment of principal.

**2.6.1 Derecognition of financial assets and financial liabilities****a. Financial assets**

A financial asset (or, where applicable a part of a financial asset or part of a group of similar financial assets) is derecognized where:

- the rights to receive cash flows from the asset have expired; or the Institution has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a pass-through arrangement; and either
- the Institution has transferred substantially all the risks and rewards of the asset, or
- the Institution has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset. When the Institution has transferred its right to receive cash flows from an asset or has entered into a pass through arrangement and has neither transferred nor retained substantially all the risks and rewards of the asset, nor transferred control of the asset, the asset is recognized to the extent of the Institution's continuing involvement in the asset. Continuing involvement that takes the form of a guarantee over the transferred asset is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Institution could be required to repay.

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020*****(All amounts are expressed in Ghana Cedis unless otherwise stated)*****Notes to the financial statements (continued)****b. Financial liabilities**

A financial liability is derecognized when the obligation under the liability is discharged or cancelled or expires. Where an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a de recognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognized in profit or loss.

**2.7 Impairments of assets and other financial assets**

The Institution assesses at each end of the reporting period whether there is any indication that an asset may be impaired. If any such indication exists, that an asset may be impaired, the recoverable amount is estimated for the individual asset. If it is possible to estimate the recoverable amount of the individual asset, the recoverable amount of the Cash-Generating Unit (CGU) to which the asset belongs is determined. The recoverable amount of a cash generating unit is the higher of its fair value less costs to sell and its value in use.

If the recoverable amount of an asset is less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount. This reduction is an impairment loss.

An impairment loss of assets carried at cost less than any accumulated depreciation or amortization is recognised immediately in profit or loss. Any impairment loss of a revalued asset is treated as a downward revaluation.

A reversal of an impairment loss of assets carried at cost less accumulated depreciation or amortization other than goodwill is recognised immediately in profit or loss. Any reversal of an impairment loss of a revalued asset is treated as an upward revaluation.

**2.8 Cash and cash equivalents**

Cash and cash equivalents are recorded in the statement of financial position at cost. For the purpose of the cash flow statement, cash and cash equivalents comprise cash on hand and demand deposits and other short-term highly liquid investments that are readily convertible to a known amount of cash and are subject to an insignificant risk of changes in value. These are initially and subsequently recorded at fair value.

**2.9 Income tax**

In accordance with section 98 (3) of the income Tax Act, 2015 (Act 896) as amended, the Institution is an exempt organisation and therefore not liable to corporate income tax for the year under review. No current or deferred income tax is therefore payable by the Institution on income generated in the ordinary course of business.

**2.10 Employee benefits****(a) Short term benefit**

Short-term employee benefits are amounts payable to employees that fall due wholly within twelve months after the end of the period in which the employee renders the related service. The cost of short-term employee benefits are recognised as an expense in the period when the economic benefit is given, as an employment cost.

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020***(All amounts are expressed in Ghana Cedis unless otherwise stated)***Notes to the financial statements (continued)****(a) Short term benefit (cont'd)**

Unpaid short-term employee benefits as at the end of the accounting period are recognised as an accrued expense and any short-term benefit paid in advance are recognised as prepayment to the extent that it will lead to a future cash refund or a reduction in future cash payment. Wages and salaries payable to employees are recognised as an expense in the profit or loss account at gross amount. The Institution's contribution to Social Security Fund is also charged as an expense.

**(b) Social Security and National Insurance Trust (SSNIT)**

In accordance with the Act establishing the Social Security and National Insurance Trust, the Institution contributes monthly amount equivalent to 13%(defined contribution scheme) of its employee's salaries and wages to the Social Security Fund to cover future pension payments to its employees, no other pension scheme is maintained by the Institution. All employer contributions are charged to the profit or loss account as incurred under staff costs. The employees contribute 5.5% to the fund.

**(c) Provident fund**

The Institution has a provident fund scheme for staff under which the Institution contributes 7% of staff basic salary.

**(d) End of service benefit Scheme**

The Institution does not make provision for long term service awards or end of service benefits. These are treated on a cash basis as and when they arise.

**2.11 Lease**

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership of the leased asset to the Institution. All other leases are classified as operating leases.

Rights to assets held under finance leases are recognised as assets of the Institution at the fair value of the leased property (or, if lower, the present value of minimum lease payments) at the inception of the lease. The corresponding liability to the lessor is included in the statement of financial position as a finance lease obligation. Lease payments are apportioned between finance charges and reduction of the lease obligation so as to achieve a constant rate of interest on the remaining balance of the liability. Finance charges are deducted in measuring profit or loss. Assets held under finance leases are included in property, plant and equipment, and depreciated and assessed for impairment losses in the same way as owned assets.

Rentals payable under operating leases are charged to profit or loss on a straight-line basis over the term of the relevant lease.

**2.12 Inventories**

Inventories are valued at the lower of cost and net realisable value. Costs is calculated using the First-in-First – out (FIFO) method.

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020*****(All amounts are expressed in Ghana Cedis unless otherwise stated)*****Notes to the financial statements (continued)****2.13 Borrowing cost**

Borrowing cost are interest and other cost that the Institution incurs in connection with borrowing of funds. Borrowing cost include:

- (a) interest expense calculated using the effective interest method as described in section 11 Basic Financial Instrument;
- (b) finance charges in respect of finance leases recognized in accordance with section 20 leases; and
- (c) exchange difference arising from foreign currency borrowing to the extent that they are regarded as an adjustment to interest cost.

Borrowing cost are recognized in profit or loss in the period in which they are incurred.

**2.14 Related parties**

Related parties are individuals and companies, where the individual and the Institution have the ability directly or indirectly, to control the other party or exercise significant influence on the other party in making financial and operating decisions. Related party transactions and balances are disclosed in the notes to the financial statements.

**2.15 Property, plant and equipment****Recognition and measurement**

Items of property, plant and equipment are measured at cost less accumulated depreciation and impairment losses.

Cost includes expenditures that are directly attributable to the acquisition of the asset. The cost of self-constructed assets includes the cost of materials and direct labour, and any other costs directly attributable to bringing the asset to a working condition for its intended use. Purchased software that is integral to the functionality of the related equipment is capitalized as part of that equipment.

**Subsequent costs**

The cost of replacing part of an item of property, plant or equipment is recognized in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Institution and its cost can be measured reliably. The costs of the day-to-day servicing of property, plant and equipment are recognised in the statement of comprehensive income as incurred.

**Depreciation**

Depreciation is recognised in the statement of comprehensive income on a straight-line basis over the estimated useful lives of each part of an item of property, plant and equipment.

The estimated useful lives for the current and comparative periods are as follows:

Equipment, furniture & fittings	10%
Motor vehicle	25%
Library	20%
Plant & machinery	20%



**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020*****(All amounts are expressed in Ghana Cedis unless otherwise stated)*****Notes to the financial statements (continued)**

Depreciation methods, useful lives and residual values are reassessed at each reporting date. Gains and losses on disposal of property, plant and equipment are included in the statement of comprehensive income.

**2.16 Cash and cash equivalents**

Cash and cash equivalents comprise cash on hand, bank balances and short-term instruments with maturities of three months or less, and these are carried at amortised cost in the statement of financial position.

**2.17 Revenue recognition**

The Institution's main income is derived from various subscription income, AGM and conferences income, Arbitration services income, sponsorship income, examination income and other professional services income. The Institution has processes in place to ensure that the recognition of those income streams is in the correct period. In addition there are processes in place to ensure that annual dues and exam fee income received in advance of providing the services is deferred into the relevant period, and that subscription income for the year is accrued as appropriate. An adjustment to income is made each year which reflects the anticipated value of the write-off of debt which has been invoiced in services being provided, but where a doubt exists as to collectability.

