



34th ANNUAL REPORT 2017/2018

"To promote excellence in environmental management among organizations, professionals and interested persons"



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Ensearch Resident



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WHAT IS ENSEARCH?

ENSEARCH is a non-profit association of organizations, professionals, students and people with interest in learning and promoting effective ways to manage the impacts of human activities on the environment. The members of ENSEARCH believe that everyone is responsible for managing and mitigating the impacts of their corporate, professional and daily living activities on the environment. Thus, the motto of the association is "ENSEARCH for a Better Environment."

OBJECTIVES OF ENSEARCH

1. To constitute itself as a national membership organization, comprising multidisciplinary organizations, professionals and persons with interest in the management of the impact of human activities on the environment.
2. To contribute to our national capacity in environmental management through the study, development/adaptation and promotion of the use of sound environmental management technologies and practices amongst industries in the country.
3. To increase the awareness and capacity of organizations and individuals for environmental management through education and training.
4. To promote interaction and understanding among individuals from multidisciplinary backgrounds, such as scientists, engineers and administrators, through the organizing of activities such as talks, visits, social functions, etc.
5. To promote and advance the practice of environmental professionalism by all professionals engaged in the provision of environmental management-related services, such as environmental impact assessments, environmental management systems, environmental audits and environmental technology.
6. To promote and recognize good environmental management practices by industrial organizations through the development and implementation of award schemes.
7. To support the development of legislative and regulatory frameworks that are supportive of environmental management practices through mobilizing and advocating members' professional views, to pertinent government and regulatory bodies, and also scientific and technical inputs in the policy and working committees of those bodies.
8. To compile, organize, publish and disseminate journals, reports and newsletters containing articles of scientific, technological, legislative and general interest pertinent to environmental management.
9. To organize scientific/technical meetings (conferences, workshops, seminars) and exhibitions pertinent to environmental management.
10. To promote awareness and implementation of environmental management by industrial organizations.
11. To promote awareness and implementation of cleaner production methods and technologies by industrial organizations.
12. To co-operate with other national and international organizations with similar objectives or interests to those of the Association

ENSEARCH's VISION

"Malaysians are environmentally aware and are committed to take personal responsibility to manage and mitigate the impacts of their corporate, professional and daily living activities on the environment."

ENSEARCH's MISSION

"To promote excellence in environmental management among organizations, professionals and interested persons."

PRESIDENT'S FOREWORD



It is wonderful to note that ENSEARCH has completed another active term, 2017/2018. My sincere appreciation to all our Corporate, Individual and Life Members for the continuous support.

For 34 years, ENSEARCH has persisted through all the challenges to maintain an active working Secretariat, supported ably by Council Member's selfless activism.

The Flagship Project, the 13th Asia Pacific Roundtable for Sustainable Consumption and Production Conference and Exhibition in Melaka in October 2017 that ENSEARCH embarked upon was successfully organised and concluded. The participation by the Economic Planning Unit, Prime Minister's Department, Switch-Asia Facility/European Union and IGES Japan injected a much-needed international perspective to this event.

ENSEARCH, I am glad to record, is benefitting greatly from the 13th APRSCP with "spin-off" activities being pursued intensely with these key Institutions.

Our Training Sub-Committee has continued to be active supporting one of ENSEARCH's key objective of "Continuous Professional Development" targets. One needs to appreciate ENSEARCH critical role albeit small, in the nation's Manpower Development Agenda.

Finally, the Council Members and I wish to announce that ENSEARCH has been managed prudently-recording a positive Cash Flow position resulting with a Profit situation for Financial year 2017.

In conclusion, allow me to thank the 2017/2018 Management Committee and Council Members. I also record my appreciation to the Secretariat for their efforts.

Thank you.

My regards,

A handwritten signature in black ink, appearing to be 'G. Nair', written in a cursive style.

