



**BAHRAIN
SOCIETY OF
ENGINEERS**

**BOARD OF DIRECTORS
REPORT**

**JULY
2020**

**ANNUAL
GENERAL MEETING**



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President Foreword

Respected BSE Members,

I am pleased to present to you the Technical & Financial reports for the past year – 2019, to be discussed at the General Assembly's meeting on the July 21, 2020.

After the General Assembly's meeting held in March 2019, the Board of Directors began work by reviewing the Action Plan that was approved a year ago after being updated. The Board proceeded to continue and follow up with the implementation of the previously laid plans to realize the planned objective of making the Bahrain Society of Engineers (BSE) take a quantum leap forward.

I am pleased to inform you that we were able to achieve a very high percentage of the plan prepared in March 2018. Thanks to the combined efforts of members on various committees, the Board and all the employees. I would like to address here some of these programmes, such as Tamheed, BSE Awards, Taaheel Programme, Forum for Past Presidents and Directors, Headquarters Interiors Project, Centre of Excellence Project, establishing chapters as well as other conferences and seminars, programmes, projects and activities. All of these have been discussed in detail.

The BSE, like any other organization, has gone through exceptional circumstances during its last months as a result of the Coronavirus pandemic, and this affected its activities, work, and of course its financial resources. We were not able to hold the General Assembly meeting on its usual date in March as a result of these circumstances and following on the directives contained in the circular issued by the Ministry of Labour and Social Development, which stipulated a postponement of all general assembly meetings. This meeting is now being organized after obtaining the Ministry's approval, provided it is held remotely.

These exceptional circumstances have led to reconsidering the way BSE's activities are organized and these need careful consideration in light of the decline in the financial resources, including the development

of new appropriate and structured methods for holding conferences and training workshops at the Training Centre and by using modern technological solutions. Furthermore, the development of the BSE's financial resources must also be a priority in developing its next action plan.

Finally, I would like to take this opportunity to thank the government and the various authorities for their continuous support to BSE. I also thank companies and establishments, whether within or outside Bahrain, that have assisted and supported our activities through various levels and programmes. I also thank Gulf, Arab and international engineering authorities for their cooperation.

BSE has managed to achieve a large percentage of its Action Plan which was prepared two years ago which would have not been possible without support of God Almighty and BSE members making strenuous efforts to launch these new programmes and projects and work in parallel with all other activities.

I thank my colleagues on the Board of Directors, the chairmen of committees and members, and the work staff, who all worked as team to achieve the objectives set for each committee and programme. This required a great deal of efforts and many meetings. I hope that more members will participate in serving the BSE.

I wish the best of luck to the next Board and prosperity to the Bahrain Society of Engineers.

Dr. Dheya A. Aziz Tawfiqi



EXECUTIVE SUMMARY

The year 2019-2020 has been challenging, particularly the beginning of 2020, due to the coronavirus pandemic, when we had to take all precautionary and preventive measures. This led to some difficulties in implementing our plans and their implementation in a manner contrary to what we normally do. The following is the executive summary of all the committees working under the umbrella of the BSE and its various activities, programmes and initiatives.

The BSE's Board for the 2018 was keen on making the society take a quantum leap that would strengthen its position as the most prestigious leading and specialized professional society in the engineering sector. Accordingly, it developed a detailed and accurate action plan that covered various aspects related to the development of the profession and services provided to its members and affiliates in various categories. The Board implemented this plan and was keen on continuing its update and development with the launch of the 2019 session. The Board was able to accomplish a very large percentage of the plan, as will be seen in this report.

The BSE held the second meeting for its General Assembly on March 20, 2019, which was attended by 135 members. A number of members were elected and positions were distributed during the first meeting to those who won.

The Board held 19 meetings in which the following various decisions were taken to develop the approved action plan and implement programmes and projects.

The Board's Executive Office held a number of meetings to follow up on the decisions it had taken. The Conferences and Exhibitions Committee organized four main events during 2019, which were attended by more than 1,100 participants from around the world. The events focused on relevant topics related to Industry 4.0 (4IR), Sustainability and Communications. Sustainable Energy Event was the first annual event and also organized the 12th edition of the Bahrain International Property Exhibition (BIPEX).

The Conferences and Exhibitions Consultative Committee was formed to assess the current plan and chalk out its work mechanism. It held many meetings and addressed several important topics, most notably the identification of conference topics to be closely related to the current conditions of the labour market in Bahrain and regional states.

The BSE's Training Centre organized courses and seminars for companies as well as internal courses. It held 10 such courses in the past year. The courses were chosen based on the requests received from BSE board members, recommendations from previous trainees, employer statements and a survey regarding the labour market needs.

The Training Centre is at the top of a strategic plan approved by the Board of Directors. The Training Consultative Committee recently worked on issuing the Training Centre's governance regulations and work systems, which were approved by the Board of Directors.

With regard to the quality review report of the Bahrain Society of Engineers - Training Centre (BSETC), the BSE sought to include it on the list of the General Directorate of National Qualifications Framework. Consequently, the Quality Assurance Authority carried out audit work for the fourth session review, so that the Centre received a "Good" rating.



The BSE continued with the HCFC Phase-out Management Plan (HPMP) Project with the Supreme Council for the Environment (SCE), in cooperation with the United Nations Environment Program (UNEP), the United Nations Industrial Development Organization (UNIDO) and the company, VENDO. In cooperation with all these bodies, the BSE completed the first and second phases of the project in April 2019.

The Public Activities and Community Service Committee worked on organizing lectures, seminars and engineering and specialized forums, as well as arranging members' visits to take a look at the latest completed or under construction engineering projects within and outside Bahrain; along with supervising preparation of event halls for the functions organized by the BSE, and other activities. The committee was able to implement a number of programmes, most notably the annual camp, the Ramadan Ghabga, the Bahraini Engineers Day celebration, the Second Forum of the Former Board Chairmen and members and the BSE Toastmasters Club.

The Members and Profession Affairs Committee received a number of requests from professionals to join the Bahrain Society of Engineers. A total of 485 requests were received, after reviewing which these were submitted to the Board of Directors. The Board approved 414 members from different categories, while 10 requests remained under consideration, six requests were rejected. In addition, membership promotion requests were approved for 55 members.

The Media and Public Relations Committee issued 47 Press releases in the local Arab and foreign newspapers. The committee participated along with the Conference and Exhibition Committee to work on covering all conferences and exhibitions as well as exhibitions accompanying conferences. The committee released two issues of the Al Mohandis Magazine, issues 68 and 69, in addition to issuing six electronic copies of the newsletter during 2019. The social media team conducted awareness campaigns to address the coronavirus pandemic.

The Bonds and Divisions Committee is considered one of the initiatives that the Board of Directors worked on within its action plan that it has undertaken to implement. Two engineering divisions were formed - the Civil Engineering and Environment Division and the Electronic, Electrical and Computer Engineering Division, which consist of a group of male and female engineers.

The Financial Affairs Committee was formed by the General Assembly to review the financial manual. The financial gap was analyzed by KPMG to study the current financial management system to analyze gaps and conduct a high-level assessment for the financial management of all the BSE's activities.

The BSE was able to implement many projects and programmes, the most prominent of which are as follows: the Newly Graduated Engineers Training and Employment Project "Tamheed" and its supervisory committee, the Centre of Excellence for Engineers Project, the IT Systems Development Project, the Current Head Office Development and Maintenance Project, the BSE Award, the Members Qualification and Development Programme to work in the Committees and the Board of Directors "Taaheel", the HRH Princess Sabeeka Bint Ibrahim Al Khalifa Award for Bahraini Women Empowerment, and the Job Seekers Platform.

As for the impact of the coronavirus pandemic on the BSE, the BSE was severely affected at various levels as a result, which negatively affected its various work and operations. The BSE had taken preventive measures to protect its staff and visitors, which was a great challenge, especially since it came at the



time when the Interior Design Project for the BSE's Head Office was being implemented.

Based on the above, the following are some recommendations and proposals to be studied and implemented by the next board of directors:

- A. Prepare an in-depth study on the BSE's future implementation of work as a result of being affected by the coronavirus pandemic, and prepare an action plan on these items.
- B. Postpone the Centre of Excellence Project as a result of the coronavirus pandemic and reconsider its plan, layout, and its implementation and finance programme. The Project will be finalized after the Covid -19 pandemic.
- C. Continue with the programmes that were developed during the past two years, especially the Tamheed Programme, the BSE Award, the Taaheel Programme, Forum for Past Presidents and Directors, and others.
- D. Develop the "Tamheed" Programme, especially in terms of the employment aspect; in order to work on recruiting more graduates at the earliest opportunity.
- E. Work on completing the Professional Engineers Programme in cooperation with international engineering institutes.
- F. Organize the next annual appreciation event for members who worked with various committees and the BSE's activities in 2019; as it was not possible to organize this before holding the General Assembly due to the conditions related to the spread of coronavirus.
- G. Study the Bylaws and Internal Regulations and submit plan to be presented to an Extraordinary Meeting to discuss and approved the changes.
- H. Next AGM shall be held at its usual time during the month of March 2021.

This was a brief of the Executive Summary, in which we were keen on highlighting the BSE's main achievements during the period March 2019 /May 2020, in the hope that more information about all issue will be extensively viewed in each clause separately in the annual report before you. You will find a detailed report therein on the financial affairs and the auditors' report.



SECRETARIAT AND EXTERNAL AFFAIRS

- A. The General Assembly's second meeting was held on March 20, 2019 in the presence of 135 members and the following individuals were elected to assume the membership of the Board.
- B: Eng. Mohammed Al-Khozaae
- Eng. Jawad Al-Jabal
- Eng. Ayman Nasser
- Eng. Reem Al-Otaibi
- Reserve Member: Dr. Haitham Al-Qahtani
- B. At the Board's first meeting, the positions were distributed as follows:
- Dr. Dheya Abdulaziz Tawfiqi / President
 - Eng. Mohammed Ali Al- Khozaae / Vice-President
 - Eng. Jawad Jaafar Al-Jabal / Secretary and Director of External Affairs
 - Eng. Fouad Ahmed Al-Sheikh / Treasurer
 - Eng. Jameel Khalaf Al-Alawi / Director of Conferences and Exhibitions
 - Dr. Raida Kadhem Al-Alawi / Director of the Training
 - Eng. Ayman Mohamed Nasser / Director of the Membership and Professional Affairs
 - Eng. Reem Ahmed Al-Otaibi / Director of Media and Public Relations
 - Eng. Reem Ebrahim Khalfan / Director of General Activities and Community Service
- C. During the past year, the Board of Directors held 19 meetings in which several decisions were taken to develop the approved action plan and implement the BSE's programmes and projects.
- D. The Board's Executive Office held a number of meetings as required to follow up with the decisions taken by the Board.
- E. The General Assembly meeting, which was supposed to be held in March, was postponed in accordance with the circular issued by the Ministry of Labour and Social Development due to the coronavirus pandemic, and in line with the approved national precautionary plan.
- F. Cooperation agreements:
- In order to develop a relationship and cooperation with various enterprises, the Bahrain Society of



Engineers (BSE) signed agreements with each of the following:

- University of Bahrain / April 29, 2019
- Bahrain Polytechnic / April 16, 2019
- Royal University for Women (RUW) / September 26, 2019

G. The Federation of Arab Engineers:

- The Supreme Council meeting was held in Tunisia and attended by the BSE President Dr. Dheya Tawfiqi on September 26, 2019.
- The meeting of the heads of engineering authorities was held and attended by the BSE President Dr. Dheya Tawfiqi on December 19, 2019.
- The annual meeting of the heads of specialized authorities and the standing committees was held in Cairo / Arab Republic of Egypt, and attended by Dr. Raida Al-Alawi, Eng. Jawad Al-Jabal, and Eng. Jameel Al-Alawi.

H. The Gulf Engineering Union:

- Eng. Mohammed Ali Al-Khozaae was nominated as Deputy Secretary General of the Gulf Engineering Union for the 2020-2023 session.
- A follow-up meeting of the Supreme Council of the Gulf Engineering Union was held and was attended by BSE President Dr. Dheya Tawfiqi, the Secretary, Eng. Jawad Al-Jabal, and the Financial Secretary, Eng. Fouad Al-Shaikh on April 26, 2019.
- A meeting was held in Muscat, Sultanate of Oman for the work team to prepare the 2020-2023 Strategic Plan. It was attended by the Vice-President Eng. Mohammed Ali Al-Khozaae.
- Due to the state of mourning in the Sultanate of Oman, it was decided to transfer the Engineering Forum to the State of Kuwait to be held in March 2020. However, due to the circumstances of the coronavirus, it was postponed to another date.

I. The World Federation of Engineering Organizations (WFEO):

- Eng. Abdul Majeed Al-Qassab continues his duties as a member of the Executive Office of the World Federation of Engineering Organizations (WFEO).
- The World Federation held its annual conference in November 2019 in Australia; the BSE President was unable to attend the conference due to health reasons, and Eng. Abdul Majeed Al-Qassab was assigned to represent the BSE.
- The World Federation of Engineering Organizations (WFEO) decided to adopt March 4 each year as the World Engineering Day for Sustainable Development; and a conference was prepared to be held in Paris in March 2020, but it was cancelled due to the global health conditions. It is hoped that each engineering authority will prepare for the celebration in the years to come.



J. The Board of Trustees of the BSE Training Centre:

The Training Centre comes at the top of the strategic plan's priorities within the plan approved by the Board of Directors. The Training Consultative Committee recently worked on issuing the Training Centre's governance regulation and work system, which were approved by the Board of Directors.

From this regulation, a board of trustees will be formed for this Centre to formulate the training general policies, consisting of seven people with experience in the training field and from various enterprises in the private and public sector.

K. The foreign associations working under the BSE umbrella were contacted to amend the cooperation agreements; in order to work in accordance with the procedures of the BSE's Statute.

L. The Ministry of Justice's Alternative Sanctions Programme:

The Ministry of Justice, Islamic Affairs and Endowments invited all civil society bodies to a meeting to explain the alternative sanctions programme and the societies' role in participating therein an the Board of Directors agreed to coordinate with the Ministry to determine the fields in which the BSE could participate, such as the administrative matters and the training centers programmes.