**2.17.1 Rendering of services**

Revenue from rendering of services is recognized when:

- The amount of revenue can be measured reliably;
- It is probable that the economic benefits associated with the transaction will flow to the Institution;
- The costs incurred or to be incurred in respect of arbitration can be measured reliably.

Consideration received from rendering of services is allocated to advisory services income in the period it occurred.

**2.18 Financial risk management****Overview**

The Institution has exposure to the following risks from its use of financial instruments:

- liquidity risk
- market risk
- operational risk
- Interest risk
- Foreign exchange exposure

This note presents information about the Institution's exposure to each of the above risks, the Institution's objectives, policies and processes for measuring and managing risk, and the Institution's management of capital. Further quantitative disclosures are included throughout these financial statements.

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020*****(All amounts are expressed in Ghana Cedis unless otherwise stated)*****Notes to the financial statements (continued)****Credit risk**

Credit risk is the risk of financial loss to the Institution if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Institution's receivables from customers. The Institution had no exposure as at the year end.

**Liquidity risk**

Liquidity risk is the risk that the Institution will not be able to meet its financial obligations as they fall due. The Institution's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Institution's reputation. The Institution's activities are being funded by its Members and overdraft from the banks.

**Market risk**

Market risk is the risk that changes in market prices, such as foreign exchange rates, interest rates and equity prices will affect the Institution's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimising the return.

**Operational risk**

Operational risk is the risk of direct or indirect loss arising from a wide variety of causes associated with Institution processes, personnel, technology and infrastructure, and from external factors other than credit, market and liquidity risks such as those arising from legal and regulatory requirements and generally accepted standards of corporate behavior. Operational risks arise from all of the Institution's operations.

The Institution's objective is to manage operational risk so as to balance the avoidance of financial losses and damage to the Institution's reputation with overall cost effectiveness and to avoid control procedures that restrict initiative and creativity.

The primary responsibility for the development and implementation of controls to address operational risk is assigned to senior management. This responsibility is supported by the development of overall entity standards for the management of operational risk in the following areas:

- requirements for appropriate segregation of duties, including the independent authorization of transactions
- requirements for the reconciliation and monitoring of transactions
- compliance with regulatory and other legal requirements
- documentation of controls and procedures
- controls and procedures to address the risks identified
- training and professional development
- risk mitigation, including insurance where this is effective.

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020****(All amounts are expressed in Ghana Cedis unless otherwise stated)****Notes to the financial statements (continued)****Interest rate risk**

The Institution is not subject to interest rate risk as it has no interest bearing liabilities.

Own credit – Section 11 removes the volatility in profit or loss that was caused by changes in the credit risk of liabilities elected to be measured at fair value. This change in accounting means that gains caused by the deterioration of an entity's own credit risk on such liabilities are no longer recognized in profit or loss.

**Foreign exchange exposure**

The Institution's foreign exchange exposure comprises foreign currency translation exposures. The Institution manages its foreign currency transactions very well to ensure that there are very minimal foreign currency risk exposures.

<b>3. Income</b>	<b>2020</b>	<b>2019</b>
Annual Dues	1,503,105	1,316,691
Seminar Income	321,080	202,312
AGMC & Banquet	29,332	361,399
Professional stamp income	25,600	70,780
Presidential address income	-	31,700
Rental income	-	81,436
Application & Entrance Fees	206,798	163,053
Publication income	80	2,040
Reg. of Consulting Firms	94,400	47,808
Sale of inventory	-	17,740
Generator levy	4,985	8,522
Advisory income	-	243,668
Sponsorship income	840,000	518,695
Other income	291,929	129,762
	<b>3,315,777</b>	<b>3,195,606</b>

<b>3.1 Interest income</b>	<b>2020</b>	<b>2019</b>
Interest income	50,994	29,691
Exchange gain	550	-
	<b>51,543</b>	<b>29,691</b>

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020****(All amounts are expressed in Ghana Cedis unless otherwise stated)****Notes to the financial statements (continued)**

<b>4. General and administrative expenses</b>	<b>2020</b>	<b>2019</b>
Staff salary (4a)	924,422	788,940
Stationery	7,874	13,057
Repairs and maintenance	34,606	100,388
Communication	85,644	30,339
Office Expenses	49,865	41,266
Travelling and Transport	205,602	331,435
Bank Charges	5,566	7,157
Audit Fee	24,950	17,719
Insurance	34,587	6,489
Presidential Address	1,600	7,120
Printing and Publication	1,000	61,405
Motor Running Expense	31,165	10,093
Security	52,211	46,382
Cleaning And Sanitation	19,096	27,457
Electricity and water	70,287	72,628
Professional Stamp Expenses	32,688	31,813
Regional Branch Expenses	-	35,300
Advisory Services	15,000	120,000
Professional Expense	23,000	37,439
Donation	-	1,000
Rent	-	28,800
	<b>1,619,163</b>	<b>1,816,226</b>
<b>4a. Staff salary</b>	<b>2020</b>	<b>2019</b>
Salaries and other related cost	924,563	788,940
	<b>924,563</b>	<b>788,940</b>



**GHANA INSTITUTION OF ENGINEERING**

Financial statements for the year ended 31 December, 2020

*(All amounts are expressed in Ghana Cedis unless otherwise stated)*

Notes to the financial statements (continued)

**5.a. Property, plant and equipment**

<b>Cost/valuation</b>	<b>1 January</b>	<b>Additions</b>	<b>31 December</b>
<b>2020</b>			
Building	3,584,499	-	3,584,499
Plant & machinery	26,300	-	26,300
Equipment & furniture	450,600	110,956	561,556
Motor vehicle	325,078	-	325,078
Library books	2,430	-	2,430
	<b>4,388,907</b>	<b>110,956</b>	<b>4,499,863</b>
<b>Accumulated depreciation</b>	<b>1 January</b>	<b>Charge for the</b>	<b>31 December</b>
<b>2020</b>		<b>year</b>	
Building	-	-	-
Plant & machinery	26,300	-	26,300
Equipment & furniture	314,035	56,156	370,191
Motor vehicle	325,078	-	325,078
Library books	2,430	-	2,430
	<b>667,843</b>	<b>-</b>	<b>723,999</b>
<b>Carrying values as at</b>			
<b>31 December, 2020</b>			
Building			3,584,499
Plant & machinery			-
Equipment & furniture			191,365
Motor vehicle			-
Library books			-
			<b>3,775,864</b>

**GHANA INSTITUTION OF ENGINEERING**

Financial statements for the year ended 31 December, 2020

*(All amounts are expressed in Ghana Cedis unless otherwise stated)*

Notes to the financial statements (continued)

**5.b . Property, plant and equipment**

<b>Cost/valuation</b>	<b>1 January</b>	<b>Additions</b>	<b>31 December</b>
<b>2019</b>			
Building	3,584,499	-	3,584,499
Plant & machinery	26,300	-	26,300
Equipment & furniture	443,134	7,466	450,600
Motor vehicle	325,078	-	325,078
Library books	2,430	-	2,430
	<b>4,381,441</b>	<b>7,466</b>	<b>4,388,907</b>
<b>Accumulated depreciation</b>	<b>1 January</b>	<b>Charge for the year</b>	<b>31 December</b>
<b>2019</b>			
Building	-	-	-
Plant & machinery	25,420	880	26,300
Equipment & furniture	268,975	45,060	314,035
Motor vehicle	322,603	2,475	325,078
Library books	2,430	-	2,430
	<b>619,428</b>	<b>48,415</b>	<b>667,843</b>
<b>Carrying values as at</b>			
<b>31 December, 2019</b>			
Building			3,584,499
Plant & machinery			-
Equipment & furniture			136,565
Motor vehicle			-
Library books			-
			<b>3,721,064</b>