GOBINATHAN KUMARAN NAIR
PRESIDENT
2017/2018

AGENDA

ENSEARCH 34th ANNUAL GENERAL MEETING

1. Opening address by the President of ENSEARCH 2017/2018
2. Confirmation of the Minutes of the 33rd Annual General Meeting held on 18th May 2017 (Thursday)
3. Matters arising
4. Tabling of the Annual Report, Balance Sheet and Statement of Accounts for the Financial Year of 2017
5. Acceptance of the Annual Report, Balance Sheet and Statement of Accounts for the Financial Year of 2017
6. Election of Council Members
7. Appointment of two Honorary Auditors / Professional Auditors
8. Debate and decision on any resolution duly submitted and received by the Hon. Secretary General at least two weeks before the Annual General Meeting
9. Any Other Business

**MINUTES OF THE
33rd ANNUAL GENERAL MEETING
OF ENSEARCH**

MINUTES OF THE 33rd ANNUAL GENERAL MEETING OF ENSEARCH

Date : 18th May 2017 (Thursday)
Time : 4.30 p.m.
Venue : KELAB GOLF NEGARA SUBANG

Attendance:-

No	Name	Membership No
1	GOBINATHAN KUMARAN NAIR	LM0002
2	DR LOO KOI SANG	LM0027
3	TAN SUAT EAM	LM0040
4	TAN POH AUN	IM0007
5	NG TIONG SHENG	IM0068
6	Ir. ELLIAS SAIDIN	IM0112
7	MOHAMED SIRAJ ABDUL RAZACK	IM0200
8	AKASHAH HJ MAJIZAT	IM0205
9	MD MUNIR HAYET KHAN	IM0260
10	Ir. LEE HENG KENG	IM0289
11	HAJI ZAIDI ZIN	IM0308
12	Dr. MOHD AMRI BIN LAJIS	IM0319
13	PUVANESURI SANDERA SAGARAN	IM0320
14	GOPINATH NAGARAJ	IM0321
15	BADARIAH AWANG KECHIK	IM0325
16	KHALED OBAIDEEN	IM0371
17	YONG YEE MENG	IM0411
18	SEYEDEHROYA GORJIFARD	IM0420
19	KISHAN GUNESEGERAN	SM0023
20	GEETHA P KUMARAN	LM0003
21	ERE CONSULTING SDN BHD (Represented by Mr Randolph Jeremiah)	CM0032
22	INDAH WATER KONSORTIUM SDN BHD (Represented by Ms Nurul Hidayah Abdullah)	CM0047
23	GOLDEN ECOSYSTEM SDN BHD (Represented by Dr Foo Say Moo)	CM0049
24	EUROPASIA ENGINEERING SERVICES SDN BHD (Represented by Ms Geetha P Kumaran)	CM0050
25	PETRON MALAYSIA (Represented by Mr Ching Yuan Kong)	CM0082
26	DHI WATER & ENVIRONMENT (M) SDN BHD (Represented by Ms Tania Golingi)	CM0084
27	CIRI SELASIH SDN BHD (Represented by Dato' Ir Othman Abdul Rahim)	CM0088
28	TRI ECOEDGE SDN BHD (proxy held by Ms Geetha P Kumaran)	CM0085

1.0 WELCOME ADDRESS BY THE PRESIDENT

The President expressed his gratitude and sincere thanks to all ENSEARCH members for attending the 33rd Annual General Meeting.

He informed that the AGM report has been uploaded on ENSEARCH website for members' reference and to refer to his opening address on Page 3.

2.0 CONFIRMATION OF MINUTES OF THE 32nd ANNUAL GENERAL MEETING HELD ON 19th MAY 2016.

- 2.1 The meeting was called to order at 4.30pm and quorum for the AGM to proceed was established.
- 2.2 The Hon General Secretary tabled the 32nd AGM Minutes of Meeting from Pages 6 to 12.
- 2.9 Dr Loo Koi Sang proposed to adopt the Minutes of the 32nd Annual General Meeting. The motion was seconded by Mr Mohamed Siraj Abdul Razack and Dato' Ir Othman Abdul Rahim.