M. M. The BSE's Participation in the Committees:



◆ **OFFICIAL COMMITTEES:**

- **The Council for Regulating the Practice of Engineering Professions (CRPEP):**

Eng. Abdul Nabi AL-Sabah

Eng. Isa Janahi

- **Supreme Council for Women:**

Eng. Huda Sultan

- **Building Facades Study Committee:**

Eng. Maryam Al Yahya

- **Public-Interest Expendable Properties Valuation Committee:**

Eng. Fouad AL-Shaikh

- **Grievance Committee:**

Eng. Amer bin Rajab

◆ **INTERNAL COMMITTEES:**

- **Conferences and Exhibitions Consultative Committee:**

Eng. Mohammed Khalil Alsayed (Chairman)

Dr. Dheya Abdulaziz Tawfiqi

Eng. Jameel Khalaf AL-Alawi

Eng. Abdul Majeed AL-Qassab

Dr. Haitham AL-Qahtani

Dr. Ebrahim Matar

Eng. Saleh Tarradah

Eng. Seema AL-Lingawi

Eng. Iman AL-Ansari

Eng. Raja AL-Zayani

- **Training Advisory Committee**

Eng. Jameel Kadhem AL-Alawi (Chairman)

Dr. Dheya Abdulaziz Tawfiqi

Dr. Jameel AL-Alawi

Eng. Samih AL-Alawi

Dr. Raida AL-Alawi

Eng. Yasser AL-Abbasi

Eng. Khalid AL-Muhannadi

Eng. Saeed Asbool

Eng. Abdul Shahid AL-Satih

Eng. Abbas Ali Mirza

Dr. Hameed Abdulla

- **Experts and Arbitrators Committee:**

Eng. Shahraban Shareef (Chairperson)

Eng. Saeed Asbool

Eng. Masoud AL-Hermi

Eng. Mounir Yaqoobi

Eng. Jawad AL-Jabal

Dr. Jameel Abdulla AL-Alawi

Eng. Jameel Khalaf AL-Alawi

Eng. Khalil AL-Obaidat

Eng. Abdulaziz Al Wadi

Eng. Hassan AL-Zubail

Eng. Abbas AL Watani

Dr. Khaled AL-Shafei

Dr. Adnan AL-Tamimi



- **IT Systems Development Committee:**

Eng. Abdul Nabi Al-Sabah (Chairman)

Eng. Mohammed Al-Asfoor

Dr. Hameed Abdulla

- **Newly Graduated Engineers Training and Employment Project "Tamheed"**

Eng. Masoud Ibrahim Al-Hermi (Chairman)

Dr. Dheya Abdulaziz Tawfiqi

Eng. Mohammed Ali Al-Khozaae

Eng. Abdullah Al-Qassimi

Eng. Isa Ali Janahi

Dr. Raida Al-Alawi

Eng. Khalid Al-Muhannadi

Eng. Ghada Al-Marzooq

Dr. Salwa Baserrah

Dr. Hameed Abdulla

- **BSE Centre of Excellence:**

Dr. Dheya Abdulaziz Tawfiqi (Chairman)

Eng. Abbas Al Watani

Eng. Nour Al-Mutawa

Eng. Mohammed Abdul Khaliq

Dr. Ahmed Al-Jowder

Dr. Hameed Abdulla

- **Interior Design Project Committee:**

Dr. Dheya Abdulaziz Tawfiqi (Chairman)

Eng. Mohammed Al-Khozaae

Eng. Ghada Al-Marzooq

Dr. Hameed Abdulla

- **Media and Public Relations Committee:**

Eng. Reem Al-Otaibi (Chairperson)

Eng. Fawaz Al-Qassimi

Dr. Isa Qamber

Eng. Ghada Al-Marzooq

Eng. Heba Al-Tarifi

Eng. Hamza Manaa

Dr. Fay Al-Khalifa

Eng. Susan Ajjawi

- **General Activities and Community Services Committee:**

Eng. Reem Khalfan (Chairperson)

Eng. Hamad Ibrahim Badu

Eng. Habib Hussein Jaboori

Eng. Jaffar Mohammed Ali

Eng. Shaikha Sultan Al-Ekhlasi

Eng. Mahdi Ebrahim Hamid

Eng. Wojod Fouad Janahi

Eng. Sarah Ahmed Majid

Eng. Zahra Abdullah Sanad

Eng. Marwa Abdullah Jassim

Eng. Ali Jameel Mansoor

Eng. Mahdi Taher Al-Jallawi

Eng. Hawra Faisal Al-Mashima



Eng. Mahmood Mohammed Yaqoob

Eng. Ali Jaber Al-Qattan

Eng. Noor Majid Elddine Khalil

Eng. Shaikha Abdullatif Al-Medawi

Eng. Ali Abdulla Al-Jaouni

Eng. Mohammed Abdul Amir

Eng. Farha Al-Dosari

Eng. Omar Samir

Eng. Sarah Al-Berni

- **Corona Virus Affected Individuals Support Committee:**

Eng. Reem Khalfan (Chairperson)

Eng. Mahmood Yaqoob

Eng. Sarah Majid

Eng. Hamad Badu

Eng. Mohammad Jaffar

Eng. Shaikha Al-Khalasi

- **BSE Awards Committee**

Eng. Emad Almoayed (Chairman)

Dr. Dheya Abdulaziz Tawfiqi

Dr. Osama Al-Baharna

Dr. Abdul Imam Al-Sammak

Eng. Youssef Amin

Eng. Effat Reda

Eng. Abdul Nabi Al-Sabah

Eng. Mohammed Al-Khozaae

Dr. Hameed Abdulla

- **Outstanding Engineer Awards Judging Committee:**

Eng. Jameel Kadhem Al-Alawi (Chairperson)

Eng. Abdul Majeed Al-Qassab

Eng. Abdul Nabi Al-Sabah

Eng. Jassim Al-Shirawi

Eng. Khalil Al-Obaidat

Eng. Abdullah Al-Qassimi

Eng. Jaffar Mohammed Ali

- **Engineering College Students Graduation Projects Award Evaluation Committee:**

Dr. Suhail Al-Masry (Chairman)

Dr. Wafa Al-Mansoori

Dr. Abdul Imam Al-Sammak

Eng. Abdul Nabi Al-Sabah

Dr. Haitham Al-Qahtani

Eng. Effat Reda

- **Environment Committee (HPMP):**

Eng. Abdul Nabi Al-Sabah

Dr. Hameed Abdulla

- **Supreme Council for Women:**

Eng. Reem Al-Otaibi (Chairwoman)

Eng. Hoda Sultan

Mr. Jaffar Al Sameikh

Dr. Hameed Abdulla



- **Financial Manual Inspection Committee:**

Dr. Osama Al-Baharna (Chairman)

Eng. Fouad Al-Sheikh

Eng. Majed Sharaf

Eng. Hameed Abdulla

Eng. Bader Al-Mansoori

Eng. Hussein Bader Al-Asadi

Eng. Saleh Tarradah

- ◆ **GULF, ARAB, AND INTERNATIONAL COMMITTEES:**

- **The Gulf Engineering Union:**

Eng. Mohammed Al-Khozaae / Deputy Secretary General of the Gulf Engineering Union

- **The Federation of Arab Engineers:**

Eng. Jawad Al-Jabal / Standing Board Member

Eng. Jameel Al-Alawi / Accreditation and Classification Authority Member

Dr. Raida Al-Alawi / Head of the IT Committee

- **World Federation of Engineering Organizations (WFEO):**

Eng. Abdul Majeed Al-Qassab

BSE AND CORONAVIRUS PANDEMIC

The BSE was greatly affected in various respects as a result of the Coronavirus pandemic, which also affected its work and operations. This report addresses this matter:

- A. The BSE has taken various measures to prevent and protect its employees as well as visitors. That was a great challenge, especially since it came at the time when the interior design project was being implemented. The head office and its various facilities have been sanitized several times and visitors have been prevented from entering the BSE; in addition to reducing the employees' working hours, rotating work, and ensuring they keep materials within the BSE, such as letters and parcels, along with placing health and awareness instructions at the head office.
- B. The BSE published awareness announcements prepared by the members and posted these on the BSE's social media to educate members as well as give them the opportunity to participate in this campaign.
- C. Large inductive announcements were displayed on the BSE's boundary wall to urge the community to stay at home.
- D. The BSE donated BD20,000 to the National Campaign (Fina Khair); which is BD 10,000 in cash, and medical equipment was purchased for the Ministry of Health for BD 10,000.
- E. Health packages for the prevention of Coronavirus were distributed to the BSE members as part of its support for the members, containing masks and sterilizers. A total of 230 packages were distributed.
- F. The BSE intensified its activities related to technical seminars; six seminars were held by virtual communication.
- G. The BSE provided appropriate means to hold the meetings of the Board of Directors and its various committees remotely.





CONFERENCES AND EXHIBITIONS

The BSE organized four main conferences and exhibitions during 2019, which were attended by over 1,100 delegates from the region and various parts of the world. The events focused on important topics such as the Fourth Industrial Revolution (4IR), Sustainability and Communications Conference. The events featured technical papers in which a group of experts participated in the field; contributing in providing a unique platform for the delegates to gain key insights on these topics; as the BSE partnered with other professional, educational and government entities to organize these events.

The BSE had a great impact on its members and on Bahrain in terms of improving the technology and engineering fields by attracting a number of international companies. BSE members reaped the benefits; as they were able to attend the conferences for free or with only minimum fees. We are truly honored to have had the opportunity to play a key role in facilitating these events.

Below is a list of the events organized by the BSE during the year 2019.

S.N	Event	Date	Location
1	International Conference on Fourth Industrial Revolution 2019	19th – 21st of February	Gulf Hotel
2	1st Annual International Sustainable Energy Event 2019	17th – 18th of April	Gulf Hotel
3	2nd IEEE Middle East & North Africa Communications Conference	19th – 21st of November	Diplomat Radisson Blu Hotel
4	12th Edition of Bahrain International Property Exhibition 2019 (BIPEX)	7th – 9th of December	Bahrain International Exhibition and Convention Center (BIECC) - Hall 1



◆ **INTERNATIONAL CONFERENCE ON FOURTH INDUSTRIAL REVOLUTION 2019**

The 1st International Conference on Fourth Industrial Revolution 2019 was held under the patronage of H.E. Shaikh Mohammed bin Khalifa Al-Khalifa, the Minister of Oil, Kingdom of Bahrain. The event was held between the February 19 and 21, 2019, at the Gulf Hotel under the theme “Industry 4.0 Transition and Capacity of GCC Countries”. The event was supported by the Bahrain Polytechnic, the University of Bahrain, the Institute of Electrical and Electronics Engineers (IEEE) - Bahrain Chapter, the Institution of Engineering and Technology (IET) - Bahrain Local Network, APM Terminals, the ICT Committee – the Arab Regulators Unit, and the United Nations Industrial Development Organization (UNIDO).

The three-day conference showcased technical presentations by 12 keynote speakers, three panel discussions and 36 technical presentations. In addition, two workshops were held during the conference. The event was supported by five sponsors, and 30 exhibitors participated in the exhibition held along with the conference. The event attracted a total of 630 participants from 15 countries.



◆ **1ST ANNUAL INTERNATIONAL SUSTAINABLE ENERGY EVENT 2019**

The 1st Annual International Sustainable Energy Event, which was organized with the Sustainable Energy Unit (SEU) and the United Nations Development Program (UNDP), was held under the patronage of H.E. Dr. Abdul Hussain bin Ali Mirza, former Minister of Electricity and Water, Kingdom of Bahrain between April 17 and 18, 2019 at the Gulf Convention Centre of the Gulf Hotel.

The event was attended by over 300 delegates, and held under theme “Fostering Bahrain’s Sustainable Energy”. It covered four key topics. The first topic addressed the policies, strategies and capacity building, while the second topic addressed the finance and sustainability; The third topic addressed technological innovations and new developments and the fourth topic addressed innovations in the networking and showcasing field. A total of 35 technical papers were submitted over two days. The event was supported by four sponsors and 28 specialized companies in the field of renewable energy and sustainability fields, who participated in the exhibition to showcase their products and services.



◆ 2ND IEEE MIDDLE EAST & NORTH AFRICA COMMUNICATIONS CONFERENCE (IEEE MENACOMM 2019)

The BSE, the University of Bahrain, and the IEEE Communications Society (IEEE ComSoc) - Bahrain Chapter organized the 2nd IEEE Middle East & North Africa Communications Conference (MENACOMM 2019) under the patronage of H.E. Eng. Kamal bin Ahmed Mohammed, Minister of Transportation and Telecommunications, Kingdom of Bahrain, between the November 19 - 21, 2019 at Diplomat Radisson Blu Hotel. The event was held under the theme 'Communications for Sustainable Development'. The three-day conference showcased six keynote sessions, one panel discussion, 60 technical presentations and also eight Skype presentations. The event attracted 350 participants.

◆ 12TH EDITION OF BAHRAIN INTERNATIONAL PROPERTY EXHIBITION 2019 (BIPEX):

The 12th Edition of Bahrain International Property Exhibition was held under the patronage of H.E. Shaikh Khalid bin Abdullah Al-Khalifa, Deputy Prime Minister of the Kingdom of Bahrain, between the December 7 and 9, 2019 at the Bahrain International Exhibition Centre. The exhibition was extended one more day, based on requests from major developers.

The event achieved a major success in the BSE's journey with 16 sponsors supporting the event in various categories. The event brought together 45 exhibitors and media partners, with a reduction of 10 per cent from the previous years due to the current market conditions. However, the exhibition spanned over an area of 5,000 m², showcasing many projects which attracted over 3,000 visitors over the course of four days. The two-day conference was the main attraction of the Bahrain International Property Exhibition, as it addressed the following topics:

- A panel discussion that included the top CEOs: Developers "The Future of Real Estate in Bahrain".
- A panel discussion that included the top CEOs: Bank Officials " Real Estate Finance, Capital Market Flows and re Real Estate Finance Renewal in the Region".
- A panel discussion on sustainability: "Challenges and Opportunities in Sustainable Development and Construction".
- Real Estate Regulatory Agency (RERA) session - Panel discussion: Owners Associations "Improving the Status of All the Stakeholders".
- The Electricity and Water Authority's seminars for the public on: the recent procedures for water and electricity installations, in two sessions.

◆ CONFERENCES AND EXHIBITIONS CONSULTATIVE COMMITTEE

A conference and exhibition consultative committee continued to assess the current plan and conferences management mechanism conducted by the BSE. The Committee held several meetings and tackled important topics to identify the conference topics, which are relevant to the current market conditions. Future events will be held to enhance the BSE's vision, given its crucial role, which contributes in serving the engineering professions and the economy of the Kingdom of Bahrain.

The Committee has recently met to assess the impact of the coronavirus pandemic and its economic

impact, the impact of the global economic recession, and the decline in the oil prices; in addition to the travel restrictions and the limitations imposed on all the social gatherings. A subcommittee was formed to study the possibility of organizing virtual conferences; in order to keep the BSE activities' cycle alive and see the possibility of creating any material income for the BSE. The Subcommittee assessed the current conferences program, and conducted a barnstorming to look for topics for potential new conferences that can be held virtually. The outcome will be discussed in future meetings to make the appropriate decision.

- Eng. Mohammed Khalil Alsayed (Chairman)
- Dr. Dheya A. Aziz Tawfiqi
- Eng. Abdul Majeed Al-Qassab
- Eng. Jameel Khalaf Al-Alawi
- Dr. Haitham Al-Qahtani
- Dr. Ebrahim Mattar
- Eng. Saleh Tarradah
- Eng. Seema Al-Lingawi
- Eng. Iman Al-Ansari
- Eng. Raja Al-Zayani



The Programs of the Conferences and Exhibitions to be held in 2020

S.N	Events	Date	Location
1	2nd Annual International Sustainable Energy Event 2020	13th – 15th of April	Gulf Hotel
2	18th Middle East Corrosion Conference & Exhibition 2020	11th – 14th of October	Bahrain International Exhibition and Convention Center (BIECC)
3	6th Middle East Maintenance & Reliability Conference & Exhibition	22nd – 25th of November	Gulf Hotel
4	6th Arab ICT Forum	14th of December	Gulf Hotel

With the ongoing Coronavirus pandemic crisis, combined with the economic impact and low oil prices, the region's local companies and commercial activities have been greatly affected. Travel restrictions and the inability to hold social gatherings due to the pandemic have affected the schedule of the BSE's conferences for 2020 and the 2nd Annual International Sustainable Energy Event, the 18th Middle East Corrosion Conference & Exhibition, and the 6th Middle East Maintenance & Reliability Conference & Exhibition have been postponed to 2021, in anticipation of better circumstances for social gatherings and a better economic situation. The 6th Arab ICT Forum will be converted to a virtual event.

With the relentless efforts from the Board of Directors and the volunteer members, and under the guidance of the Conferences Consultative Committee, we will be able to create value for the members and partners by producing new activities to meet the current scenarios.



BSE members were invited to participate in various conference committees, extend their active participation, and contribute in making the conferences successful. We are confident that their support and commitment towards the community activities will lead to a great success for our events that we held not only regionally, but also internationally.