**GHANA INSTITUTION OF ENGINEERING**

Financial statements for the year ended 31 December, 2020

*(All amounts are expressed in Ghana Cedis unless otherwise stated)*

Notes to the financial statements (continued)

<b>6. Inventories</b>	<b>2020</b>	<b>2019</b>
Car stickers	2,057	2,057
Code of ethics	2,526	2,526
	<b>4,583</b>	<b>4,583</b>
<b>7. Trade and other receivables</b>	<b>2020</b>	<b>2019</b>
Trade receivables	399,955	399,955
Prepayment	2,295	2,295
Staff Debtors	14,289	14,289
GIZ	146,505	-
	<b>563,044</b>	<b>416,539</b>
<b>8. Held to maturity</b>	<b>2020</b>	<b>2019</b>
Investment	642,310	632,310
	<b>642,310</b>	<b>632,310</b>
<b>9. Cash and cash equivalents</b>	<b>2020</b>	<b>2019</b>
Cash at bank	1,222,735	198,102
Cash on hand	309,284	16,175
	<b>1,532,019</b>	<b>214,277</b>
<b>10. Building fund</b>	<b>2020</b>	<b>2019</b>
Balance as at 1 January	197,254	178,804
Contributions for the year	-	18,450
	-	<b>197,254</b>
Payments during the year	-	-
Balance as at 31 December	<b>197,254</b>	<b>197,254</b>

**GHANA INSTITUTION OF ENGINEERING**

Financial statements for the year ended 31 December, 2020

*(All amounts are expressed in Ghana Cedis unless otherwise stated)***Notes to the financial statements (continued)**

<b>11. Welfare fund</b>	<b>2020</b>	<b>2019</b>
Balance as at 1 January	249,266	275,110
Contributions for the year	78,021	12,686
	<b>327,287</b>	<b>287,796</b>
Welfare in arrears	36,413	-
GhIE Welfare fund expenses	(69,268)	(38,530)
<b>Balance as at 31 December</b>	<b>294,433</b>	<b>249,266</b>
<b>12. Engineering Excellence Awards</b>	<b>2020</b>	<b>2019</b>
Balance as at 1 January	(45,208)	(29,291)
Receipts	-	-
Expenses	-	(15,917)
<b>Balance as at 31 December</b>	<b>(45,208)</b>	<b>(45,208)</b>
<b>13. BUSAC Institution</b>	<b>2020</b>	<b>2019</b>
Balance as at 1 January	(2,912)	208
Receipts	-	-
Expenses	(1,020)	(3,120)
<b>Balance as at 31 December</b>	<b>(3,932)</b>	<b>(2,912)</b>
<b>14. Branch Operations Fund</b>	<b>2020</b>	<b>2019</b>
Branch allocation	31,448	-
Branch expenses	(31,448)	-
<b>Balance as at 31 December</b>	<b>-</b>	<b>-</b>
<b>15. Trade and other payables</b>	<b>2020</b>	<b>2019</b>
Trade payables	459,588	284,818
Audit fees	24,950	17,719
Accruals	436,209	452,979
Others	252,339	-
Dues in advance	37,600	-
	<b>1,210,686</b>	<b>755,516</b>



**GHANA INSTITUTION OF ENGINEERING**

Financial statements for the year ended 31 December, 2020

*(All amounts are expressed in Ghana Cedis unless otherwise stated)*

Notes to the financial statements (continued)

<b>16. Cash flow from in operations</b>	<b>2020</b>	<b>2019</b>
Surplus/(Deficit)	1,162,387	(139,834)
Adjust for:		
Depreciation	56,156	48,415
	1,218,543	(91,419)
Changes in working capital:		
(Increase)/Decrease in Inventory	-	9,290
(Increase)/Decrease in trade and other receivables	(146,505)	(213,486)
Increase/(Decrease) in trade and other payables	455,170	382,303
Cash (used in)/generated from operations	1,527,208	86,695

**17. Related party**

i) The Institution's Council Members are the directors of Ghana Institution of Engineering which means any transaction between these Member's and balances at close of year are related party transaction and balances. There was no related party transaction as at the year ended.

**ii) Key Management Personnel**

Key Management personnel are defined as those persons having authority and responsibility for planning, directing and controlling the activities of Ghana Institution of Engineering (directly or indirectly) and comprise of Executive Director and other Senior Management.

For the year under review, key management personnel include:

i. Members of Council – refer to list on page 3.

**18. Taxation**

In accordance with section 98 (3) of the income Tax Act, 2015 (Act 896) as amended, the Institution is an exempt institution and therefore not liable to corporate income tax for the year under review. No current or deferred income tax is therefore payable by the Institution on income generated in the ordinary course of business as described in the objects of the Association in the Council's Report on page 7.

**19. Prior year adjustment**

Adjustments have been made to reconcile some account balances in the financial statements. .

**GHANA INSTITUTION OF ENGINEERING****Financial statements for the year ended 31 December, 2020*****(All amounts are expressed in Ghana Cedis unless otherwise stated)*****Notes to the financial statements (continued)****20. Contingent liabilities and capital commitments a. Contingent liabilities**

Other than the liability to pay future pensions and allowances, there were no contingent liabilities of the Institution as at 31 December, 2020. (2019: GH¢ nil)

**b. Capital commitment**

There were no commitments as at 31 December, 2020 (2019: GH¢ nil).

**21. Events after the end of the reporting year**

Events subsequent to the statement of financial position date are reflected only to the extent that they are material. There were no such events as at the date the financial statements were signed.



P. O. Box LA 476, La, Accra  
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Accra-Ghana.

**Independent auditor's report  
to the members  
of Ghana Institution of Engineering**

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Digital Address: GA-057-1475

**Opinion**

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Institution as at 31 December, 2020, and of its financial performance and the cash flows for the year then ended in accordance with the International Financial Reporting Standards for Small and Medium-sized Entities (IFRS for SMEs) issued by the International Accounting Standards Board (IASB), the Engineering Council Act, 2011 (Act 819) and the manner required by the Companies Act, 2019 (Act 992).

**What we have audited**

We have audited the accompanying financial statements of Ghana Institution of Engineering for the year ended 31 December, 2020.

The financial statements comprise:

- statement of comprehensive income for the year then ended;
- statement of financial position as at 31 December, 2020;
- statement of accumulated fund for the year ended;
- statement of cash flows for the year then ended; and
- the notes to the financial statements, which include a summary of significant accounting policies.

**Basis for opinion**

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

**Independence**

We are independent of the Institution in accordance with the International Code of Ethics for Professional Accountants (including International Independence Standards) (the Code) issued by the International Ethics Standards Boards for Accountants (IESBA). We have fulfilled our other ethical responsibilities with the IESBA Code.

**Independent auditor's report  
to the members  
of Ghana Institution of Engineering (Cont'd)**

**Other information**

The Council is responsible for the other information. The other information comprises the report of the council and Chairman's report and any other information not subject to audit, which are expected to be made available to us after that date but does not include the financial statements and our auditor's report thereon, which we obtained prior to the date of this auditor's report.

Our opinion on the financial statements does not cover the other information and we have nothing to report in this regard.

In connection with our audit of the financial statements, our responsibility is to read the other information published with the financial statements to identify areas of material inconsistency between the unaudited information and the audited financial statements and obvious misstatements of fact to other information.

Inconsistency is when other information contradicts information contained in the audited financial statements. A material inconsistency may raise doubt about the audit conclusions drawn from audit evidence previously obtained and, possibly, about the basis for the auditor's opinion on the financial statements.