3.0 Matters Arising

None

4.0 Tabling of the 33rd Annual Report 2016/2017

- 4.1 The Hon. General Secretary thanked all Council members present for their continuous support.
- 4.2 The Hon. General Secretary presented the Annual Report for 2016.
- 4.3 The Hon. General Secretary presented the reports from the ENSEARCH Standing Committees (Pages 13 to 31 of the Annual Report) as follows:-
 - K. Kumarasivam Endowment Fund (KKEF)
 - Cyber Plant Conservation Network (CPCN)
 - Education and Training
 - Publication and Website
 - Membership
 - Events and Activities
 - ENSEARCH Sabah Branch
 - Centre for Environmental Technologies (CETEC)
 - Malaysian Environmental NGOs (MENGO)
 - ENSEARCH Air Quality Technical Interest Group
 - PRIME MINISTER'S HIBISCUS AWARD (PMHA)

- 4.4 Hon. General Secretary announced Dr Mohd Amri Bin Lajis has volunteered to become ENSEARCH's Council member and will be considered for co-option into the Council.
- 4.5 The Hon. General Secretary informed that Petronas soon will nominate new Council member as their representative.
- 4.6 Hon. General Secretary informed that Mr Khoo Boon Keat was unable to attend all the Council meetings; however he is fulfilling his portfolio as Website and Publication Standing Committee by overseeing work over the week. Hon. General Secretary also announced that ENSEARCH Website has been fully revamped and is very much improved.
- 4.7 Membership Committee is now very actively chaired by Mr Mohamed Siraj Abdul Razack and is overseen by Vice President Dr Foo Say Moo to improve membership intake.
- 4.8 Hon. General Secretary announced that the KKEF Board chaired by Dr Foo Say Moo has successfully conducted the KKEF Memorial Public Lecture 2016 and the Internship Award Winner Ms Chia Wern Shin has participated in the internship program with E5 Campus, Hong Kong. Ms Chia Wern Shin will present her Internship Report on the next KKEF Public Lecture.
- 4.9 The President and Hon. General Secretary announced to members that Mr Akashah Hj Majizat, Dr Paul Quek and Mr Peter Ho are continuing to work on CPCN project. CPCN is gearing up to make data collecting process related to trees, lakes, wetlands and other ecosystem to be more interesting to members.
- 4.10 Hon. General Secretary updated few training held successfully in year 2016. ENSEARCH conducted two (2) trainings in up to April 2017. The "Train the Trainer" was successfully conducted in March 2017. She informed that the trainer is very keen to have "Train the Trainer" training exclusively for ENSEARCH members again. ENSEARCH will conduct the training again if we have enough participants with a minimum of 20pax.
- 4.11 Hon. General Secretary updated that the Training Room of ENSEARCH is now available for rental. ENSEARCH will also working actively to conduct more in-house Trainings as we have more HRDF-Certified Trainers. All the latest information will be uploaded on ENSEARCH website.
- 4.12 The Hon. General Secretary informed that ENSEARCH Sabah Branch will have their Annual General Meeting soon and will come out with new plans to enhance their revenue.
- 4.13 The Hon. General Secretary updated that CENTRE FOR ENVIRONMENTAL TECHNOLOGIES (CETEC) has been officially wound up.