The Board of Directors would like to extend its appreciation and gratitude to these authorities that have generously supported the BSE in the past, and are currently continuing to support our activities as well. The authorities include, but not limited to, the following: Saudi Aramco, BAPCO, GPIC, Bahrain National Gas Company (BANAGAS) and all the Bahraini ministries and authorities. The BSE Board would like to extend its thanks and appreciation to the national and international organizations, especially the Gulf Society for Maintenance and Reliability (GSMR), the National Association of Corrosion Engineers (NACE) and the Sustainable Energy Authority in Bahrain, for their support in jointly organizing various international exhibitions and conferences with the BSE.

In conclusion, we would like to extend our appreciation and gratitude to all the Conference Committee members and the volunteers for their dedicated work and commitment in working together as a team towards achieving the BSE's objectives and goals.

Eng. Jameel Khalaf Al-Alawi
Director of Conferences and Exhibitions

TRAINING CENTRE

◆ Training Courses:

The Bahrain Society of Engineers – Training Centre (BSETC) organized public courses, seminars and in-house courses for companies; as six courses, three in-house courses and one seminar were conducted during the year. A list of the organized courses is enclosed. The organized courses were selected based on the requests received from the BSE members, the recommendations from previous trainees, the employers' statements, and the market survey.

◆ BSETC Quality Review Report:

The BSE sought to include the Training Centre on the lists of the General Directorate of National Qualifications Framework; consequently, the Quality Assurance Authority carried out the audit work for the fourth session review, and the Center received a comprehensive judgment with a "good" rating. The following is a summary of the Center's report issued by the Quality Assurance Authority:

No.	Aspects	2019
1	Learners' Achievement	Good
2	Effectiveness of Teaching/Training Assessment	Good
3	Programs Quality	Outstanding
4	Support and Guidance Quality	Outstanding
5	Effectiveness of Leadership, Management and Governance	Outstanding
6	Ability to improve	Outstanding
Final Result:		GOOD

◆ Future Plans/ Improvements:

The BSETC continued to work on improving the training quality system; in order to maintain the quality of the provided training programs, the BSE is working on implementing the plans studied by the Board of Directors for improving the Training Centre's facilities; in order to accommodate more training needs in the engineering field.

◆ 2019 Training Consultative Committee:

The Committee held consecutive meetings to develop the Centre's general policy and prepare the governance regulation and work system for the Training Centre; in addition to preparing the action plan. The BSETC would like to express its appreciation to all the members of the Training Consultative Committee for their continuous cooperation and effective contribution to the Centre's success.

◆ Training Consultative Committee:

- Eng. Jameel Kadhem Al-Alawi (Chairman)
- Dr. Dheya Tawfiqi
- Dr. Jameel Al-Alawi
- Eng. Samih Al-Alawi
- Dr. Raida Al-Alawi
- Eng. Yasser Al-Abbasi
- Eng. Khalid Al-Muhannadi
- Eng. Saeed Asbool
- Eng. Abdul Shahid Al-Satih
- Eng. Abbas Ali Mirza
- Dr. Hameed Abdulla



- Training Courses Organized for 2019

No.	Course Title	Date	No. of Trainees
Training Workshops			
1	Practical Application of FIDIC Contracts	17th – 21st of March	11
2	Contracting using International Contract Forms (FIDIC/Joint Contracts Tribunal “JCT”)	23rd – 27th of June	6
3	Environmental Impact Assessment (EIA)	17th – 19th of September	6
4	Basic Project Management	19th -24th of October	7
5	Construction Management	27th – 31st of October	11
6	Problem Solving & Decision Making	22nd – 30th of December	8
In-House Courses			
1	Negotiation Skills - Havelock Company	24th of August	16
2	Dealing with Conflicts & Crises on Projects - Ministry of Interior	27th -29th of August	10
3	Dispute Management & Resolution, Claim Preparation & Settlement - Ministry of Works, Municipalities Affairs and Urban Planning	3rd – 5th of December	20
BSE Seminars			
1	Ground Penetrating Radar (GPR)	31st of March – 1st of April	18

- The National HCFC Phase-out Management Plan (HPMP) Strategy Implementation Project:

This Project was launched in collaboration with the Supreme Council for the Environment (SCE), and in cooperation with the United Nations Environment Program (UNEP), the United Nations Industrial Development Organization (UNIDO), and the VENDO Company in 2016. In collaboration with the mentioned authorities, the BSE completed the Project’s first and second phases in April 2019.

In the First Phase, a training course was held for the trainers; in addition to other courses for the customs officers; whereas in the Second Phase, 200 trainees and engineers working in the air conditioning field were trained; as these courses ended in April 2019.

The BSE also signed a new agreement with the United Nations Environment Agency (UNEP) to prepare a field survey for the refrigeration, air conditioning and fire-fighting sectors. The implementation work for the field survey has begun and the study is expected to be completed in 2020.

The Supreme Council for the Environment (SCE) and the BSE have also agreed with Tamkeen Company to conduct professional training courses for the Bahraini engineers and technicians working in these fields, and the professional training courses are expected to begin on the 12th of March 2020. These courses will provide an opportunity for the Bahrainis holding professional certificates to obtain a license to work in this sector from the Supreme Council for the Environment (SCE); in compliance with the recently passed law in this regard, which requires workers in this sector to have a license approved by the Board.

Dr. Raida Kadhem Al-Alawi
Director of the Training

GENERAL ACTIVITIES AND COMMUNITY SERVICES

- ◆ From the onset of its business in March 2019, the Public Activities Committee has worked on forming the Public Activities and Community Service Committee; in order to:
 - Organize the engineering and specialized lectures, seminars and forums.
 - Arrange the members' visit to see the latest completed or under construction engineering projects inside and outside Bahrain.
 - Organize the social activities of the BSE members.
 - Prepare and organize the foreign trips and visits.
 - Supervise the preparation of the event halls for the occasions organized by the Society.
 - Prepare community visits such as hospitals, nursing homes, etc.



- ◆ The Committee was able to implement the following social activities:
 - Annual Camp / 1st of February 2019
 - Ramadan Ghabga / 22nd of May 2019
 - Bowling / 24th of August 2019
 - Bahraini Engineers Day /15th of October 2019
 - The Second Forum of Former Board Chairmen and Members / 29th of September 2019
 - A Visit to the Pearling Trail Project / 21st of December 2019
 - Manama Tour / 25th of January 2020
 - Sports Day and Barbecue / 15th of February 2020
- ◆ Technical Visits:
 - A Visit to Masdar City in Abu Dhabi / 9th -11th of January 2019
 - A Visit to King Abdulaziz Center for World Culture (Ithra) / 9th of February 2019



- A Visit to the Muharraq Station and the Deep Lines Project / 5th of October 2019
- A Visit to Beeah Project in Sharjah – UAE / 27th of November 2019
- A Visit to the Golden Gate Project / 30th of November 2019

◆ Lectures:

The Public Activities and Community Service Committee was able to prepare the following lectures:

- Digital Transformation & BMI in Structural Engineering / 5th of November 2019
- The Importance of Experience and the Gravity of the Engineering Expert's Opinion in Resolving Disputes / 2nd of December 2019
- Al Fateh Street Development Seminar / 24th of December 2019
- Sustainable Construction / 15th of January 2020



◆ The Lectures' New Category Introduction Program:

The Program is based on allowing the companies to provide their products through the BSE in the form of lectures or seminars; so that the BSE does not bear any responsibility. Furthermore, these companies pay specific fees to the BSE in exchange for the opportunity to present their offers to the BSE members in accordance with the specific requirements, and a fee was set for each lecture amounting to BD 500 plus the hall rental fee.

The following are the preliminary standards that must be applied to accept the organization of a seminar from a particular company:

- The seminar's subject should be specialized in an engineering material.
- It is not permissible to hold a seminar for the real estate projects.
- The concerned company must submit the details of the subject; in order for the BSE to study and approve the request.

- It is not permissible to present commercial offers during the seminar.



◆ BSE Toastmasters Club

Since its inception in October 2006, the Club sought to provide a positive environment and assist in the learning process; as each Club member has the opportunity to develop his communication and leadership skills; thereby raising self-confidence and personal growth.

Last year, the Club held about 25 productive educational meetings; as the Club members meet twice a month on Saturday evening at the BSE's Head Office to present the toastmaster projects and play organizational and leadership roles. Here are the main achievements of 2019:

- 7 new members joined the Club.
- The new members joined the Executive Committee and carried out some of the Club's main operations; in order to be qualified to lead the Club and hone their skills.
- An integrated program has been prepared to qualify a cadre of instructors in the official and recreational events.
- Contributing and supporting the Club members in learning about some of the BSE's activities.
- The Club-wide toastmaster competitions have been successfully organized and implemented.
- Some Club members have been qualified to the toastmaster competitions at the section's level (Bahrain) after winning at the regional level.

For the first time, the Club achieved the full six educational points within 6 months of the toastmasters' year, and that is through the members' achievement of more educational awards.



The BSE held a number of seminars remotely, as follows:

Webinars:

1	21st April 2020	BIM: How it will help the construction industry
2	29th April 2020	Stay home, Catch up with Digital Construction
3	12th May 2020	Stay home, Catch up with 6G Communications
4	1st June 2020	Get project Management Professional CPMP Certification Training
5	19th May 2020	Key Contract Success Points
6	9th June 2020	The Impact of COVID-19 Construction Projects managed by FIDIC Contracts

Eng. Reem Ibrahim Khalfan

Director of General Activities and Community Services

MEMBERSHIP AND PROFESSION AFFAIRS

◆ BSE membership requests:

From March 2019 to May 2020, the BSE received a number of requests to join the Society. A total of 485 requests were received. After reviewing these requests by the members and Professional Affairs Committee and submitting them to the Board of Directors, the Board approved the membership of 414 members from different membership categories, while 10 requests remained under consideration. Six other requests were rejected due to their failure to meet the conditions and standards applicable by the BSE; Membership promotion requests were approved for 55 members

◆ The Members and Profession Affairs Department includes the Following Committees:

- Grants Committee: This committee consists of the Director of the Members and Professional Affairs Eng. Ayman Mohammed Nasser, Dr. Abdul Imam Al-Sammak, Eng. Amer Ali Bin Rajab, Eng. Sayed Jameel Al-Alawi, and Eng. Ahmed Al Khan.
- Membership Benefits and Promotion Committee: It consists of the Director of the Members and Profession Affairs Eng. Ayman Mohammed Nasser, Eng. Mahdi Al-Jallawi, Eng. Hawra Faisal, Eng. Ali Jameel Al-Sebaa, Eng. Jafar Mohammed, Eng. Mahmood Yaqoob, Eng. Hamad Badu, Eng. Noor Sayed Samih, Eng. Shaker Mushaima, Eng. Ibrahim Abdul Amir, Eng. Ahmed Attiah, Eng. Khalid Shukri Qaroni, Eng. Ali Melih, Eng. Jafar Mohammed Ali, Eng. Ali Jaber Al-Qattan, Eng. Ammar Al-Adrag, Eng. Majed Sharaf, Eng. Mohammed Al-Shihabi, and Eng. Mahdi Ibrahim.
- Members and Profession Affairs Committee: It includes the Director of the Members and Profession Affairs Eng. Ayman Mohammed Nasser, the Executive Secretary Eng. Jawad Jaffar Al-Jabal, Dr. Osama Taqi Al-Baharna, Eng. Isa Ali Janahi, and Eng. Ahmed Abdulrahman Al-Khan. The following are the statistics for the requests submitted in 2019-2020 and their distribution by categories and specializations:



Distribution of the Accepted New Requests according to the Membership Category shown in the Following Table: (2019 – 2020)

Membership Category	Number	Percentage
Fellow	-	0%
Member	66	15.5%
Graduate	279	67.4%
Affiliate	32	7.8%
Student	37	8.9%
Total	414	100%

Distribution of Requests by Specialization: (in 2019)

Specialization	Number	Percentage
Civil Engineering	116	28.0%
Mechanical Engineering	55	13.2%
Electrical Engineering	54	13.0%
Chemical Engineering	32	7.8%
Architectural Engineering	94	22.7%
Other Specializations	63	15.3%
Total	414	100%

◆ Grants Program:

The BSE continued to receive and collect information and documents related to the scholarships, and the competent committee has been studying all the cases in accordance with the applicable standards, and the BSE is arranging the disbursement of grants to its beneficiaries during the due period.

- Hisham Al-Shahabi Grants:

The BSE continued the Financial Grants Disbursement Program for the engineering students at the University of Bahrain; as 96 students applied for the grants, and 50 of them benefited from such grants during that year, and 12 grants students of various engineering specializations graduated that year; furthermore, 13 requests were received and are under consideration by the competent committee, and 18 students are currently benefiting from the Program.



◆ Membership Benefits Program:

An agreement was signed with Medgulf Takaful Company (Islamic Insurance) and exclusive offers were provided to the BSE members and their family members through the Golden Fruits Savings and Investment Program.

◆ Universities Accreditations

Based on the consultative meeting held with a number of former chairmen and a group of the BSE members and the meeting with the Members and Profession Affairs Committee regarding the acceptance of graduates of the engineering specializations from the local private universities to becoming members of the Bahrain Society of Engineers, a number of universities in the Kingdom of Bahrain have been accredited in accordance with the conditions and standards agreed upon during the recent meetings; in order to enable the largest number of people to join the BSE in the various existing categories.

◆ Training Courses:

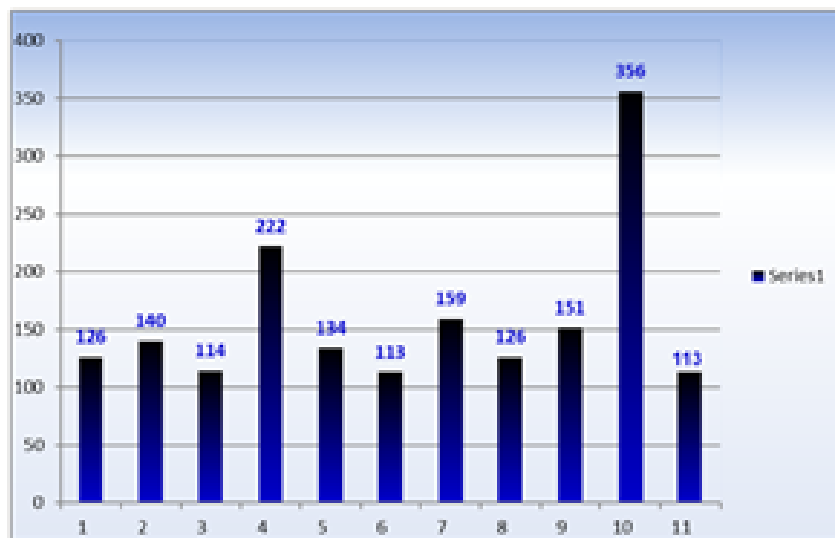
Eng. Omar Samir Atta received a free seat for the Basic Project Management Professionals course, which was prepared by Eng. Yousef Amin on the 19th - 24th of October 2019 at the BSE's Head Office in Jafir.