Misstatement of fact is when other information that is unrelated to matters appearing in the audited financial statements is incorrectly stated or presented. A material misstatement of fact may undermine the credibility of the document containing audited financial statements.

If, based on the work we have performed on the other information that we obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report on this regard.

When we read the other information and we conclude that there is a material misstatement therein, we are required to communicate the matter to those charged with governance.

**Responsibilities of Council for the financial statements**

The Council is responsible for the preparation and fair presentation of these financial statements that give a true and fair view in accordance with International Financial Reporting Standards and in the manner required by the Companies Act, 2019 (Act 992) and for such internal controls as the Council determines is necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.

**Going concern**

In preparing the financial statements, the Council is responsible for assessing the Institution's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the council either intends to liquidate the Institution or to cease operations, or have no realistic alternative but to do so. The Council is responsible for overseeing the Institution's financial reporting process.

**Independent auditor's report  
to the members  
of Ghana Institution of Engineering (Cont'd)**

**Auditor's responsibilities for the audit of the financial statements**

The objectives of our audit are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatements, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

**Report on the audited financial statements**

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the planning and performance of the audit. We also:

- identify and assess the risks of material misstatements of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatements resulting from the fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal controls;
- obtain an understanding of internal controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal controls;
- evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management;
- evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation;
- conclude on the appropriateness of the Council's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusion are based on the audit evidence obtained up to the date of auditor's report. However, future events or conditions may cause the Institution to cease to continue as a going concern.
- obtain sufficient appropriate audit evidence regarding the financial information of the entities and business activities within the Institution to express an opinion on the financial statements. We are responsible for the direction, supervision and performance of the Institution audit. We remain solely responsible for our audit opinion.





**Independent auditor's report  
to the members  
of Ghana Institution of Engineering (Cont'd)**

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit. We are also required to provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

**Report on other legal and regulatory requirements**

***Compliance with the requirements of Section 137 of the Companies Act, 2019 (Act 992)***

The Companies Act, 2019 (Act 992) requires that in carrying out our audit work we consider and report on the following matters. We confirm that:

1. we have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit;
2. in our opinion proper books of account have been kept by the Institution, so far as appears from our examination of those books; and proper returns adequate for the purpose of the audit have been received from branches not visited by us;
3. the statement of financial position and statement of comprehensive income of the Institution are in agreement with the accounting records and returns;
4. in our opinion, the information and according to the explanations given to us, the accounts give the information required by the Act, 2019 (Act 992) in the manner required and give a true and fair view;
5. we are independent of the Institution under audit pursuant to Section 143 of the Companies Act, 2019 (Act 992).

The engagement partner on the audit resulting in this independent auditor's report is **Emmanuel K. D. Abbey** (ICAG/P/1167).

Signed by:

*UHY Voscon*

For and on behalf of:

UHY Voscon (ICAG/F/2021/086)

Chartered Accountants

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Date *24th Mar, 2021*

2.0	BUDGETED EXPENDITURE 2020	Budget 2020	Actual 2020	Budget 2021
		GHC	GHC	GHC
2.1	Staff Renumeration	926,820.21	880,688.00	1,355,007.00
2.1.1	13th Month Pay	46,000.00	46,132.00	71,263.00
2.1.2	Staff Mutual Health Insurance	52,620.12	38,780.00	24,000.00
2.2	Telephone	12,000.00	4,982.00	12,000.00
2.3	Stationery	11,000.00	7,874.00	11,000.00
2.4	Repairs & Maintenance	44,200.00	34,606.00	44,700.00
2.5	Office Expenses	12,777.00	49,865.00	25,000.00
2.6	Postage/ Courier	5,000.00	4,555.00	5,000.00
2.7	International Travel	552,000.00	451,281.67	460,000.00
2.8	Bank Charges	3,000.00	5,566.00	3,000.00
2.9	Audit Fees	15,000.00	24,950.00	29,500.00
2.10	Insurance	7,500.00	34,587.00	8,500.00
2.11	Presidential Address, Technical visits and	24,200.00	1,600.00	10,000.00
2.13	Motor Running	59,050.00	35,151.00	58,950.00
2.14	Security Services	51,600.00	42,344.00	51,600.00
2.15	Cleaning & Sanitation	24,160.00	1,996.00	16,600.00
2.16	Electricity	90,000.00	70,287.00	90,000.00
2.17	Water	7,200.00	4,489.00	7,200.00
2.18	Professional Stamp	42,500.00	32,688.00	42,500.00
2.19	Branches	474,827.50	181,332.00	250,000.00
2.21	Public Relations	19,200.00	19,800.00	19,200.00
2.22	Travelling & Transport (Secretariat etc)	2,000.00	205,602.00	12,000.00
2.23	Staff Training	10,000.00	-	10,000.00

2.0	BUDGETED EXPENDITURE 2020	Budget 2020	Actual 2019	Budget 2021
2.24	Donations ( Social Responsibilities)	20,000.00		20,000.00
2.25	Library/ICT	177,177.37	48,730.00	89,400.00
2.26	AGM/Coference/Annual Banquet	800,000.00	1,027,393.00	500,000.00
2.27	WINE Forum	30,000.00	16,000.00	20,000.00
2.28	International Relations	79,532.00	50,300.00	22,405.00
2.29	Meeting Expenses - (Council/Sub-Committee)	218,878.00	43,858.00	111,682.00
2.29	Printing & Photocopies	15,000.00	8,720.00	9,000.00
2.30	Generating Plant	31,200.00	4,000.00	22,000.00
2.31	Seminars	398,950.00	110,626.00	170,400.00
2.32	Honorarium/Donation/Prize	30,000.00	6,500.00	25,000.00
2.33	Membership (ID Cards, Eng. Prof. Exams)	307,800.00	149,610.00	307,800.00
2.34	Programmes of Technical Divisions	120,000.00	-	200,000.00
2.36	Engineering Council Act 2011 (Act 819)	16,000.00	-	16,000.00
2.37	Engineering Council of Ghana	77,000.00	-	60,000.00
2.38	Engineering Council of Ghana( <i>Initial Registration</i> )	113,250.00	174,800.00	200,000.00
2.39	Engineering Excellence Awards	51,650.00	-	50,000.00
2.40	Engineering Best Student Awards		11,900.00	25,000.00
2.41	History & Heritage	10,000.00	-	10,000.00
2.42	General Infrastructural Report Card (GIRC)	30,000.00	-	30,000.00
2.43	Change of Name and re-registration of G	6,000.00	7,200.00	-
2.44	Professional fee expenses	-	38,000.00	-
2.45	Capital Expenditure	89,223.00	8,500.00	67,123.00
2.46	Inductees expenses	67,000.00		67,000.00
2.47	Outstanding from 2019	292,083.00	292,083.00	-
	<b>Total Expenditure</b>	<b>5,682,894.72</b>	<b>2,313,145.54</b>	<b>4,802,309.00</b>