- 4.14 The Hon. General Secretary announced that ENSEARCH is actively represented in the 3 PMHA Committees – Organizing Committee, Steering Committee & Technical Committee
- 4.15 Hon. General Secretary apologized to members for not including reports on EQC. She updated some info on EQC; Chair of EQC, Prof Dato Dr Mazlin announced that amendments to the Environment Quality Act are now being done by Jabatan Alam Sekitar which is now proposing the Environment Protection Act. The spirit of this new act is to look towards the aspiration of the country in 2050. EQC wants all its members to look into the current Act 1974 which was amended in 2012, and comments on items to be enhanced.
- 4.16 Mr Gopi from Fanli Marine & Consultancy Sdn Bhd suggested formation as a Subcommittee to look into marine pollution matter. Hon. General Secretary informed that ENSEARCH will work to establish a Committee soon. Updates will be given to all ENSEARCH members.
- 4.17 The President announced that ENSEARCH is one of the NGO among only 2 NGOs' in EQC. Consultants and Corporate Members are encouraged to take it as a good opportunity to participate in deliberations under the EQC.
- 4.18 Hon General Secretary informed that a separate report on EQC will be uploaded on ENSEARCH website soon.

5.0 FINANCIAL REPORT FOR THE PERIOD ENDING 31st DECEMBER 2016

- 5.1 The Hon. Treasurer went through the Audited Financial Statement for the year ended 31st December 2016. She updated that Standard Chartered Accounts has been closed and the entire funds have been moved to Maybank Berhad.
- 5.2 The Hon. Treasurer explained that ENSEARCH income has increased compared to year 2015 however the expenditures had also increased as there are more activities.
- 5.3 The Hon. Treasurer updated that ENSEARCH is still maintaining KKEF & CPCN funds. Meanwhile ENSEARCH had also earned some Rental income from Red Auto Studio Tenant of ground floor.
- 5.4 She also requested Members support on ENSEARCH revenue via membership and trainings activities.
- 5.5 The President added that ENSEARCH's main major program – 13th APRSCP which will be held in October 2017 is expected to increase revenue for ENSEARCH.

- 5.6 Hon. General Secretary added on that ENSEARCH has undertaken cost cutting measures to cut down such as Oracle Management the external accounts provider is now no longer serving ENSEARCH. ENSEARCH accounts will be fully handled internally by Ms Vishal, the Executive Secretary.
- 5.7 She also thanked Yokomax (M) Sdn Bhd for their sponsorship of RM24,000.00 for one year with the amount of RM 2,000.00 per month.
- 5.7 There were no objections and questions from members on Audited report presented. Dato' Ir Othman Abdul Rahim proposed the adoption of the annual report, financial report and balance sheet. The motion was seconded by Mr Ng Tiong Sheng.

6.0 ELECTION OF COUNCIL MEMBERS

- 6.1 Hon. Sec. General Council informed the new session will be for 2017/2018. She stated that by Constitution only twelve (12) members are elected.

Members elected for 2017/2018 session would be valid for the next two (2) years and their term would end in year 2019/2020.

The five elected Council members were:-

1. Mr K N Gobinathan
2. En Abdul Aziz Bin Long
3. Ms Geetha P Kumaran
4. Ir Lee Heng Keng
5. En Mohamed Siraj Abdul Razack

- 6.2 The seven due to remain as Council members until 2017/2018 are:-

1. Datuk Ir Othman Abdul Rahim
2. Dr Subramaniam A/L Karuppannan
3. Dr Foo Say Moo
4. Ms Jenny Tan Suat Eam
5. Mr Tan Poh Aun
6. Mr Khoo Boon Keat
7. Mr Akashah Hj Majizat

- 6.3 Hon Sec. General informed that Dr Mohd Amri Bin Lajis has volunteered himself to serve ENSEARCH as co-opted council member.

7.0 Appointment of 2 (Two) Honorary Internal Auditors and External Auditors

7.1 The President opened to the floor the election for the position of Hon. Internal Auditors.

The members agreed for Dr Loo Koi Sang to remain as Hon Internal auditor and Ir Mazura Md Mazlan to remain as Hon. Internal Auditor for 2017/2018.

7.2 Hon. General Secretary informed that ENSEARCH want to change Auditor as the fees keep on increasing every year. On the change of External Auditors, the President requested for Members present to allow the Council to decide. All members agreed.