◆ A statistics on the number of requests accepted by the Board of Directors during the last 10 years:

An illustrative statistics for the increase in the number of the BSE members during the past years from 2010 to 2019

Years	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Number of Accepted Members	113	356	151	126	159	113	134	222	114	140	126

2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
9+104	310+46	144+7	106+20	140+19	88+25	125+9	208+14	105+9	121+19	116+10
113	356	151	126	159	113	134	222	114	140	126



(Statistics of the Number of Accepted Requests)

Details of the Statistics of the BSE Members till May 2020

Table No. (1) Number of Members by Membership Category

Membership Category	Number of Members	Percentage
Fellow	17	0.80%
Member	1192	54.8%
Graduate	499	22.9%
Affiliate	152	6.9%
Student	314	14.6%
Total	2174	100%

Table No. (2) Number of Members by Specialization

Category	Other Specializations	Architectural Engineering	Chemical Engineering	Electrical Engineering	Mechanical Engineering	Civil Engineering	Total
Fellow	3	-	1	3	5	5	17
Member	169	151	71	181	195	425	1192
Graduate	76	99	46	46	52	180	499
Affiliate	68	6	3	17	23	35	147
Student	56	57	24	24	54	99	314
Total	372	313	145	271	329	744	2174
Percentage	17.2%	14.4%	6.7%	12.4%	15.1%	34.2%	100%



Table No. (3) Number and Percentage of Members by Nationality

Category	Bahraini		Non-Bahraini		Total
	Number	Percentage	Number	Percentage	
Fellow	16	1%	1	-	17
Member	806	49%	386	72.8%	1192
Graduate	487	29.7%	12	2.5%	499
Affiliate	100	6%	52	9.8%	152
Student	235	14.3%	79	14.9%	314
Total	1644	75.6%	530	24.4%	2174

Table No. (4) Number and Percentage of Members by Gender

Category	Male		Female		Total
	Number	Percentage	Number	Percentage	
Fellow	17	1%	-	-	17
Member	1021	61.3%	171	33.8%	1192
Graduate	298	17.2%	201	39.6%	499
Affiliate	134	8%	18	3.6%	152
Student	197	11.8%	117	23%	314
Total	1667	76.7%	507	23.3%	2174

Life Active Members: 732 + Other Active Members: 1442 Total = 2174

Eng. Ayman Mohammed Nasser
Director of the Membership and Profession Affairs

MEDIA AND PUBLIC RELATIONS

The BSE's Media and Public Relations Committee aims to consolidate the BSE's position in the Bahraini community as the longest-standing professional society established in the Kingdom of Bahrain; and so it has developed a strategy to reach the desired objective by strengthening the BSE's relations with all the Arab and foreign media in their various electronic, printed, audio and visual forms. It has strengthened the relations between the BSE and the media in terms of publishing news and ensuring their follow-up to make sure that they are published properly; in addition to covering the activities and events of the BSE's committees.

It also highlighted the BSE's activities in terms of arranging interviews and giving them the opportunity to talk about the topics related to the BSE's work in journalism.



The following are the main achievements realized by the Committee during the period from March 2019 to March 2020:

◆ Press Releases:

The BSE issued about 47 diverse press releases covering most of the BSE's activities and events, which were addressed in the local Arab and foreign newspapers in a different manner; most of which were 100% published in all the newspapers operating in Bahrain; the matter which reflects the newspapers' high interest in the BSE's news.

◆ Media Coverage of Conferences

The Media and Public Relations Committee participated with the Conferences and Exhibitions Committee to cover many conferences and exhibitions, and also the exhibitions accompanying the conferences during the past year 2019/2020, which were as follows:

The Bahrain International Property Exhibition (BIPEX 2019), the Sustainable Energy Conference and its Accompanying Exhibition, the 4th Industrial Revolution Conference, the Engineering Careers Expo organized annually by the BSE; in addition to the Second Middle East Communications Conference.

The Media and Public Relations Committee's share of work in these conferences and exhibitions was to prepare press releases, and disseminate them to the newspapers before, during and after the conferences and exhibitions; in addition to assuming the task of inviting the local Arab and foreign press, the news agencies and other media to attend the conferences, exhibitions and all the BSE's activities and events; and then following up with the newspapers to see the published media coverage of these activities and events, and disseminating it to the BSE's Board members; along with publishing it on all the BSE's social media.

The Media and Public Relations Committee performs other tasks, including:

- Keeping an archive of the media coverage, in addition to completing any tasks related to the issuance of manuals by the BSE.
- Strengthening the communication with the foreign press to expand the circle of public relations with this type of newspaper; due to its importance to the BSE.
- Keeping a photographic archive of the BSE's programs; in order to refer to it when needed.
- Forming a special media committee for some conferences where work requires it, and its tasks vary according to the type and size of the conference; in order to reach the appropriate media coverage for the event.

◆ Al Mohandis Magazine:

This has been a year full of changes that have been considered by the BSE's Management at all levels, and the Al Mohandis Magazine has received its share of this change to come up with a new look different from what it was before in terms of form and content, which required a lot of deliberation. Accordingly, the Media and Public Relations Committee was able to release Issue 68 and 69, and so the Committee was able to release two issues of the Al Mohandis Magazine for the year 2019/2020.



◆ Al Mohandis Times:

The Committee has issued 6 e-copies of the newsletter during 2019; as some newsletters were merged with each other, such as the April and May newsletters, and the July, August, September, October, November and December newsletters, while the January, February, March and June newsletters were released on their specified time.

The Committee has been keen in all of its newsletters to cover all the news and activities of the Society's committees inside and outside Bahrain.

◆ Social Media:

Given the Committee's keenness on keeping pace with the current technological developments that control all transactions in the developed communities, all the social media such as Instagram, Twitter, Facebook, WhatsApp and YouTube Channel have been activated and fed with all the news and events carried out by the BSE through all its committees, each with its appropriate dissemination and feeding methods. The social media team of the Media and Public Relations Committee also ran a number of awareness campaigns launched by the BSE with the aim of addressing to the coronavirus pandemic that struck all countries of the world.

◆ Society's Releases:

The Committee is working within the current Board's perspective on many releases that would be an archival material that enables the researcher of the BSE's history to refer and resort to it, including these proposed releases: The Engineers are Leaving, the Definition of Engineering Specializations, etc.; and the Committee is currently working on releasing the "How to Build a Green House" Manual.

◆ Recommendations:

As part of the Media and Public Relations Committee's efforts to develop the communication with the media available in the Kingdom of Bahrain with the BSE, it recommends the following:

- Participating in the international engineering competitions and the local social events; in order to spread the engineering culture.
- Working on setting a day in the year to honor the newspapers and the internal and external media; in order to thank them for their contributions in publishing and covering the BSE's events and news.
- Conducting field visits to various media to build fruitful bridges of communication.
- Establishing constructive communication bridges with the various professional societies; in order to contribute to the voluntary movement in Bahrain.
- Forming a media committee for each engineering conference, whose tasks vary according to the type and size of the conference; in order to reach the appropriate media coverage for the event.

Eng. Reem Ahmed Al-Otaibi
Director of Media and Public Relations



CHAPTERS AND AFFILIATES

The Board of Directors started working on activating the engineering divisions as stipulated in the BSE's Statute. The work of each division is managed by an administrative committee consisting of a chairman, a vice-chairman, a rapporteur and two administrative members, all elected by the Division's members by a secret ballot. Two engineering divisions were formed as shown below:

- ◆ Civil Engineering and Environment Chapter
 - Eng. Hassan Amer EL-Tamimi (Chairman)
 - Eng. Noor Mohamad Mukhaimar (Vice-Chairman)
 - Eng. Hani Al-Khayat
 - Eng. Mahmood AL-Mannai

- ◆ Electronic, Electrical and Computer Engineering Chapter
 - Eng. Mohammed AL-Asfoor (Chairman)
 - Eng. Hessa AL-Junaid (Vice-Chairman)
 - Eng. Ahmed AL-Wahoush
 - Eng. Ali AL-Qattan
 - Eng. Habib AL-Jaboori
 - Eng. Yousef AL-Momen

Eng. Jawad Jaffar AL-Jabal
Executive Secretary and Director of External Affairs



PROGRAMS AND PROJECTS

A. Newly Graduated Engineers Training and Employment Project “Tamheed”

The committee supervising the program consists of the following:

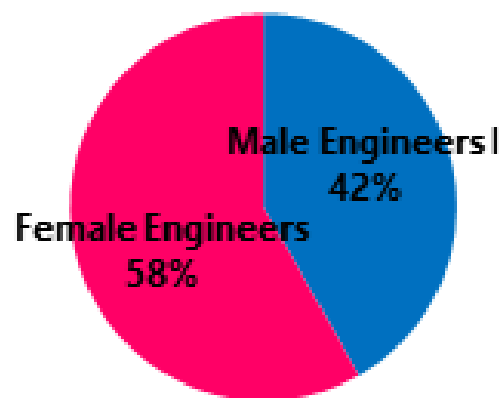
- Eng. Masoud Ibrahim AL-Hermi (Chairman)
- Dr. Dheya A. Aziz Tawfiqi
- Eng. Abdul Ellah AL-Qassimi
- Eng. Mohammed Ali AL-Khozaae
- Eng. Isa Ali Janahi
- Dr. Raida AL-Alawi
- Eng. Khalid AL-Muhannadi
- Eng. Ghada AL-Marzooq
- Dr. Salwa Baserrah
- Dr. Hameed Abdulla

At the beginning of 2019, the Committee finalized the Program’s workflow plan in terms of regulating the relationship between the authorities involved in the Project, namely the trainee engineer, the employer, the Tamkeen Company, the Ministry of Labor and Social Development; it also developed a training plan aimed at enhancing the skills of the trainee engineer, and then the training plan was approved by the Committee in March 2019. Afterwards, we moved to the Second Phase, which is the licensing of the Tamheed Project’s training program by the competent authorities; and thanks to God, the Program was licensed in April 2019 and uploaded to the Tamkeen Basic Certificates Website. After that we started the Third Phase, which included choosing the engineers after the Committee placed the necessary conditions for entering the program, and they are as follows:

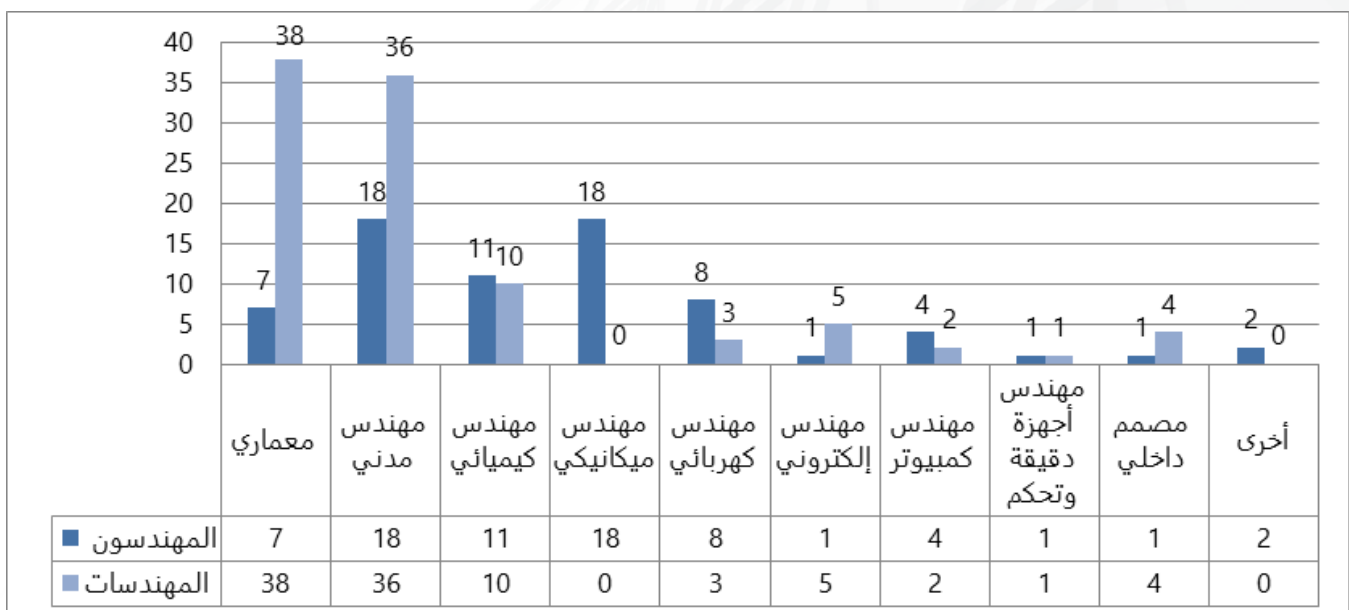
Graduate Engineer Enrollment Requirements:

- The applicant must hold a Bahraini nationality.
- The applicant must have a valid membership in the Bahrain Society of Engineers (BSE).
- The applicant must hold a Bachelor’s degree or its equivalent in Engineering or Architecture from a recognized university.
- The applicant must pass the interview and the tests, if any.
- The applicant must be registered as a jobseeker at the Ministry of Labor and Social Development.
- The applicant must accept the terms of contract with the Project’s stakeholders.

In light of this, a large number of interviews were conducted to start with the first group enrolling in the Tamheed Program; as 15 newly graduated engineers were selected to start the Program on the 23rd of June 2019, and then the groups kept coming until we reached the ninth group with a total of 170 trainee engineers, in which 109 engineers finished the training program, 40 engineers are still in training, and 21 engineers have not yet started it. The registration is still ongoing for the upcoming groups, and the following table shows the number of enrollees in the program according to the graduation year and the specializations.



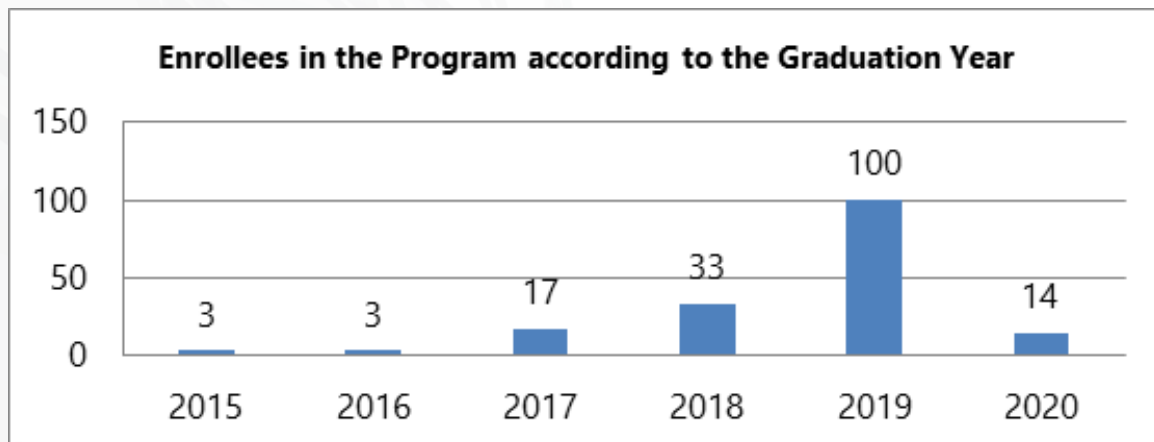
■ Male Engineers ■ Female Engineers





Engineers Enrolled in the Program by Gender

Specialization	Number	Male Engineers	Female Engineers
Architect	45	7	38
Civil Engineer	54	18	36
Chemical Engineer	21	11	10
Mechanical Engineer	18	18	0
Electrical Engineer	11	8	3
Electronics Engineer	6	1	5
Computer Engineer	6	4	2
Instrumentation and Control Engineer	2	1	1
Interior Designer	5	1	4
Others	2	2	0
Total	170	71	99



The training content has been designed to serve the Program's objectives and it has taken into consideration the design of a training program aimed at providing the newly-graduated engineers with the 21st century skills, in addition to the practical skills required in the labor market according to the international standards. The following figure demonstrates the 21st century target skills.