Notes on Budgeted Expenditure 2021		
<b>2.1</b>		The figure includes estimated total cost of all GhIE staff to the Institution.
	<b>2.1.1</b>	An estimated total cost of health Insurance for GhIE staff for a year
<b>2.2</b>		Telephone cost for routine calls
<b>2.3</b>		Estimated cost of office stationery
<b>2.4</b>		Estimated expenditure on maintenance of plant and equipment of the secretariat
<b>2.5</b>		Office expenses cater for purchase of newspapers, printing of call cards, Christmas cards and other miscellaneous expenses.
<b>2.6</b>		Expenses on postage and courier services are, annual dues bills, election, ballot papers and other official letters.
<b>2.7</b>		Estimated expenditure on International Travel of various international conferences. It is 10% of estimated current Dues.
<b>2.8</b>		Assumed bank charges for 2020
<b>2.9</b>		The budget for Audit fees is based on the previous year's figures
<b>2.10</b>		The budget for Insurance caters for Building, Equipment & Installations, Fire , Burglary and renewal of fire certificate for the Engineers Centre for the year.
<b>2.11</b>		The figures for presidential Address are based on printing of brochures, publicity and refreshment.
<b>2.13</b>		Anticipated expenditure to be incurred on Motor running activities
	<b>2.13.1</b>	Estimated expenditure on routine Tata Aria
	<b>2.13.2</b>	Estimated expenditure on repairs and lubricants on Hyundai Bus
	<b>2.13.3</b>	Estimated expenditure on repairs and lubricants on motor bike
	<b>2.13.4</b>	Estimated repairs and lubricants on Mower
	<b>2.13.5</b>	Estimated expenditure on fuel and lubricants
<b>2.14</b>		This is the monthly Security expenditure of ghc 4465 multiply by 12 months

		Notes on Budgeted Expenditure 2021
<b>2.15</b>		An estimates of Cleaning and sanitation expenditure for the year
<b>2.16</b>		Electricity expenses cater for all electricity power to be consumed in the year 2020, An average of Ghc7500 per month.
<b>2.17</b>		Water expenditure is based on average amount of Ghc600 per month,mulitply by 12 months
<b>2.18</b>		An estimated expenditure to be incurred on 500 professional Stamps.
<b>2.19</b>		The budget caters for support for 10 Regional Branches Programs. Is based on 10% of 2020 current dues
<b>2.20</b>		Public Relation Retainer fees Ghc 1500 per monthly x 12
<b>2.21</b>		Travelling and Transport is the budgeted item for expenditure by secretariat staff, typical local travels, distribution of letters and banking transactions. The amount is based on the previous year's figures. It allows for 10% increment.
<b>2.22</b>		Estimated cost of training of staff for the year 2021
<b>2.23</b>		Donations estimated for 2021
<b>2.24</b>		The amount budgeted for annual Growthzone software fee, the maintenance of software, payment of broadband, digitalizing of membership data, webhosting and website redesign and development of regional ICT for 2 branches
<b>2.25</b>		AGM/ Conference/Annual Banquet
<b>2.26</b>		Expenditure equal to funds allocated to WINE activities
<b>2.27</b>		Estimated cost of expenditure on International subscriptions, T&T for International delegates etc.
<b>2.28</b>		Total estimated cost of meetings for the year
<b>2.29</b>		Leasing of printers for three months period
	2.29.1	
		Cost of operating new printer
	2.29.2	
		Operating cost of new printers
	2.29.3	
<b>2.30</b>		Maintenance and servicing on genset
<b>2.31</b>	2.31.1	Expenditure to be incurred on average Participants of 20 for 20 seminars
	2.31.2	It comprises all evening programs to be held at engineers centre



		Notes on Budgeted Expenditure 2021
<b>2.32</b>		Donations to other organisations
<b>2.33</b>		Assumed expenditure of membership, ID cards, Eng. Prof. Exams
<b>2.34</b>		Expenditure estimated for for the various divisions
	<b>2.34.1</b>	Estimated Expenditure on Civil technical Division
	<b>2.34.2</b>	Estimated Expenditure on Chemical Mining Division
	<b>2.34.3</b>	Estimated Expenditure on Electr Divisional Technical Division
	<b>2.34.4</b>	Estimated Expenditure on MAM Technical Division
	<b>2.34.5</b>	Estimated Expenditure on Professional Practice & Ethic committee
<b>2.35</b>		Total Welfare amount to be transferred to Welfare Fund
<b>2.36</b>		The figure represents the cost of 1000 copies of Engineering Council Act 2011 (Act 819)
<b>2.37</b>		Engineering Council Registration provision
<b>2.38</b>		Engineering Council Initial Registration anticipated
<b>2.39</b>		Estimated expenditure for Engineering Excellence Awards
<b>2.40</b>		An estimate of History & Heritage initiation
<b>2.41</b>		Repetition of last years budget for GIRC
<b>2.42</b>		Facility improvement cost
<b>2.43</b>		Cost estimated for improving the facilities at GhIE secretariat
<b>2.45</b>		An estimated expenditure for Change of Ghana Institution of Engineers' name to Ghana Institution of Engineering Etc.
<b>2.46</b>		Expenditure on inductees for 2021

## NOTES ON BUDGETED INCOME 2021

## E 2020 BUDGET ( DETAILS OF INCOME)

1.0 INCOME			Budget 2020	GHC	Actual 2020	Budget 2021
					GHC	GHC
1.1			Annual Subscription			
		1.1.1	Current Annual Subscription	2,109,938.00	1,046,518.71	2,101,985.00
		1.1.2	Subscription in Arrears	960,000.00	100,593.00	750,000.00
		1.1.3	Subscription in Advance	5,760.00	7,300.00	5,760.00
		1.1.4	Students Dues	12,500.00	1,320.00	12,500.00
		1.1.5	International Relations	63,532.00		63,532.00
		1.1.6	Building Levy	35,000.00	14,150.00	20,000.00
		1.1.7	Welfare	258,264.72	160,854.53	250,181.10
1.2			Seminar Income	714,750.00	111,274.10	216,000.00
		1.2.1	Conference/Events (Sponsorship)	600,000.00	840,000.00	500,000.00
1.3			AGM Conference and Banquet			
		1.3.1	Banquet Tickets (singles)	15,000.00	300.00	
		1.3.2	Banquet Tickets (Couples)	27,000.00		
		1.3.3	Annual Conference	175,000.00	1,000.00	
1.4			Professional Stamp	50,000.00	25,600.00	25,000.00
1.5			Presidential Address	45,000.00	-	10,000.00

## NOTES ON BUDGETED INCOME 2021

1.6			<i>Facility Hiring</i>	112,000.00	24,848.25	67,200.00
1.7			PROFESSIONAL EXAMS FEES	255,000.00	14,786.00	445,000.00
<b>1.0 INCOME</b>				<b>Budget 2020 GHC</b>	<b>Actual 2020 GHC</b>	<b>Budget 2021 GHC</b>
1.8			FIRMS REGISTRATION	77,000.00	94,400.00	95,000.00
1.9			Sales of Inventory	34,000.00	3,913.00	34,000.00
1.10			Energy Fund	6,000.00	4,610.00	6,000.00
1.11			Arbitration Income	45,150.00	82,308.00	45,150.00
1.12			Induction	82,000.00	20,205.00	115,000.00
1.13			Accra Int, Conference Centre		-	40,000.00
1.14			Office Rental Income		-	18,000.00
			Expected Income	5,682,894.72	3,125,617.28	4,802,309.00

## NOTES ON BUDGETED INCOME 2021

1.0		INCOME	
1.1		<b>Annual Dues</b>	
	1.1.1	Current Annual Dues	Estimate of Current Dues
	1.1.2	Dues in Arrears	The arrears reflect the amount owing from members for previous year
	1.1.3	Dues in Advance	It is estimated that this amount will be received in advance
	1.1.4	Students Dues	Based on students population of 700 @ghc250each. Assumed 100% will pay
	1.1.5	International Relations	Estimated allowance for yearly international subscription and other related expenses
	1.1.6	Building Levy	Building levy is paid by new members. The amount is based on 700 new members paying GH¢50 each.
	1.1.7	Welfare	It is the 10% of Current dues and a one time welfare payment.
1.2		Seminar Income	An estimate of 20 seminars for average of 10 participants @ GH¢900 each
		Conference income	Income expected from conference
1.3		AGM Conference & Banquet	This is based on projected sponsorship from various organisations.
	1.4.1	Annual Banquet Tickets(singles)	Assumed 100 singles will buy ticket for Banquet at ghc80 each
	1.4.1b	Annual Banquet Tickets(Couple)	Assumed 200 couples will buy ticket for banquet at ghc 100 per couple
	1.4.2	Annual Conference	Figure is based on attendance of 350 members at ghc500 each
	1.4.3	Induction	Estimated 400 inductees at ghc195 each
1.4		Professional Stamp	Assume 500 members will acquire new stamps at a rate of Gh¢200 each.
1.5		Presidential Address	Sponsorship of Presidential address will be solicited as and when required
1.6		<i>Facility Hiring</i>	Estimated Figure is based on hiring of facilities at various prices.
1.7		<i>AET FEE&amp; DUES INCOME</i>	
	1.7.1	Profesional examination fees	Assume 300candidates at ghc200 for pre-exams and 500 candidates @ ghc350 for prof exams
1.8		Firms registration	Based on 130 firms at various fees payment
1.9		Sales of Inventory	Sales of car sticker, Lapel Pins, Engineers Act 819
1.10		Energy Fund	Estimate is based on admisson of 500 new members
1.12		Arbitration Services	40% of arbitration services charged will be retained by the institution.
1.13		Inductees Income	Income expected from inductees

## APPENDIX - A

## COUNCIL &amp; MEMBERS 2020/2021 COUNCIL YEAR

S#	Name	Position
1.	Ing. Leslie A. Ayeh - Chair	President
2.	Ing. Steve A. Amoaning-Yankson	Immediate Past President
3.	Ing. Harold Esseku	Vice President
4.	Ing. Rev. Prof. Charles A. Adams	President-elect
5.	Ing. Ebenezer K. Haizel	Executive Rep, Professional Engineers
6.	Mr. Philip Kwame Aheto	Executive Rep, Technicians
7.	Ing. Dr. Emmanuel K. Nyantakyi	Chairman, Branch 1 (Ashanti Region)
8.	Ing. Dr. Eric Oforu-Antwi	Chairman, Branch 2 (Bono, Bono East & Ahafo Regions)
9.	Ing. Isaac Bedu	Chairman, Branch 3 (Eastern Region)
10.	Ing. Hector A. Boye	Chairman, Branch 4 (Greater-Accra Region)
11.	Ing. Prof. Ibrahim Yakubu Seini	Chairman, Branch 5 (Northern, North East, Savannah, Upper East & Upper West Regions)
12.	Ing. Antoinette A. Agboado	Chairperson, Branch 6 (Volta Region)
13.	Ing. Jacob Brown Yawson	Chairman, Branch 7 (Western, Western North & Central Regions)
14.	Ing. Joseph K. Oddei	Chairman, Civil Technical Division
15.	Ing. Michael L. K. Dedey	Chairman, Mechanical Technical Division
16.	Ing. Kingsford D. Laryea	Chairman, Electrical/Electronic Technical Division
17.	Ing. Michael Kweku Nelson	Chairman, Chemical/Mining Technical Division
18.	Ing. David K. Nyante	Chairman, Research & Awards Committee
19.	Ing. Kweku Asmah	National Councillor, Chairman, ICT Committee
20.	Ing. Mavis Allotey	Chairperson, Conference & Programmes Committee
21.	Ing. Dr. Patrick A. Bekoe	National Councillor, Chairman, Education & Training Committee
22.	Ing. Kwabena Bempong	National Councillor, Chairman, Membership Committee
23.	Ing. William D. Albert Viala	Representative, Engineering Service Providers
24.	Ing. Prof. Mark Adom-Asamoah	Representative, Engineering Educational Units
25.	Ing. Dr. Mrs. Enyonam Kpekpena	WinE President
26.	Ing. Kwabena Agyei Agyepong	Executive Director



## EXECUTIVE COMMITTEE

S#	Name	Position
1.	Ing. Leslie A. Ayeh - Chair	President
2.	Ing. Steve A. Amoaning-Yankson	Immediate Past President
3.	Ing. Rev. Prof. Charles Adams	President-Elect
4.	Ing. Harold Esseku, FGhIE	Vice President
5.	Ing. Ebenzer K. Haizel, FGhIE	Executive Rep.
6.	Mr Philip K. Aheto, MGhIE	Executive Rep.
7.	Ing. Kwabena Agyei Agyepong	Executive Director

## FINANCE COMMITTEE

S#	Name	S#	Name
1.	Ing. Harold Esseku - Chair	8.	Ing. Mavis Allotey
2.	Ing. Steve Amoaning-Yankson	9.	Ing. Kweku Asmah
3.	Ing. Rev. Dr Charles A. Adams	10.	Ing. M. K. L. Dedey
4.	Ing. David K. Nyante	11.	Ing. Joseph Oddei
5.	Ing. Ebenezer K. Haizel	12.	Ing. K. D. Laryea
6.	Ing. Kwabena Bempong	13.	Ing. Michael K. Nelson
7.	Ing. Dr Patrick Amoah Bekoe	14.	Ing. Kwabena Agyei Agyepong

## ICT COMMITTEE

S#	Name	S#	Name
1.	Ing. Kweku Asmah - Chair	12.	Mr. Elias Kpadas Ismael
2.	Ing. Eugene Osae M. Asamoah	13.	Ing. Samuel K. A Yeboah
3.	Benjamin Osei Kumi	14.	Mr. Bismark Adu
4.	Ing. Michael Adotey Codjoe	15.	Ing. Fiifi Asante-Antwi
5.	Ing. Daniel Adjei Asante	16.	Ing. Getor John
6.	Mr. David Bronyah	17.	Ing. Kwame Gyesi Sagoe
7.	Mr. Raymond Mawuli Ametefe	18.	Ing. Abdul-Shakud Iddrisu
8.	Ing. Elorm Bansah	19.	Ing. David M. Sackey
9.	Ing. Ernest Awunyo- King	20.	Ing. Isaac Teye Ayiku
10.	Ing. Edward Kwaku Dzakpasu	21.	Mr. Mohammed Issah
11.	Ing. Dr. Emmanuel Kwesi Nyantakyi	22.	Mr. Richard Owusu Acheampong

## MEMBERSHIP COMMITTEE

S#	Name	S#	Name
1.	Ing. Kwabena Bempong - Chair	23.	Ing. Mavis Allotey
2.	Ing. Ebenezer K. Haizel	24.	Ing. Samuel Boamah Danquah
3.	Ing. Dr. Patrick Bekoe	25.	Ing. Bedu-Preko Anim
4.	Ing. N. T. Hammond	26.	Ing. Bernard Kofi Ellis
5.	Ing. Kweku Asmah	27.	Ing. Fiifi Asante-Antwi
6.	Ing. Michael K. Nelson	28.	Ing. David M. Sackey
7.	Ing. Michael K. L. Dedey	29.	Ing. Hector Boye
8.	Ing. Joseph K Oddei	30.	Ing. Bright D. K Nuhoho
9.	Ing. Kingsford D. Laryea	31.	Ing. Abdul Karim Mumuni
10.	Ing. Michael A. Abbey	32.	Ing. Gordon Apenyo Hlorlewu
11.	Ing. (Mrs) Benedicta O. Acherekoh	33.	Ing. Robert Ben-Smith
12.	Ing. Edward M. Melomey	34.	Ing. Vincent Kwame Osei-Appiah
13.	Ing. Collins Owusu-Ansah	35.	Ing. Adamu Ben- Mahmoud
14.	Ing. Willie Yeboah Amadi	36.	Ing. Francis Oblitey Amui
15.	Ing. N. T. Hammond	37.	Ing. Seth O. Y. Ahene
16.	Ing. John F. Pinkrah	38.	Ing. Osei Louis Kwasi
17.	Ing. James P. Buckle	39.	Ing. Laud Odartey Mills
18.	Ing. Juliet Adu	40.	Ing. Anthony Asamoah Boadu
19.	Ing. John Solomon Ankrah	41.	Ing. Richard Lamptey
20.	Ing. Harold Esseku	42.	Ing. Sampson Asare
21.	Ing. Abdul-Shakud Iddrisu	43.	Harriet Mawunyo Atuwu
22.	Ing. Joshua Allotey		