- Local and global citizenship
- Communication and teamwork
- Creativity and problem solving
- Entrepreneurship and initiatives
- Linguistic empowerment

- Leadership and decision-making
- Critical thinking
- Technological culture

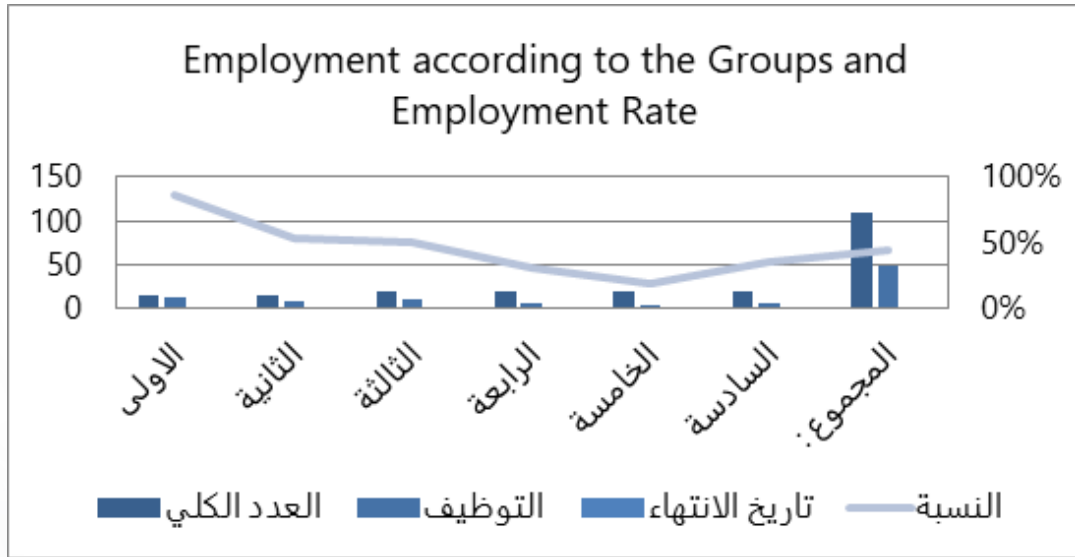
The Program relatively seeks to bridge the gap in the skills and knowledge needed by the labor market, and that is in light of the major transformations taking place in the world, which helped in restoring the knowledge and skills structures; as the employability skills, the self-learning skills (Learn How to Learn) and the higher-order thinking skills such as creative and critical thinking became of great importance in enabling the graduates to get a job and maintain it, along with achieving continuous development in the career ladder.

The Committee assigned one of the specialized institutions to develop a website for the Program; in order to manage the registration and follow up with the requests submitted by engineers to join the Program. The institutions wishing to apply for the Program can submit their requests; along with following up with the engineers after their employment through the website. The work was completed in June 2019; as the website was launched and the registration started on the web address www.tamheed.net. So far, 228 engineers along with 7 institutions have registered on the website.

As for the second part of the Committee's work, which is the employment, the Committee nominated engineers to various positions in the engineering field at a rate of 279 nominations to 23 institutions in different specializations; and it succeeded in employing 44% of the 109 engineers who completed the Tamheed training program; and so 48 engineers were able to secure jobs. The table below shows the number of people employed according to the groups:

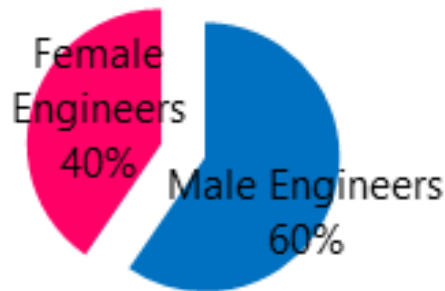
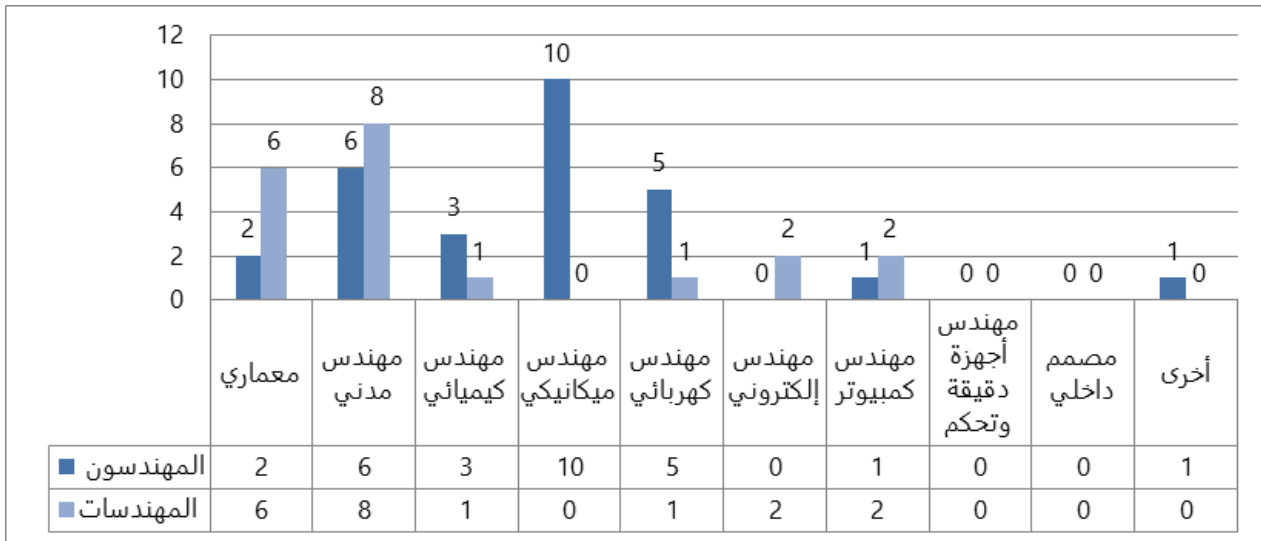
Employment Table according to the Groups and the Employment Rate

Group	Total Number	Employment	End Date	Percentage
First	15	13	August 2019	87%
Second	15	8	October 2019	53%
Third	20	10	November 2019	50%
Fourth	19	6	December 2019	32%
Fifth	20	4	February 2020	20%
Sixth	20	7	March 2020	35%
Total:	109	48	Overall Percentage:	44.04%



Employment Report according to Gender and Specialization

Specialization	Number	Male Engineers	Female Engineers
Architect	8	2	6
Civil Engineer	13	6	7
Chemical Engineer	4	3	1
Mechanical Engineer	10	10	0
Electrical Engineer	6	5	1
Electronics Engineer	2	0	2
Computer Engineer	3	1	2
Instrumentation and Control Engineer	0	0	0
Interior Designer	0	0	0
Others	1	1	0
Total	48	28	19



■ Male Engineers ■ Female Engineers

Furthermore, the Committee took deliberate steps to support the employment of the enrolled engineers through holding alliances with the Project's supporting parties, including the BSE's delegation visit to H.E. the Undersecretary of the Ministry of Labor and Social Development and a number of officials in the Ministry last November; as such meeting resulted in agreeing on the cooperation to employ the enrollees in the Tamheed Program; along with giving them the same support for the jobseekers in the comprehensive employment lists; in addition to agreeing on signing the memorandum of understanding and forming a joint coordinating committee. Furthermore, the Committee held meetings with the Council for Regulating the Practice of Engineering Professions (CRPEP), and we are in the process of cooperating with them to conduct induction programs for the Council and its laws, and its role in regulating the profession and in the employment field as well. Moreover, the Committee is establishing active contacts with the officials at the service and projects ministries; in order to urge the companies that received the government tenders in the engineering projects to cooperate with the BSE to recruit enrollees in the Tamheed Program.



B. BSE Centre of Excellence

The committee concerned with the project (formerly known as the Training Centre) continued to work in the design phase with the previously appointed consultant based on the reference to establish a distinct training center; so that it will become an icon in the design field from various respects; as it was decided to name the project "Center of Excellence for Engineers".

BSE Centre of Excellence Project Committee consists of the following:

- Dr. Dheya Tawfiqi (Chairman)
- Eng. Mohammed Al-Khozaee
- Eng. Abbas Al Watani
- Eng. Reem Khalfan
- Eng. Jameel Al-Alawi
- Eng. Noor Al-Mutawa
- Dr. Ahmed Al-Jowder

Furthermore, the Consultant finished preparing the final detailed designs, as well as putting the Project out to tender and obtaining the necessary bids for it.

The Consultant also submitted the request for a construction permit and is awaiting its issuance at the time of writing this report.

In view of the new developments of the coronavirus pandemic, the Board of Directors studied the situation related to the Project; as it considered postponing the Project due to the changes in the BSE's work and the revenue sources, and the difficulty of obtaining any financial support; as the project's implementation was based on 50% of the BSE's budget; provided that support for the rest of the budget will be obtained from the relevant companies, which cannot be achieved under these circumstances.

Moreover, the Project's contents may need to be reviewed as a result of the changes in the training's management and method; as this also requires waiting until the picture becomes clear.

C. IT Systems Development Project

As stated in last year's General Assembly, the Board of Directors awarded the tender for the IT Systems Development Project to the Cloud Company; as the agreement was signed on the Engineer's Day on the 15th of October 2018, which stated the Project's completion in July 2019.

It is worth mentioning that this Project contains a comprehensive update for the computers as well as the cloud computing programs, which include the following:

- The Human Resources Management Program.
- The Conference Management Program.
- The Training Management Program.
- The Membership Affairs Management Program.

- The Financial Resources Management Program.
- A Program for managing the Human Resources volunteering in the BSE's work.

However, the Project's implementation has been delayed for a number of reasons, including matters related to the Company we have contracted with and matters related to the new design of the BSE's logo and the new identity, as well as the design of the new website according to the new identity.

Since the main delay was related to the BSE's website, which was managed by another company, an agreement was concluded with the Cloud Company to complete the project in mid-June 2020.

D. BSE Interiors Project:

The Head Office Development Project Committee consists of the following:

- Dr. Dheya Tawfiqi (Chairman)
- Eng. Mohammed Al-Khozaae
- Eng. Ghada Al-Marzooq
- Dr. Hameed Abdulla

The Project includes the following:

- Development of the hall's interior design.
- Development of the ground floor.
- Addition of a lift.
- Reconstruction of toilets.
- Re-planning of the first floor and provision of new facilities for the training center; in addition to offices and meeting rooms according to the BSE's needs.

After the completion of the designs, the Project was put out to tender;
as the following offers were obtained:

No.	Contractor	Amount (in BD)
1	Kontra	384,684.500
2	Havelock	513,441.804
3	Poullaides	565,300.000
4	World Decor	583,134.000
5	Almoayyed Interiors	678,583.435



After analyzing the offers and negotiating with the contractor with the lowest price, the tender was awarded to the Contra Company with a value of BD 286,150/- to be completed in six months; provided that this will include the postponement of some ground floor work with the possibility of adding them later.

The work began on the 7th of December 2019, in order to complete the First Phase on the 5th of May 2020, and the coronavirus pandemic directly affected the Project's implementation, mainly due to the late arrival of supplies from abroad.

At the time of writing this report, the Project was due to be completed at the end of June; as the work would have been completed in the main hall as well as the training center and offices on the first floor; and so it has been decided to postpone work in the ground floor lobby until the circumstances allow it to be completed.

In addition, a lift has been requested from the Awal Modern Lifts Company for a value of BD 14,385.

Furthermore, the maintenance and reconstruction of the toilets at the Head Office was completed in two phases, all of which have been completed. In this regard, the Board of Directors can only thank the rational government for allocating the budget for this work; as well as thanking the work team in the Ministry of Works, Municipalities Affairs and Urban Planning, headed by H.E. Eng. Essam bin Abdullah Khalaf.

E. BSE Award

The Board of Directors of the BSE Award Committee was formed to manage this Program, which aims to encourage the members' creativity and innovation in various engineering fields; as the committee supervising the award held many meetings and a mini-committee emerged from it to speed up the Committee's work.

The Committee determined the proposed awards and their general requirements, and prepared a draft for the requirements of each type of this approved award; and a schedule has been adopted for the Committee's work.

The Committee consisted of the following:

- Eng. Emad Almoayed (Chairman)
- Dr. Dheya Tawfiqi
- Eng. Effat Reda
- Eng. Mohammed Al-Khozaae
- Eng. Yousef Amin
- Dr. Abdul Imam Al-Sammak
- Dr. Osama Al-Baharna
- Eng. Abdul Nabi Al-Sabah
- Eng. Shahraban Sharif
- Dr. Hameed Abdulla



The Committee issued a special handbook on the Award; in addition to creating its own website; as the Committee announced the Award at an inauguration ceremony on the 29th of April 2019, and a press conference was held for it.

The Committee decided to allocate two categories for the 2019 award, i.e. the Outstanding Engineer Award and the Best Graduation Project Award.

An Arbitration Committee was formed for each category of experienced members. The winners were announced at the Engineer's Day ceremony on the 15th of October 2019.

As for the Outstanding Engineer category, the Committee decided to postpone the announcement of the winner until the following year to allow more members to participate; while honoring the candidates who received the highest points, namely:

- Eng. Thamer Mohammed Salah Eddine
- Eng. Nour Al-Mutawa
- Eng. Shaker Ali

As for the Graduation Project category, the results were as follows:

The following projects won the top ranks in order:

- Architectural Museum
- HHO Generator as a Supplement with the Petrel Fuel of the Car Engine
- Using White Spot Approach for Mitigation Traffic Accidents in Bahrain

The committee supervising the Award continued its meetings to announce the second version; as the negatives and lessons learned from the first version have been studied.

It is worth noting that the second version will be announced in detail and contains the following categories:

◆ Graduation Project Category:

It will be divided to a number of engineering specializations.

◆ Outstanding Engineer Category: It will be divided into the following:

Young Engineer

Experienced Engineer

Outstanding Work

The results will be announced on the Bahraini Engineer's Day on the 15th of October 2020, with the possibility of postponing the Graduation Project Category, if the students' graduation is delayed or postponed due to the effects of the coronavirus pandemic.



F. Members Qualification and Development Program to work in the Committees and the Board of Directors – Taaheel

Since the BSE's inception in 1972, it has made a lot of achievements at the hands of its loyal members and their continuous and high-end efforts in working to serve the BSE generation after generation, according to the numbers that graduated and joined the BSE.

Although the membership is not mandatory, the BSE still has a good number of male and female engineers from various specializations.

In order to encourage young engineers to be involved in the BSE's work, a program must be provided to introduce them to the BSE's work and activities, and how to engage therein and find their motivating factors by establishing a clear mechanism explaining the BSE's work for the youth.

Although work is continuing on full swing by these loyal members, the time has come to prepare the youth to work at the BSE.

Due to the complexity of the BSE's business and the changing nature of its work, it has become more complex in various fields, such as the Conferences, the Training Center, the Members' Affairs, the Newly Graduated Engineers Training and Employment Program, etc.; therefore, it is necessary to train the members to work in these fields, and break the barrier that exists between the young engineers and the BSE.

Program's Objectives:

- Establish a program to educate and familiarize the young members with the BSE's various work.
- Develop a generation of young members to participate in the committees and the Board of Directors.
- Encourage the BSE's members to engage in the BSE's activities and committees.
- Make the members benefit from the BSE.

Program Mechanism:

A program is prepared in the form of training workshops; so that an integrated curriculum will be prepared covering all the knowledge needs of the BSE's work that will be studied in the evening period in an interesting manner away from the monotonous and rigid subjects; since entertaining and interesting subjects will be added during the Program.

The Course's Program:

The Training Course Program includes the following:

- An introduction to the BSE's history since its inception.
- An explanation of the Internal Regulation's Statute.
- An explanation for the working and consultative committees.
- An explanation about the membership of Arab and global authorities.



The BSE started with the first batch of this Program in the presence of 17 male and female engineers; and it has also organized the second batch on the 22nd – 23rd of October 2019. Given the Program's success, it is recommended for this Program to be repeated at a rate of two batches per year.

G. HRH Princess Sabeeka Bint Ibrahim Al Khalifa Award for Bahraini Women Empowerment

The BSE submitted its nomination to the Supreme Council of Women to participate in the HRH Princess Sabeeka Bint Ibrahim Al Khalifa Award for Bahraini Women Empowerment; as a specialized committee was formed to work on preparing the required file.

The Committee consisted of the following:

- Eng. Reem Al-Otaibi
- Eng. Huda Sultan
- Mr. Jaffar Alsameikh
- Dr. Hameed Abdulla

This Award was announced on Wednesday, the 5th of February 2020; as the BSE got second place.

H. Jobseekers Platform

The Board of Directors approved a new program to provide job opportunities for the engineers seeking employment.

The idea of this Program focuses on creating an information platform that contains engineering vacancies located in various institutions in the public and private sector; as the BSE will only provide this service to its members; so that jobseekers can view and apply for the available vacancies.

Accordingly, the BSE will provide a new service to its members to be added to the list of other services.

Program Mechanism:

- A. Communicate with different institutions to learn about this Program.
- B. Create an information platform through the BSE's IT Program for this Program; in addition to developing a specific application for it.
- C. The institutions wishing to offer vacancies will contact the BSE to advertise jobs.
- D. Any member that wishes to inquire or apply for any job can apply for it directly.

The Board of Directors was unable to implement this Project due to the large number of concerns and programs, as well as the circumstances of the coronavirus pandemic.



FINANCIAL AFFAIRS 2019

Introduction:

The BSE was enrolled in the National Revenue Council's VAT Register on 01/07/2019 with the VAT Registration No. 220000468700002, and a 5% VAT fee was applied to all types of revenue generated as a result of membership, conferences, seminars, training workshops etc.

1. Conferences and Training Courses :

In 2019, the BSE conducted held several conferences, seminars, and training workshops, in addition to the Newly Graduated Engineers Training and Employment Project "Tamheed"; whereas the revenue that was raised from these conferences amounted to BD 205,804, while the training courses revenue amounted to BD 180,865.

The expenses incurred as a result of these conferences and training workshops amounted to BD 169,490/- and BD 99,266/- respectively.

The conferences generated excess revenue of BD 36,314/- in the year 2019. As for the training workshops, they achieved BD 81,599/-.

The accumulated revenue as result of both amounts reached BD 117,913/- during the current fiscal year 2019.

2. Membership:

The annual subscription fees collected from the members in 2019 amounted to BD 45,144/-, compared to BD 36,385/- in 2018. Within the membership subscription fee, the revenue collected in 2019 was BD 23,547/-, and the balance value was not paid by the members and it was transferred to the membership accounts receivables provision.

3. Grants and Community Expenses

The grants fees paid during the current fiscal year to the eligible Engineering college students amounted BD 7,022/-, compared to BD 9,047/- last year.

Moreover, Mohammed Jalal & Sons Company (MJS) pledged to provide a sponsorship amount of BD 2,000 per year for the for the Engineering students' scholarship.

4. BSE's Rental of Hall and Lounge:

The BSE's rental income of the hall and seminar room has declined; due to the reduced activities during the year. The revenue collected during the current fiscal year amounted BD 4,364/-, compared to what was achieved in 2018, which amounted to BD 8,881/-.

5. Assets:

The fixed assets amount reached BD 1,739,002 in 2019; whereas it was BD 1,734,284 in 2018.

The total current assets, which consist of the cash and bank balances and accounts receivables,



amounted to BD 2,656,499 in 2019, compared to BD 2,914,315 in 2018; thereby reducing the balance by BD 257,816/-.

This decline is due to financing of the Head Office's interior work and other ongoing projects such as the BSE's Center of Excellence.

The total assets in 2019 amounted to BD 4,507,917, whereas it was BD 4,700,599 in 2018.

6. Fixed Deposits:

The total amount kept as fixed deposit at banks amounted to BD 2,249,121 with an average interest rate of 2.65%, and the base rate ranged from 1.75% to 2.65% on fixed deposits and term deposits; as the interest rate on an annual term deposit was 4.8%.

During the current fiscal year, we were able to secure an interest amount of BD 71,749/- from the fixed deposits.

7. Head Office Building:

In 2019, the building's maintenance expenses amounted to BD 5,302, whereas it was BD 5,351 in 2018.

8. Al Mohandis Magazine:

In 2019, we released 2 issues of the Al Mohandis Magazine, amounting to BD 2,764/-. In addition, we released a monthly newsletter entitled "Al Mohandis Times", which included all the events and activities carried out by the BSE on a monthly basis. Furthermore, we send these magazines free of charge in PDF format to all members registered in the BSE group on WhatsApp.

9. Accounts Receivable:

In 2019, the accounts receivable achieved BD 404,422/-, compared to BD 512,865/- in 2018. This decline is due to the type of the small and medium conferences held during the year. Moreover, this amount is expected to be paid during the first quarter of 2020.

10. Financial Manual:

Based on the decision of the last Ordinary General Assembly meeting, a Financial Committee was formed to examine and review the Financial Manual in light of the Board's suggestions.

At the General Assembly, the Committee was formed of the followings members:

- Dr. Osama Al-Baharna
- Eng. Fouad Al-Shaikh
- Eng. Majed Sharaf
- Eng. Hameed Ali Abdullah
- Eng. Badr Al-Mansoori



- Eng. Hussein Bader Al-Asadi
- Eng. Saleh Tarradah

The Committee conducted several meetings and discussions in the period from the 23rd of April 2019 to the 15th of July 2019; as some were clauses were amended to be reviewed and approved by the Board of Directors.

11. Financial Gap Analysis:

BSE appointed the KPMG Company to study the current financial management system; in order to analyze the gaps and conduct a high-level assessment for the financial management at the level of all the BSE's activities.

A report on all the BSE's activities and recommendations were submitted to the Board; in order to provide its opinion and increase the profit margin. This report is still awaiting finalization and implementation.

12. Financial Summary:

The revenue collected during the current fiscal year 2019 amounted to BD 16,055/-, compared to BD 32,259/- in 2018. An amount of 10% from the total revenue was allocated for the members' remuneration, amounting to BD 1,784/-.

13. VAT Application:

The BSE was enrolled in the National Revenue Council's VAT Register on 01/07/2019 with the VAT Registration No. 220000468700002, and a 5% VAT fee was applied to all types of revenue generated as a result of membership, conferences, seminars, training workshops etc. The total tax amount paid since we applied the added value was BD 6,596,165.

14. Recommendations:

Based on the lowest received quotation, the Board of Directors recommends the appointment of a new audit firm under the management of the Talal Abu-Ghazaleh Company and the TAG-Audit Companies; in order to audit the BSE accounts for the period from January to December 2020.



Bahrain Society of Engineers

Financial statements for the
year ended 31 December 2019



Bahrain Society of Engineers
Financial statements for the year 31 December 2019

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Bahrain Society of Engineers
Administration and contact details as at 31 December 2019

Registration number	76/J/M obtained on 15 March 1992	
Board of Directors	<p>Dr. Dheya A. Aziz Tawfiqi Eng. Mohammed Ali Al Khozaae Eng. Jawad Jaffar Al Jabal</p> <p>Eng. Fouad Ahmed Al Shaikh Eng. Ayman Mohammed Nasser</p> <p>Eng. Sayed Jameel Khalaf Al Alawi Dr. Raida Al Alawi Eng. Reem Ahmed Al Otaibi Eng. Reem Ebrahim Khalfan</p>	<ul style="list-style-type: none">- President- Vice President- Executive Secretary and Director of External Affairs- Treasurer- Director of Membership and Professional Affairs- Director of Conferences- Director of Training- Director of Public Relations- Director of General Activities
Registered office	<p>Building No. 230 Al Shebab Avenue Block No. 341, Juffair PO Box 835 Manama Kingdom of Bahrain</p>	
Bankers	<p>National Bank of Bahrain Ithmaar Bank</p>	
Auditors	<p>BDO 17th Floor Diplomat Commercial Offices Tower PO Box 787 Manama Kingdom of Bahrain</p>	



Bahrain Society of Engineers

Report on the audit of the financial statements

Qualified opinion

We have audited the financial statements of Bahrain Society of Engineers (“the Society”), which comprise the statement of financial position as at 31 December 2019, the statement of income and expenditure, the statement of changes in members’ fund and the statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies. In our opinion, except for the effect of the matter described in the *basis for qualified opinion* section of the report, the accompanying financial statements present fairly, in all material respects, the financial position of the Society as at 31 December 2019, and its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRS).

Basis for qualified opinion

The Society has not adopted nor performed an impact assessment with respect to the implementation of IFRS 9 “Financial instruments” and IFRS 15 - “Revenue from contracts with customers”, though these accounting standards are mandatory for the accounting periods beginning on or after 1 January 2018. In the absence of impact assessment relating to these standards, we are unable to quantify the impact on these financial statements for the year ended 31 December 2019 including the relevant disclosures and revision to the accounting policies as required on adoption of these accounting standards.

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 are independent of the Society in accordance with the ethical requirements that are relevant to our audit of the financial statements in accordance with the Code of Ethics for Professional Accountants (“IESBA Code”) issued by International Ethics Standards Board for Accountants, and we have fulfilled our other ethical responsibilities in accordance with its requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our qualified audit opinion.

Responsibilities of management and Those Charged With Governance (“TCWG”) for the financial statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with International Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Society’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 management either intends to liquidate the Society or to cease operations, or have no realistic alternative but to do so.

Those Charged With Governance are responsible for overseeing the Society’s financial reporting process.

Independent auditor's report to the Board of Directors of Bahrain Society of Engineers (continued)

Report on the audit of the financial statements (continued)

Auditor's responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, 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 the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

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

- Identify and assess the risks of material misstatement 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 misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control 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 Society's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management'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 Society's 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 conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Society to cease to continue as a going concern.
- 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.

We communicate with the management and 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.

Manama, Kingdom of Bahrain
27 February 2020



Bahrain Society of Engineers
Statement of financial position as at 31 December 2019
(Expressed in Bahrain Dinars)

	Notes	31 December 2019	31 December 2018
ASSETS			
Non-current assets			
Property, plant and equipment	5	1,739,002	1,734,284
Capital work-in-progress	6	<u>112,416</u>	<u>52,000</u>
		<u>1,851,418</u>	<u>1,786,284</u>
Current assets			
Inventories	7	2,956	1,853
Accounts and other receivables	8	404,422	512,865
Short-term fixed deposits	9	1,380,408	889,186
Cash and cash equivalents	10	<u>868,713</u>	<u>1,510,411</u>
		<u>2,656,499</u>	<u>2,914,315</u>
Total assets		<u>4,507,917</u>	<u>4,700,599</u>
MEMBERS' FUND AND LIABILITIES			
Members' fund and reserves			
General fund	11 (a)	2,510,058	2,494,325
Financial assistance and support fund	11 (b)	30,425	30,264
Members' fund	11 (c)	32,265	32,104
Revaluation reserve	11 (d)	<u>1,661,552</u>	<u>1,661,552</u>
		<u>4,234,300</u>	<u>4,218,245</u>
Non-current liabilities			
Non-current portion of deferred income	12	13,650	18,340
Employees' terminal benefits	13	<u>17,649</u>	<u>14,250</u>
		<u>31,299</u>	<u>32,590</u>
Current liabilities			
Current portion of deferred income	12	4,690	5,250
Other payables	14	<u>237,628</u>	<u>444,514</u>
		<u>242,318</u>	<u>449,764</u>
Total members' fund and liabilities		<u>4,507,917</u>	<u>4,700,599</u>

These financial statements, were approved and authorised for issue and signed by the Board of Directors.

Dr. Dheya A. Aziz Tawfiqi
President



Eng. Fouad Ahmed Al Shaikh
Treasurer

Bahrain Society of Engineers
Statement of income and expenditure for the year ended 31 December 2019
(Expressed in Bahrain Dinars)

	Notes	Year ended 31 December 2018	Year ended 31 December 2018
Revenue	15	440,691	1,069,305
Cost of operations	16	<u>(275,187)</u>	<u>(855,031)</u>
Surplus from operations		165,504	214,274
Other income	17	<u>88,414</u>	<u>48,420</u>
		<u>253,918</u>	<u>262,694</u>
Expenses			
Staff costs		(108,822)	(87,788)
General and administrative expenses	18	<u>(104,431)</u>	<u>(118,782)</u>
		<u>(213,253)</u>	<u>(206,570)</u>
Excess of income over expenditure for the year before provision for impaired accounts receivables		40,665	56,124
Provision for impaired accounts receivables	8	<u>(24,610)</u>	<u>(23,865)</u>
Excess of income over expenditure for the year		<u>16,055</u>	<u>32,259</u>

These financial statements, were approved and authorised for issue and signed by the Board of Directors.



Dr. Dheya A. Aziz Tawfiq
President




Eng. Fouad Ahmed Al Shaikh
Treasurer



Bahrain Society of Engineers
Statement of changes in members' fund for the year ended 31 December 2019
(Expressed in Bahrain Dinars)

	General fund	Financial assistance and support fund	Members' fund	Revaluation reserve	Total
At 31 December 2017	2,462,712	29,941	31,781	1,661,552	4,185,986
Excess of income over expenditure for the year	32,259	-	-	-	32,259
Transferred for the year (Note 11)	<u>(646)</u>	<u>323</u>	<u>323</u>	<u>-</u>	<u>-</u>
At 31 December 2018	2,494,325	30,264	32,104	1,661,552	4,218,245
Excess of income over expenditure for the year	16,055	-	-	-	16,055
Transferred for the year (Note 11)	<u>(322)</u>	<u>161</u>	<u>161</u>	<u>-</u>	<u>-</u>
At 31 December 2019	<u>2,510,058</u>	<u>30,425</u>	<u>32,265</u>	<u>1,661,552</u>	<u>4,234,300</u>

Bahrain Society of Engineers
Statement of cash flows for the year ended 31 December 2019
(Expressed in Bahrain Dinars)

	Notes	Year ended 31 December 2019	Year ended 31 December 2018
Operating activities			
Excess of income over expenditure for the year		16,055	32,259
Adjustments for:			
Depreciation	5	15,861	13,308
Write-off of accounts receivables	18	4,500	13,662
Provision for impaired accounts receivables	8	24,610	23,865
Interest income	17	(71,749)	(48,420)
Changes in operating assets and liabilities:			
Inventories		(1,103)	2,478
Accounts and other receivables		79,333	(405,699)
Other payables		(206,886)	331,404
Net movement in deferred income		(5,250)	(4,130)
Employees terminal benefits, net		3,399	914
Net cash used in operating activities		<u>(141,230)</u>	<u>(40,359)</u>
Investing activities			
Purchase of property, plant and equipment	5	(20,579)	(6,457)
Expenditure incurred on capital work-in-progress	6	(60,416)	(14,200)
Interest income received	17	71,749	48,420
Net movement in short-term fixed deposits		<u>(491,222)</u>	<u>988,744</u>
Net cash (used in)/provided by investing activities		<u>(500,468)</u>	<u>1,016,507</u>
Net (decrease)/increase in cash and cash equivalents		(641,698)	976,148
Cash and cash equivalents, beginning of the year		<u>1,510,411</u>	<u>534,263</u>
Cash and cash equivalents, end of the year	10	<u>868,713</u>	<u>1,510,411</u>



Bahrain Society of Engineers
Notes to the financial statements for the year ended 31 December 2019
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1 Organisation and activities

Bahrain Society of Engineers ("the Society") was established 1972, it has been re-registered on 15 March 1992 by virtue of Registration Number 76/J/M in pursuance of the Law of Social and Cultural Societies and Clubs, Associations carrying on Youth and Sports Activities and Private Organisations, promulgated by legislative Decree Number 21 of 1989 and its implementing regulations.