## WELFARE COMMITTEE

S#	Name	S#	Name
1.	Ing. Ebenezer Haizel - Chair	8.	Ing. Nusinyo Abba
2.	Ing. Bright D. K Nuhoho	9.	Ing. Gabriel Appiah
3.	Ing. Frank Siaw	10.	Ing. Gabriel Boateng Appiah
4.	Mr. Caleb Dogbatsey	11.	Ing. Morrison Eden Essah
5.	Ing. Matthew Seddor Akatey	12.	Ing. Nusinyo Kwamla Abba
6.	Ing. Usman Umar Farouk	13.	Mr. Franklin Boadu
7.	Ing. Rasheed Dauda		

## RESEARCH &amp; AWARDS COMMITTEE

S#	Name	S#	Name
1.	Ing. David K. Nyante - Chair	9.	Mr. Francis K. Dogbey
2.	Ing. Dr. Frederick K. Amu-Mensah	10.	Ing. Dr. Abena Obiri- Yeboah
3.	Ing. Kisman A Eghan	11.	Ing. Kwadjo Baah
4.	Ing. George Ademan	12.	Mr. Philip Sarpong
5.	Ing. Israel Acheampong	13.	Mr. Richard Amponsah
6.	Ing. Francis Kemausuor	14.	Ing. Osei Louis Kwasi
7.	Ing. Yaw Owusu	15.	Ing. Dr. Richard Ohene Kwofie
8.	Ing. Dr. Issaka Yakubu	16.	Mr. Ben Bartels

## PUBLICATIONS COMMITTEE

S#	Name	S#	Name
1.	Ing. Prof. Charles A. Adams - Chair	16.	Ing. Harry Atta- Motte
2.	Ing. Dr. Emmanuel Appiah-Kubi	17.	Ing. Shadrack Kwadwo Amponsah
3.	Ing. Dr. Eric Tutu Tchao	18.	Ing. Kwadwo Antwi Gyasi
4.	Ing. Williams Ackaah	19.	Ing. Emmanuel K. Appiah-Adjei
5.	Mr. Elikplim Afenyo	20.	Ing. Dr. Thomas Mensah
6.	Ing. Eric Afful Baiden	21.	Ing. Dr. Kwaku Amaning Adjei
7.	Ing. Gertrude Esi Eshun	22.	Ing. Alex Zack Kweku Tio
8.	Ing. Peter Masoshwe Dagadu	23.	Ing. Yaw O. Akomeah
9.	Samuel Sena-Mawuli Pesewu	24.	Ing. Dr. Celestina Allotey
10.	Ing. Stephen Eyram Tettevi	25.	Ing. Prof. Bernard Kumi Boateng
11.	Ing. Dr. Emmanuel Kwesi Nyantakyi	26.	Ing. Dr. Lawrence Darkwah
12.	Ing. Richard Lamptey	27.	Ing. Dr. Emmanuel Kwame Yamoah
13.	Ing. Kwaku Asare - Sefah	28.	Ing. Dr. Anthony Andrews
14.	Ing. Augustine Asiamah	29.	Ing. Emmanuel Appiah Kubi
15.	Ing. William Okine Addy	30.	Ing. Dr. Imoro I. Adam

## EDUCATION AND TRAINING COMMITTEE

S#	Name	S#	Name
1.	Ing. Dr. Patrick A. Bekoe - Chair	22.	Mr. Issaka Yakubu
2.	Ing. Joshes Oddei	23.	Ing. Dr. Abena Obiri-Yeboah
3.	Ing. Michael Dedey	24.	Ing. Kwadjo Baah
4.	Ing. Michael Nelson	25.	Ing. Philip Sarpong
5.	Ing. K. D. Laryea	26.	Ing. Osei Louis Kwasi
6.	Ing. Emmanuel Appiah Kubi	27.	Ing. Raymond Mawuli Ametefe
7.	Ing. Harriet Mawunyo Atuwu	28.	Ing. Elorm Bansah
8.	Ing. Bernard Williams Amoah	29.	Ing. Edward Kwaku Dzakpasu
9.	Ing. Dr. Richard Amponsah	30.	Ing. Ernest Awunyo-King
10.	Ing. Ben Richard Aniagyei	31.	Ing. Dr. Emmanuel Kwesi Nyantakyi
11.	Ing. David Sampson	32.	Ing. Isaac Teye Ayiku
12.	Mr. Francis Kofi Dogbey	33.	Ing. Dr. Richard Ohene Kwofie
13.	Ing. David Adisu	34.	Ing. Elias Kpadas Ismael
14.	Ing. Samuel Kwabena Asare.	35.	Ing. Samuel K. A Yeboah
15.	Ing. Daniel Asare Akoto	36.	Ing. Johnson Kwao Hlordjie
16.	Ing. Dr. Baffour Asare	37.	Mr. Elipklm Afenyo
17.	Ing. Isaac Kumfo	38.	Ing. Eric Afful Baiden
18.	Ing. Francis Oblitey Amui	39.	Ing. Gertrude Esi Eshun
19.	Ing. Emmanuel Appiah Kubi	40.	Ing. Dr. Nii Darko Asante
20.	Ing. Harriet Mawunyo Atuwu	41.	Ing. Dr. Richard Amponsah Rev.
21.	Ing. Nana Darko Okai		

## APPENDIX - A

LIST OF MEMBERS ON ENTITY TENDER COMMITTEES

No.	Nominee	Organisation
1.	Ing. Kasser A. Tee	- Northern Regional Coordinating Council
2.	Ing. Nicholas T. Hammond	- Office of Regional Co-ordinating Council, Greater Accra
3.	Ing. Dr. Joseph K.D. Annan	- Ghana Standards Authority
4.	Ing. Ato Roberts	- Volta River Authority
5.	Ing. Ato Wright	- Ghana Civil Aviation Authority
6.	Ing. Harold Esseku	- Ghana Ports and Harbours Authority
7.	Ing. Sylvia M. Arthur	- Ministry of Local Government and Rural Development
8.	Ing. Peter F. Aganu	- Ghana Highway Authority
9.	Ing. Matthew A. Adombire	- Community Water and Sanitation Agency
10.	Ing. (Mrs) Gloria Apenkwah	- Nursing and Midwifery Council of Ghana
11.	Ing. Ebenezer K. Haizel	- Ministry of Petroleum
12.	Ing. Kingsford D. Laryea	- Ghana Grid Company Limited
13.	Ing. Kwaku Boampong	- Department of Urban Roads
14.	Ing. Matthew A. Seddoh	- Controller and Accountant-General's Department
15.	Ing. (Mrs) Gloria Apenkwah	- University of Ghana
16.	Ing. Kwame D. Donkor	- NEDCo
17.	Ing. Daniel K. Bainson	- National Health Insurance Authority
18.	Ing. Emmanuel Kofi Badza	- Regional Co-ordinating Council, Upper East
19.	Ing. Michael K. Dedey	- Ghana National Fire Service
20.	Ing. Collins Owusu-Ansah	- Ghana Railway Development Authority
21.	Ing. Valence Wise Ametefe	- Hydrological Services Department
22.	Ing. Harold Esseku	- Social Security & National Insurance Trust
23.	Ing. Samuel M. Asiedu	- Volta Lake Transport Co. Ltd.
24.	Ing. Joseph K. Oddei	- Ministry of Roads & Highways
25.	Ing. George Ofori-Mensah	- Registrar-General's Department
26.	Ing. Nana Duodu	- Ministry of Trade and Industry
27.	Ing. Magnus L. Quarshie	- Ministry of Finance
28.	Ing. Leslie A. Ayeh	- National Identification Authority
29.	Ing. Leslie A. Ayeh	- Ghana Museums and Monuments Board
30.	Ing. Kwabena Agyei Agyepong	- Ministry of Finance (Central Tender)
31.	Ing. Sylvia Arthur	- Ghana Airports Co. Ltd.
32.	Ing. (Mrs) Mercy Akyaa Payne	- National Road Safety Commission
33.	Ing. Ato Wright	- Ministry of Transport