The principal activities of the Society is to contribute to the industrial development activities in the Kingdom of Bahrain in co-operation with the competent authorities, plan the basics for engineering profession and enhance its standards in co-operation with the Ministry of Labour and Social Development and other concerned Ministries, establish and promote relations through scientific and technological co-operation between engineers in Bahrain and their colleagues in the Arab as well as non-Arab countries.

The registered office of the Society is in the Kingdom of Bahrain.

These financial statements, set out on pages 5 to 26, were approved and authorised for issue and signed by the Board of Directors on 27 February 2020.

2 Basis of preparation

Statement of compliance

The financial statements have been prepared in accordance with the International Financial Reporting Standards ("IFRS") as promulgated by the International Accounting Standards Board ("IASB") and interpretations issued by the International Financial Reporting Interpretations Committee ("IFRIC").

Basis of presentation and functional currency

The financial statements have been prepared using the going concern assumption and under the historical cost convention except for the re-measurement of freehold land which is stated at its revalued amount. The financial statements have been presented in Bahrain Dinars which is the functional currency of the Society.

The preparation of financial statements in conformity with IFRS requires the use of certain critical accounting estimates. It also requires management to exercise its judgment in the process of applying the Society's accounting policies.

Improvements/amendments to IFRS/IAS

Improvements/amendments to IFRS/IAS contained numerous amendments to IFRS/IAS that the IASB considers non-urgent but necessary. 'Improvements to IFRS' comprise amendments that result in accounting changes to presentation, recognition or measurement purposes, as well as terminology or editorial amendments related to a variety of individual IFRS standards. The amendments are effective for the Society's future accounting period with earlier adoption.

Standards, amendments and interpretations issued and effective but not relevant/adopted in 2019

The following new standards, amendments and interpretations issued by the IASB are effective for the first time for periods beginning on or after 1 January 2019 but have not been adopted as these are not considered to be relevant to the Company's operation;

Bahrain Society of Engineers
Notes to the financial statements for the year ended 31 December 2019
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2 Basis of preparation (continued)

Standards, amendments and interpretations issued and effective but not relevant/adopted in 2019 (continued)

Standard or interpretation	Title	Effective for annual periods beginning on or after
IAS 12	Income taxes	1 January 2019
IAS 19	Employee benefits	1 January 2019
IAS 23	Borrowing costs	1 January 2019
IAS 28	Investments in Associates and Joint Ventures	1 January 2019
IFRS 9	Financial instruments	1 January 2019
IFRS 3	Business combinations	1 January 2019
IFRS 11	Joint arrangements	1 January 2019
IFRS 16	Leases	1 January 2019
IFRIC 23	Uncertainty over income tax treatments	1 January 2019

IFRS 16 - Leases

IFRS 16 replaces IAS 17 - "Leases" and IFRIC 4 - "Determining whether an Arrangement contains a Lease". IFRS 16 provides a single lessee accounting model, requiring the recognition of assets and liabilities for all leases, together with options to exclude leases where the lease term is 12 months or less, or where the underlying asset is of low value. IFRS 16 substantially carries forward the lessor accounting in IAS 17, with the distinction between operating leases and finance leases being retained. The Company does not have significant leasing activities acting as a lessor.

The adoption of IFRS 16 did not have any significant impact on the Society's financial position and results of operations for the year ended 31 December 2019 nor on the opening balance of retained earnings considering the low value or short-term period of the lease.

Standards, amendments and interpretations issued but not yet effective in 2019

The following new/amended accounting standards and interpretations have been issued, but are not mandatory for financial year ended 31 December 2019. They have not been adopted in preparing the financial statements for the year ended 31 December 2019 and will or may have an effect on the entity's future financial statements. In all cases, the entity intends to apply these standards from application date as indicated in the table below:

Standard or Interpretation	Title	Effective for annual periods beginning on or after
IAS 1	Presentation of financial statements	1 January 2020
IAS 8	Accounting policies, changes in accounting estimates and errors	1 January 2020
IFRS 3	Business combinations	1 January 2020
IFRS 7	Financial instruments: Disclosures	1 January 2020
IFRS 9	Financial instruments	1 January 2020
IFRS 17	Insurance contracts	1 January 2021

There would have been no change in the operational results of the Society for the year ended 31 December 2019 had the Society early adopted any of the above standards applicable to the Society.

Early adoption of amendments or standards in 2019

The Society did not early-adopt any new or amended standards in 2019.



3 Significant accounting policies

A summary of the significant accounting policies adopted in the preparation of these financial statements is set out below. These policies have been consistently applied to all the years presented, unless stated otherwise.

Property, plant and equipment

Property, plant and equipment are stated at historical cost less accumulated depreciation and impairment losses. Cost includes all costs directly attributable to bringing the asset to working condition for its intended use.

Depreciation is calculated on a straight-line basis to write-off the cost of property, plant and equipment to their estimated residual values over their expected useful lives as follows:

Building	20 years
Boundary wall	10 years
Central air-conditioning unit	10 years
Furniture and fixtures	8 years
Office equipment	4 years

Freehold land is not depreciated as it is deemed to have an infinite useful life.

Gains and losses on disposal of property, plant and equipment are determined by reference to their carrying amount and are taken into account in determining net profit.

Repairs and renewals are charged to the statement of income and expenditure when the expenditure is incurred.

The carrying values of the property, plant and equipment are reviewed for impairment when events or changes in circumstances indicate the carrying values may not be recoverable. If any such indication exists, and where the carrying values exceed the estimated recoverable amounts, the property, plant and equipment are written-down to their recoverable amounts.

Freehold land is revalued, based on the market value appraisal made by the independent property valuers at an interval of every 5 years. When an asset is revalued, any increase in the carrying amount arising on revaluation is accumulated in the revaluation reserve, unless it represents the reversal of a revaluation decrease of the same asset previously recognised as an expense, in which case, it is recognised as income. A decrease arising as a result of revaluation is recognised as an expense, to the extent that it exceeds any amount previously credited to revaluation surplus relating to the same asset. When a revalued asset is disposed-off, any revaluation surplus is transferred directly to general funds.

Capital work-in-progress

Capital work-in-progress represents expenditure incurred in setting-up new facilities which are capitalised and depreciated when they are put to intended use. Depreciation on capital work-in-progress is not charged until such time as these assets are completed and transferred to the respective categories of property, plant and equipment.

Inventories

Inventories are stated at the lower of cost and net realisable value. Cost, which is determined on the weighted average basis, comprises expenditure incurred in the normal course of business in bringing inventories to their present location and condition. Net realisable value is the estimate of the selling price in the ordinary course of business, less selling expenses. Where necessary, provision is made for obsolete, slow-moving and defective inventories.

3 Significant accounting policies (continued)

Financial assets

The Society classifies its financial assets in to amortized cost category, depending on the purpose for which assets was acquired. The Society's accounting policy for each category of financial asset is as follows:

Amortised cost

These assets arise principally from the provision of services to customers (eg trade receivables), but also incorporate other types of financial assets where the objective is to hold these assets in order to collect contractual cash flows and the contractual cash flows are solely payments of principal and interest. They are initially recognised at fair value plus transaction costs that are directly attributable to their acquisition or issue, and are subsequently carried at amortised cost using the effective interest rate method, less provision for impairment.

The Society's financial assets measured at amortised cost comprise trade and other receivables (excluding prepayments) and bank balance in the statement of financial position.

Impairment provisions for current and non-current trade receivables, if any, are recognised based on the simplified approach within IFRS 9 using a provision matrix in the determination of the lifetime expected credit losses. During this process the probability of the non-payment of the trade receivables is assessed. This probability is then multiplied by the amount of the expected loss arising from default to determine the lifetime expected credit loss for the trade receivables. For trade receivables, which are reported net, such provisions are recorded in a separate provision account with the loss being recognised within general and administrative expenses in the statement of profit or loss and other comprehensive income. On confirmation that the trade receivable will not be collectable, the gross carrying value of the asset is written off against the associated provision.

Impairment provisions for receivables from related parties and loans to related parties are recognised based on a forward looking expected credit loss model. The methodology used to determine the amount of the provision is based on whether there has been a significant increase in credit risk since initial recognition of the financial asset. For those where the credit risk has not increased significantly since initial recognition of the financial asset, twelve month expected credit losses along with gross interest income are recognised. For those for which credit risk has increased significantly, lifetime expected credit losses along with the gross interest income are recognised. For those that are determined to be credit impaired, lifetime expected credit losses along with interest income on a net basis are recognised.

From time to time, the Society elects to renegotiate the terms of trade receivables due from customers with which it has previously had a good trading history. Such renegotiations will lead to changes in the timing of payments rather than changes to the amounts owed and, in consequence, the new expected cash flows are discounted at the original effective interest rate and any resulting difference to the carrying value is recognised in the statement of Profit or loss and other comprehensive income (operating profit).

For the purpose of the statement of cash flows, cash and cash equivalent comprises of cash on hand and current account balances with banks.



Bahrain Society of Engineers
Notes to the financial statements for the year ended 31 December 2019
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3 Significant accounting policies (continued)

Financial assets (continued)

Short-term fixed deposits

Short-term deposits represent the monies placed with financial institutions over a period not exceeding twelve months. They are initially measured at amortised cost and profits are recognised on accrual basis.

Financial liabilities

The financial liabilities of the Society consist of other payables (excluding employee benefits). These financial liabilities are initially recognised at fair value and are subsequently remeasured at amortised cost using the effective interest method.

Other payables (excluding employee benefits)

Other payables (excluding employee benefits) are recognised for amounts to be paid in the future for goods or services received, whether billed by the supplier or not.

Provisions

The Society recognises provisions when it has a present legal or constructive obligation to transfer economic benefits as a result of past events and a reasonable estimate of the obligation can be made.

Employees' terminal benefits

Short-term benefits

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed as the related service is provided. A provision is recognised for the amount expected to be paid under short-term cash bonus or profit-sharing plans if the Society has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

Post-employment benefits

Employee benefits and entitlements to annual leave, holiday, air passage and other short-term benefits are recognised as they accrue to the employees. The Society contributes to the pension scheme for Bahraini nationals administered by the Social Insurance Organisation in the Kingdom of Bahrain. This is a defined contribution pension plan and the Society's contributions are charged to the statement of income and expenditure in the year to which they relate. In respect of this plan, the Society has a legal obligation to pay the contributions as they fall due and no obligation exists to pay the future benefits.

The expatriate employees of the Society are paid leaving indemnity in accordance with the provisions of the Bahrain Labour Law. The Society accrues for its liability in this respect on an annual basis.



3 Significant accounting policies (continued)

Deferred income

Deferred income represents the life membership fees received from the members. Deferred income are recognised in the statement of income and expenditure on a systematic basis over a period of 10 years.

Operating leases

Leases where a significant portion of the risks and rewards of ownership are retained by the lessor are classified as operating leases. Payments made under operating leases (net of any incentives received from the lessor) are charged to the statement of income and expenditure on a straight-line basis over the period of the lease.

Revenue recognition

Performance obligation and timing of revenue recognition

Revenue from providing services is recognised in the accounting period in which the services are rendered. For fixed-price contracts, revenue is recognised based on the actual service provided to the end of the reporting period as a proportion of the total services to be provided, because the customer receives and uses the benefits simultaneously.

Revenue from subscription consists of fees collected from members for Society's membership.

Tamheed project income refers to the fixed re-imburement received from Tamkeen on meeting certain pre-defined criterias and are recognized on an accrual basis.

Income from conferences and seminars, workshops and training courses are recognised on an accrual basis.

Rental income is recognised on an accrual basis.

Determining the transaction price

In case of fixed-price contracts, the member pays the fixed amount based on a payment schedule. If the services rendered by exceed the payment, a contract asset is recognised. If the payments exceed the services rendered, a contract liability is recognised.

Allocating amounts to performance obligations

The Society's revenue is derived from fixed price contracts and therefore the amount of revenue to be earned from each contract is determined by reference to those fixed prices.

Other income

Other income is accounted for on the accruals basis, unless collectability is in doubt.

Foreign currency transactions

Foreign currency transactions are accounted for at the exchange rates prevailing at the dates of the transactions. Gains and losses resulting from the settlement of such transactions and from the translation, at the year-end rates, of monetary assets and liabilities denominated in foreign currencies, are recognised in the statement of income and expenditure.



4 Critical accounting judgments and key sources of estimation uncertainty

The preparation of financial statements in accordance with IFRS requires the Society's management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenue and expenses during the reporting period. The determination of estimates requires judgments which are based on historical experience, current and expected economic conditions, and all other available information. Actual results could differ from those estimates.

The most significant areas requiring the use of management estimates and assumptions in these financial statements relate to:

- economic useful lives of property, plant and equipment;
- fair value measurement;
- provisions;
- revenue recognition;
- going concern; and
- contingencies.

Economic useful lives of property, plant and equipment

The Society's property, plant and equipment are depreciated on a straight-line basis over their economic useful lives. Economic useful lives of property, plant and equipment are reviewed by management periodically. The review is based on the current condition of the assets and the estimated period during which they will continue to bring economic benefit to the Society.

Fair value measurement

A number of assets and liabilities included in the financial statements require measurement at, and/or disclosure of, fair value.

The fair value measurement of the Society's financial and non-financial assets and liabilities utilises market observable inputs and data as far as possible. Inputs used in determining fair value measurements are categorised into different levels based on how observable the inputs used in the valuation technique utilised are (the 'fair value hierarchy');

- Level 1: Quoted prices in active markets for identical items (unadjusted);
- Level 2: Observable direct or indirect inputs other than Level 1 inputs; and
- Level 3: Unobservable inputs (i.e. not derived from market data).

The classification of an item into the above levels is based on the lowest level of the inputs used that has a significant effect on the fair value measurement of the item and transfers of items between levels are recognised in the period they occur.

The financial assets and liabilities of the Company are initially recorded at fair value and subsequently re-measured at amortised cost while those which require fair value re-measurement are disclosed in Note 21.

4 Critical accounting judgments and key sources of estimation uncertainty (continued)

Impairment of assets

The Society creates provision for impaired accounts receivables to account for estimated losses resulting from the inability of customers to make the required payments. At 31 December 2019, in the opinion of the Society's management, a provision of BD24,610 is required for impaired accounts receivables (2018: BD23,865). When evaluating the adequacy of an allowance for impaired accounts receivables, management bases its estimate on current overall economic conditions, ageing of the accounts receivable balances, historical write-off experience, customer creditworthiness and changes in payment terms. Changes in the economy, industry or specific customer conditions may require adjustments to the allowance for impaired accounts receivables recorded in the financial statements.

The Society also creates provision for obsolete and slow-moving inventories. At 31 December 2019, in the opinion of the Society's management, no provision is required for obsolete and slow-moving inventories. Estimates of net realisable value of inventories are based on the most reliable evidence available at the time the estimates are made. These estimates take into consideration fluctuations of price or cost directly relating to events occurring subsequent to the statement of financial position date to the extent that such events confirm conditions existing at the end of the period.

Revenue recognition

The Society exercises judgment in determining whether a revenue transaction is recognised at a point in time or over time taking into consideration all of the relevant facts and circumstances when applying each step of the model to contracts with their customers.

Going concern

The management of the Society review the financial position on a periodical basis and assesses the requirement of any additional funding to meet the working capital requirements and estimated funds required to meet the liabilities as and when they become due. In addition, the members of the Society ensure that they provide adequate financial support to fund the requirements of the Society to ensure the going concern status of the Society.

Contingencies

By their nature, contingencies will only be resolved when one or more future events occur or fail to occur. The assessment of such contingencies inherently involves the exercise of significant judgment and estimates of the outcome of future events.



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5 Property, plant and equipment

	Freehold land	Buildings	Boundary wall	Central air-conditioning unit	Furniture and fixtures	Office equipment	Total
<i>Cost/Revaluation</i>							
At 31 December 2017	1,661,552	460,534	6,705	39,818	80,024	118,040	2,366,673
Additions during the year	-	-	-	301	945	5,211	6,457
At 31 December 2018	1,661,552	460,534	6,705	40,119	80,969	123,251	2,373,130
Additions during the year	-	-	-	-	13,812	6,767	20,579
At 31 December 2019	1,661,552	460,534	6,705	40,119	94,781	130,018	2,393,709
<i>Accumulated depreciation</i>							
At 31 December 2017	-	426,755	3,359	26,208	58,124	111,092	625,538
Charge for the year (Note 18)	-	2,123	672	3,998	3,660	7,855	13,308
At 31 December 2018	-	428,878	4,031	30,206	61,784	113,947	638,846
Charge for the year (Note 18)	-	2,124	671	4,012	5,126	3,928	15,861
At 31 December 2019	-	431,002	4,702	34,218	66,910	117,875	654,707
<i>Net book amount</i>							
At 31 December 2019	1,661,552	29,532	2,003	5,901	27,871	12,143	1,739,002
At 31 December 2018	1,661,552	31,656	2,674	9,913	19,185	9,304	1,734,284

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5 Property, plant and equipment (continued)

Freehold land located in Juffair, bearing title deed No. 1372/1973 and registration no. 2594/1973 was donated to the Society by H.H. The Late Amir, Shakih Isa Bin Salman Al Khalifa, which has been revaluated at its market values by Nasser Real Estate Agency, an independent professional property valuer on 15 January 2014. The revaluation surplus amounting to BD1,661,552 (including the carrying values as at 31 December 2012 amounting to BD511,236) has been credited to a revaluation reserve under General Fund which will be released to General fund upon disposal of the land.

6 Capital work-in-progress

	31 December 2019	31 December 2018
Opening balance	52,000	37,800
Additions during the year	<u>60,416</u>	<u>14,200</u>
Closing balance	<u>112,416</u>	<u>52,000</u>

Capital work-in-progress represents expenditure incurred for design and related consultancy fees towards setting up of a new facility at the Society's premises located at Juffair. The expected date of completion is January 2021.

7 Inventories

	31 December 2019	31 December 2018
Stock of gift articles, mementos, etc	<u>2,956</u>	<u>1,853</u>

8 Accounts and other receivables

	31 December 2019	31 December 2018
Membership and financial assistance fees receivables	47,284	48,475
Conference and seminars receivables	<u>317,402</u>	<u>463,748</u>
	364,686	512,223
Less: provision for impaired accounts receivables	<u>(24,610)</u>	<u>(23,865)</u>
	340,076	488,358
Prepaid expenses	31,745	1,327
Accrued interests on fixed deposits	23,651	17,822
UNEP-HPMP Project receivables	670	670
Staff advances	2,750	2,090
Other receivables	<u>5,530</u>	<u>2,598</u>
	<u>404,422</u>	<u>512,865</u>

The Society's accounts receivables are generally on 60 to 90 days credit terms and are mainly denominated in Bahrain Dinars.



Bahrain Society of Engineers
Notes to the financial statements for the year ended 31 December 2019
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8 Accounts and other receivables (continued)

The movement in provision for impaired accounts receivables is as follows:

	31 December 2019	31 December 2018
Opening balance	23,865	80,100
Provision for the year	24,610	23,865
Written-off during the year	<u>(23,865)</u>	<u>(80,100)</u>
Closing balance	<u>24,610</u>	<u>23,865</u>

In 2018, the Society's Board of Directors approved and implemented a provisioning policy towards overdue accounts receivables as required by International Accounting Standards as well as best practices. As per the approved policy, the accounts receivables aged and outstanding for more than one year will be fully provided for. Based on this policy, the Society has created a provision of BD24,610 on its overdue accounts receivables as per their ageing as mentioned below:

	Amount
Membership fee receivables for the year 2018	<u>24,610</u>

The ageing of unimpaired accounts receivables is as follows:

	Total	Neither past due nor impaired Less than 3 months	Past due but not impaired More than 3 months
At 31 December 2019	<u>364,686</u>	<u>254,123</u>	<u>110,563</u>
At 31 December 2018	<u>512,223</u>	<u>455,621</u>	<u>56,602</u>

Unimpaired accounts receivables are expected, on the basis of past experience, to be fully recoverable. It is not the practice of the Society to obtain collateral over accounts receivables and, therefore, are all unsecured. In the opinion of the Society's management, the fair values of the accounts and other receivables are not expected to be significantly different from their carrying values.

9 Short-term fixed deposits

	31 December 2019	31 December 2018
Short-term fixed deposits	<u>1,380,408</u>	<u>889,186</u>

Short-term fixed deposits represent placements made with bankers having original maturities upto 12 months and carry profit rate ranging between 3.00% and 5.10% per annum (2018: 2.25% per annum).

During the year, one of the fixed deposits having maturity of one month was transferred to Ithmaar Bank and held at an annual maturity.

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10 Cash and cash equivalents	31 December 2019	31 December 2018
Cash on hand	5,633	358
Current account balances with banks	43,753	127,820
Fixed deposits	<u>819,327</u>	<u>1,382,233</u>
	<u>868,713</u>	<u>1,510,411</u>

The current account balances with banks are non-interest bearing.

Fixed deposits held with the Society's bankers earn profit rates ranging between 2.20% and 5.10% per annum (2018: 2.45% and 2.65% per annum), are denominated in Bahrain Dinars and have original maturities of one month.

11 Members' fund and reserves

a) *General fund*

General fund represents the accumulated surpluses of income over expenditure.

b) *Financial assistance and support fund*

An amount equivalent to 1% of the Society's excess of income over expenditure for the year needs to be transferred to the financial assistance and support fund. The balance available in this fund is to be used in case of winding up or liquidation. During the year, an amount of BD161 has been transferred to the financial assistance and support fund (2018: BD323 of the excess of expenditure over income). This is subject to the approval of members in the Annual General Meeting.

c) *Members' fund*

An amount equivalent to 1% of the Society's excess of income over expenditure for the year needs to be transferred to the members' fund. The balance available in this fund is to be used in case of winding up or liquidation. During the year, an amount of BD161 has been transferred to the members' fund (2018: BD323 of the excess of expenditure over income). This is subject to the approval of members in the Annual General Meeting.

d) *Revaluation reserve*

The revaluation reserve represents revaluation surplus arising on revaluation of freehold land and is a non-distributable reserve.

12 Deferred income

	31 December 2019	31 December 2018
Opening balance	23,590	27,720
Life membership fees received during the year	-	1,400
Amortised during the year	<u>(5,250)</u>	<u>(5,530)</u>
	18,340	23,590
Current portion of deferred income	<u>(4,690)</u>	<u>(5,250)</u>
Non-current portion of deferred income	<u>13,650</u>	<u>18,340</u>



Bahrain Society of Engineers
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12 Deferred income (continued)

During the year ended 31 December 2019, total fees received by the Society towards life membership fees amounted to BDNil (2018: BD1,400). These fees have been classified as deferred income and are recognised in the statement of income and expenditure over a period of 10 years.

That portion of the life membership fees which will get amortised within twelve months from the statement of financial position date is disclosed as current portion of deferred income.

13 Employees' terminal benefits

Local employees

The contributions made by the Society towards the pension scheme for Bahraini nationals administered by the Social Insurance Organisation in the Kingdom of Bahrain for the year ended 31 December 2019 amounted to BD10,185 (2018: BD9,341).

Expatriate employees

The movement in leaving indemnity liability applicable to expatriate employees is as follows:

	31 December 2019	31 December 2018
Opening balance	14,250	13,336
Accruals for the year	3,808	914
Payments during the year	<u>(409)</u>	<u>-</u>
Closing balance	<u>17,649</u>	<u>14,250</u>
The number of staff employed by the Society	<u>13</u>	<u>13</u>

14 Other payables

	31 December 2019	31 December 2018
Seminars and conferences payables	187,435	372,723
Rayable for Members Affairs	-	15,104
Payable to Project Management Association (PMA)*	27,180	27,180
Provision for leave salary and air passage	5,646	4,105
VAT payable	6,596	-
Provision for incentives	5,917	11,430
Accruals and other payables	3,300	900
Payable to other chapters	1,554	546
Conference fees received in advance	-	8,000
UNEP-HPMP Project payables	<u>-</u>	<u>4,526</u>
	<u>237,628</u>	<u>444,514</u>

*Amount payable to Project Management Association (PMA) was transferred to the Society due to shutdown of operations of PMA, this balance are repayable upon initiation of the association.

In the opinion of the Society's management, the fair values of the other payables approximates to their carrying values.



Bahrain Society of Engineers
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	Year ended 31 December 2019	Year ended 31 December 2018
15 Revenue		
Conferences and seminars	205,804	967,049
Tamheed project	149,143	-
Workshop and training courses	31,722	52,306
Membership subscriptions	45,144	36,385
Facilities rental income	4,364	8,881
Masdar and Dubai education visit income	<u>4,514</u>	<u>4,684</u>
	<u>440,691</u>	<u>1,069,305</u>
16 Cost of operations		
	Year ended 31 December 2019	Year ended 31 December 2018
Conferences and seminars costs	169,490	800,414
Tamheed project expenses	62,271	1,648
Workshop and training courses costs	36,995	47,067
Masdar and Dubai education visit expenses	<u>6,431</u>	<u>5,902</u>
	<u>275,187</u>	<u>855,031</u>
17 Other income		
	Year ended 31 December 2019	Year ended 31 December 2018
Interest income on fixed deposits	71,749	48,420
Payable written back	16,169	-
Miscellaneous income	<u>496</u>	<u>-</u>
	<u>88,414</u>	<u>48,420</u>



Bahrain Society of Engineers
Notes to the financial statements for the year ended 31 December 2019
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18 General and administrative expenses

	Year ended 31 December 2019	Year ended 31 December 2018
Depreciation (Note 5)	15,861	13,308
HQ administration expenses	13,483	14,643
Utilities expenses	11,975	8,387
General activities expenses	10,578	14,987
Federation of Arab Engineers expenses	8,196	5,161
Scholarships for students	7,022	9,047
Repair and maintenance expenses	5,302	5,351
Gulf Engineering forum expenses	5,243	6,396
Bad debts written off	4,500	13,662
BSE awards and graduation project	4,497	-
Other general and administrative expenses	3,708	5,587
WFEO expenses	3,148	4,481
Journal expenses	2,764	2,119
Digital Transformation Project expenses	2,442	3,061
Provision for incentives	1,784	3,673
Taheel project	1,207	-
BSE Re-branding expenses	1,192	4,728
Bank charges and commissions	799	3,444
FIDC expenses	730	747
	<u>104,431</u>	<u>118,782</u>

19 Transactions and balances with related parties

Parties are considered to be related if one party has the ability to control the other party or exercise significant influence over the other party in making financial and operating decisions. Related parties include the members, Board of Directors, key management personnel and their close family members and such other companies over which the Society or its members, Board of Directors, key management personnel and their close family members can exercise significant influence or can be significantly influenced by those parties. Transactions with the related parties are authorised by the management and are on arm's length basis.

There were no transactions entered into or balances with related parties during the year ended 31 December 2019.

20 Commitments

Capital commitments

Commitments on capital work-in-progress at the end of the year were as follows:

	31 December 2019	31 December 2018
Work contracted towards consultancy fees on capital work-in-progress	<u>83,000</u>	<u>83,000</u>

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21 Financial assets and liabilities and risk management (continued)

Risk management is carried out by the Finance Department of the Society under policies approved by the Board of Directors. The Society's Finance Department evaluates and hedges financial risks in close co-operation with the Society's management. The Board of Directors provides principles for overall risk management, as well as policies covering specific areas.

Credit risk is the risk that one party will fail to discharge an obligation and cause the other party to incur a financial loss. Credit risk arises from cash and cash equivalents as well as credit exposures to the customers, including outstanding receivables. Cash is placed with national and multi-national banks with good credit ratings. Concentration of credit risk with respect to trade receivables is limited due to the Society's diversified customer base. The Society applies the IFRS 9 simplified approach to measuring expected credit losses which uses a lifetime expected loss allowance for all trade receivables and amount due from related parties. Due to this factor, management believes that no additional credit risk beyond amounts provided for collection losses is inherent in the Society's trade receivables.

Quantitative disclosures of the credit risk exposure in relation to financial assets are set out below.

	At 31 December 2019	
	Carrying value	Maximum Exposure
Financial assets		
Accounts and other receivables (excluding prepayments)	372,677	340,076
Cash and cash equivalents	868,713	863,080
Short-term fixed deposits	<u>1,380,408</u>	<u>1,380,408</u>
Total financial assets	<u>2,621,798</u>	<u>2,583,564</u>
	At 31 December 2018	
	Carrying value	Maximum Exposure
Financial assets		
Accounts and other receivables (excluding prepayments)	511,538	511,538
Cash and cash equivalents	1,510,411	1,510,053
Short-term fixed deposits	<u>889,186</u>	<u>889,186</u>
Total financial assets	<u>2,911,135</u>	<u>2,910,777</u>

Interest rate risk is the risk that the value of a financial instrument will fluctuate due to changes in market interest rates. The Society term deposits earn market rates of profit. The profit rates for the term deposits ranging between 2.20% and 5.10% per annum (2018: between 2.25% and 2.65% per annum). The Society's other assets and liabilities, in the opinion of the Society's management, are not sensitive to interest rate risk.

Currency rate risk is the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. The Society's foreign currency transactions are generally in GCC currencies and United States Dollars which are effectively pegged to the Bahrain Dinar. Accordingly, currency rate risk is assessed as minimal by management.



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21 Financial assets and liabilities and risk management (continued)

Liquidity risk, also referred to as funding risk, is the risk that an enterprise will encounter difficulty in raising funds to meet commitments associated with financial assets and liabilities. Liquidity risk may result from an inability to sell a financial asset quickly at close to its fair value.

Liquidity risk is managed by monitoring on a regular basis to help ensure that sufficient funds are available to meet all liabilities as they fall due.

The following table sets out the contractual maturities (representing undiscounted contractual cash flows) of non-derivative financial liabilities based on the earliest date on which the Society can be required to make payments.

	Less than 1 year	Between 1 and 5 years	Total
At 31 December 2019			
Non-interest bearing instruments	281,531	-	281,531
At 31 December 2018			
Non-interest bearing instruments	428,979	-	428,979

Fair value measurement

Fair value is the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

Financial instruments not measured at fair value on recurring basis but for which fair value needs to be disclosed include accounts and other receivables (excluding prepayments), cash and cash equivalents, short-term fixed deposits and other payables (excluding employee benefits). In the opinion of the management, due to the short-term nature of these financial instruments, the fair value of these financial instruments is not significantly different from their carrying amounts as at 31 December 2019 and 2018.

22 Events after reporting date

There were no events occurring subsequent to 31 December 2019 and before the date of the report that is expected to have a significant impact on these financial statements.

23 Comparative figures

Corresponding figures have been rearranged and reclassified, wherever necessary for the purpose of comparison and for better presentation. Significant change made during the year was as follows:

<u>Reclassification from</u>	<u>Reclassification to</u>	<u>31 December 2018</u>
General and administrative expenses	Cost of operation	7,550



P.O. Box: 835, Manama, Bahrain. Tel: 17727100 Fax: 17729819 Email: mohandis@bse.bh