34.	Ing. Victoria Berkoh	-	National Vocational Training Institute
35.	Ing. Collins Donkoh	-	State Enterprise Commission
36.	Ing. Frederick K. Amu-Mensah	-	National Council for Tertiary Education
37.	Ing. Ludwig A. Hesse	-	The Social Investment Fund
38.	Ing. Isaac Bedu	-	Eastern Regional Co-ordinating Council
39.	Ing. (Mrs) Safuratu Andani	-	Head of Civil Service
40.	Ing. Stephen Owusu	-	Ghana Railway Company (Takoradi)
41.	Ing. Dr. Josiah Malcolm Nuerterey	-	Ministry of Food and Agriculture
42.	Ing. Daniel K. Bainson	-	Department of Feeder Roads
43.	Ing. Francis K. Brew	-	Ghana Road Fund Secretariat
44.	Ing. Divine D. Dugbartey	-	Ho Polytechnic
45.	Ing. John Fosu Pinkrah	-	Ministry of Education
46.	Ing. Michael Nelson	-	Ghana Investment Fund for Electronic Communications
47.	Ing. Hector E.A. Boye	-	Tema Development Corporation
48.	Ing. Kwabena Bempong	-	Public Procurement Authority
49.	Ing. Sylvia Asare	-	Central Regional Co-ordinating Council (Central Tender)
50.	Ing. Sylvia Asare	-	Central Regional Co-ordinating Council (ETC)
51.	Ing. Godfrey Ewool / Ing. Cephas Tetteh Oguah	-	Ministry of Defence & Ghana Armed Forces
52.	Ing. Dr. Joseph K.D. Annan	-	Narcotics Control Board
53.	Ing. Dr. A.I. Imoro	-	Ghana Prisons Service
54.	Ing. Albert W.D. Viala	-	Ghana Cocoa Board
55.	Ing. Akwasi Pianim Osei	-	Ghana Broadcasting Corporation
56.	Ing. J.S. Okpoti	-	Ministry of Fisheries & Aquaculture Development
57.	Ing. Michael K. Dedey	-	Ministry of Railways Development
58.	Ing. Augustus Michael Addo	-	Ministry of Foreign Affairs & Regional Integration
59.	Ing. Andrews Kwablah	-	Ministry of Sanitation & Water Resources
60.	Ing. Michael Obeng Konadu	-	Ministry of Youth and Sports
61.	Ing. Kwasi A. Kwakwa	-	Ghana Revenue Authority
62.	Ing. Yeboah Asamoah-Twum	-	University of Professional Studies, Accra
63.	Ing. Albert L. Ashong-Lamptey	-	Ghana Meteorological Agency
64.	Ing. Kwasi A. Kwakwah	-	Ghana Post Company Ltd.
65.	Ing. Nana K. Ohene-Adu	-	National Board for Small Scale Industries
66.	Ing. Joseph K. Buckson	-	Council for Technical and Vocational Education and Training (COTVET)
67.	Ing. Samuel M. Asiedu	-	Metro Mass Transit Ltd
68.	Ing. (Mrs) Florence Cobbold	-	Water Resources Commission
69.	Ing. Dr. Joseph K.D. Annan	-	Ghana Cylinder MFG. Co. (GCMC) Ltd

70.	Ing. Dr. Felix N. Addo-Yobo	-	Environmental Protection Agency
71.	Ing. Gloria N.A. Kunutsor	-	Securities and Exchange Commission
72.	Ing. Dr. Eric Antwi Ofosu	-	Regional Tender Review Committee
73.	Ing. Yaa Obenewaa Okudzeto	-	Cocoa Marketing Company (Gh) Ltd
74.	Ing. Felix N.K. Tetteh	-	Quality Control Company Ltd
75.	Ing. Hector E.A. Boye	-	Coastal Development Authority
76.	Ing. John Fosu Pinkrah	-	Ministry of Education
77.	Ing. Kwaku Mensah Solomon	-	Ministry of Special Development Initiatives
78.	Ing. Edward Addotei Pappoe	-	Intercity STC Coaches Ltd.
79.	Ing. Hector E.A. Boye	-	Audit Service
80.	Ing. Kwaku Mensah Solomon	-	Office of the Head of Local Government Service
81.	Ing. Jonathan Tenkorang Obeng	-	Ministry of Interior
82.	Ing. Johnannes Twumasi-Mensah	-	Ghana Road Fund Secretariat
83.	Ing. Bukari M. Danladi	-	Northern Development Authority
84.	Ing. Joseph K. Oddei	-	Ghana National Petroleum Corporation
85.	Ing. Joseph K. Oddei	-	Ghana Insurers Association
86.	Ing. Ebenezer Haizel	-	W.E.B. Du Bois Centre
87.	Ing. John K. Awotwi	-	Bono East Regional Co-ordinating Council
88.	Ing. Emmanuel Obeng Atuah	-	Ghana Irrigation Development Authority
89.	Ing. Dr. Yakubu Issaka	-	Western North Regional Co-ordinating Council
90.	Ing. Eric Opare	-	National Sports Council
91.	Ing. David Mensah Sackey	-	Accra Digital Centre
92.	Ing. Dela Kwesi Honu	-	Office of the Special Prosecutor
93.	Ing. Kwame Korankye-Adjei	-	Nuclear Regulatory Authority
94.	Ing. Prof. Ibrahim Yakubu Seini	-	Office of the Savannah Regional Co-ordinating Council
95.	Ing. Dr. Emmanuel K. Nyantakyi	-	Middle Belt Development Authority
96.	Ing. Richmond Evans-Appiah	-	Ministry of Works and Housing
97.	Ing. Noble Obeng-Ankamah	-	Office of the Ahafo Regional Coordinating Council
98.	Ing. Kofi Mensah Sebuabe	-	Office of the Oti Regional Co-ordinating Council
99.	Ing. (Mrs) May A. Obiri-Yeboah	-	Ghana Integrated Iron & Steel Development Corporation
100.	Ing. Peter Kwame Danso	-	Petroleum Commission



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## Diversifying our Generation Portfolio for Sustainable Power Supply

The Volta River Authority has, since 1961, harnessed the resources of the Volta River to provide electrical energy for industrial, commercial and domestic use in Ghana, as well as transportation, fishery and recreation.

Starting with a generation capacity of 588MW, VRA now operates close to

2,474.5MW from its hydro, thermal and solar plants.

VRA continues to diversify its generation portfolio by exploring cleaner, cheaper and renewable sources of power generation such as wind and solar energy to sustain power supply.



**VOLTA  
RIVER  
AUTHORITY**

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