8.0 OTHER MATTERS

8.1 Dr Foo Say Moo as a Chairperson of KKEF Board, announced and welcomed Members to publicize the internship program which is on-going. The closing date will be on 15th July 2017. Members aged below 35 years old are welcome to participate.

8.2 The President updated on the 13th APRSCP. ENSEARCH is putting more efforts on organizing 13th APRSCP. ENSEARCH has a strong Working Group which is led by The President , Mr Gobinathan Kumaran Nair, Hon. General Secretary Ms Geetha P Kumaran, Hon Treasurer Ms Jenny Tan, Dato' Halimah, Dato' Ir Othman Abdul Rahim and Dr Hari.

8.3 The President informed ENSEARCH secured 3 Sponsors for 13thAPRSCP; however we are still looking for more Sponsors. Besides, Chief Minister of Melaka State has agreed to sponsor one cocktail dinner for the 13th APRSCP.

8.4 The budget for 13th APRSCP is RM700,000.00, hence ENSEARCH is encouraging Corporate Members to support.

8.5 Dato' Ir Othman Abdul Rahim, proposed ENSEARCH to conduct more Trainings for JKR staff. As Dato Dr Roslan is ENSEARCH's long standing member, ENSEARCH should contact him on this matter.

8.6 The Hon. General Secretary accepted the suggestion and informed that ENSEARCH will contact Dato' Dr Roslan on this matter as soon as possible.

8.7 The President and Hon. General Secretary thanked the Members who attended the Annual General Meeting and since there were no further discussion and objection, the 33rd Annual General Meeting has been successfully concluded.

12.0 ADJOURNMENT

The meeting adjourned at 5.30 p.m. with a word of thanks from the President, Mr Gobinathan Kumaran Nair to all members for their attendance and participation.

Report by:



.....
Gobinathan Kumaran Nair
President
ENSEARCH 2016/2017



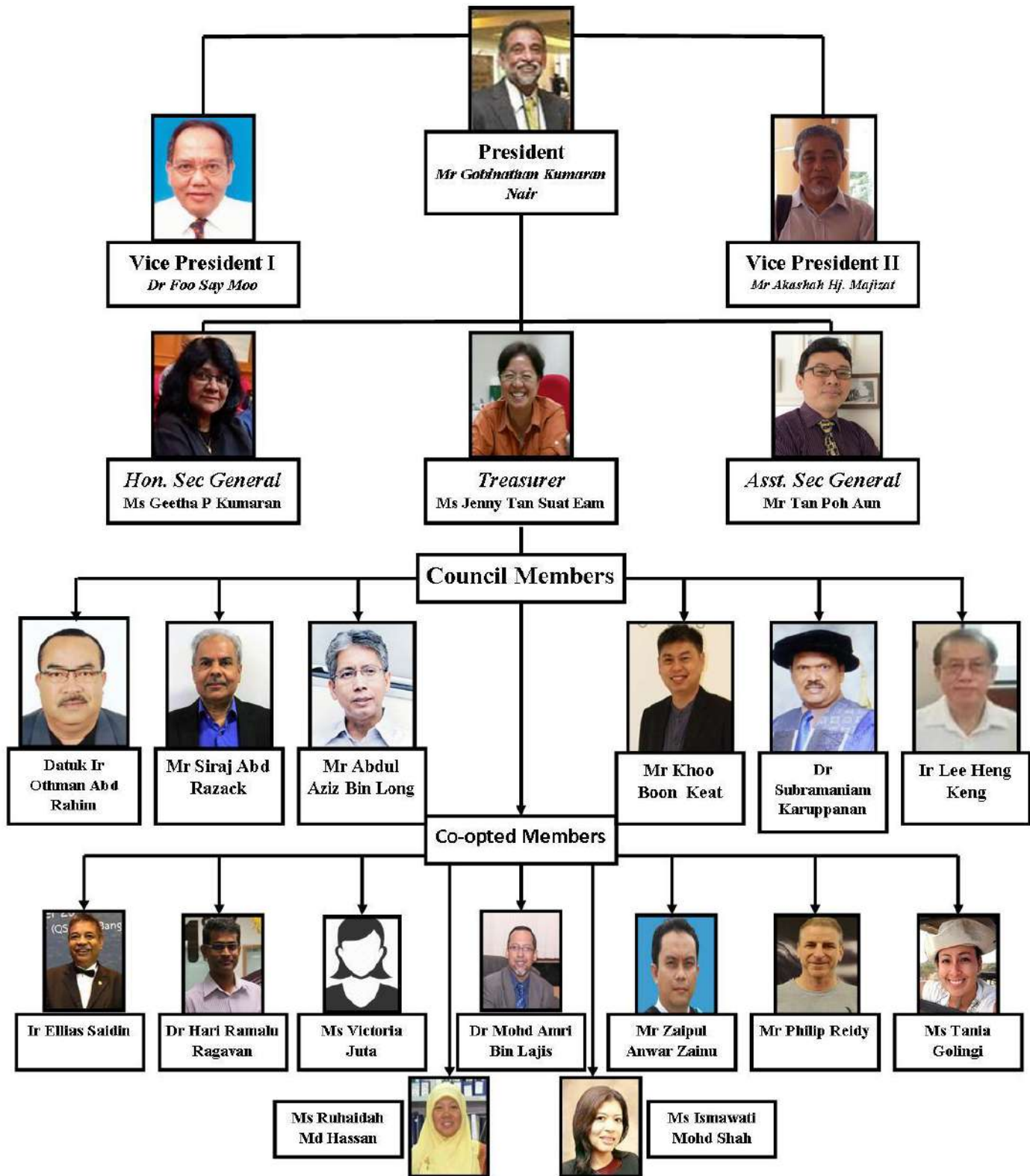
.....
Geetha P Kumaran
Hon. Secretary **General**
ENSEARCH 2016/2017

ENSEARCH STANDING COMMITTEES FOR SESSION 2017/2018

- | | | |
|---|---|--|
| 1) Membership & Fund Raising | : | Mr Mohammed Siraj Abdul Razack (Chair)
Assisted by Mr Zaipul Anwar Bin Zainu and
Mr Khaled Obaideen
Overseen by DR Foo Say Moo |
| 2) Education & Training | : | Mr Tan Poh Aun (Chair)
Assisted by Ms Ruhaidah Md Hassan |
| 3) Website, Publication & Media | : | Mr Khoo Boon Keat (Chair)
Assisted by Mr Kelvin Diong |
| 4) Event & Activities | : | Dato Ir Othman Bin Abdul Rahim (Chair)
Assisted by Mr. Abdul Aziz Bin Long and Mr Philip
Reidy |
| 5) K.Kumarasivam Endowment Fund | : | Dr Foo Say Moo (Chair)
Assisted by Dr Hari Ramalu, Ir Ellias
Saidin & Ir Lee Heng Keng |
| 6) Cyber Plant Conservation Project (CPCN) | : | Mr Akshah Hj Majizat (ENSEARCH Rep) |
| 7) PRIME MINISTER HIBISCUS AWARD (PMHA) | : | Mr Gobinathan Kumaran Nair (OC)
Dr Foo Say Moo (Alternate OC)
Ms Jenny Tan (SC)
Mr Akshah Hj Majizat (Alternate SC)
Dr Gunalan Paramasevam (TC)
Mr Satwant Singh (TC) |
| 8) IEPM (CP & QP) | : | Ir Lee Heng Keng |
| 9) Sirim (ISCZM and TC207) | : | Dr Foo Say Moo (Rep)
Ms Geetha P Kumaran (Alternate) |
| LCA and TC/Z/5 | : | Dr Mohd Amri Bin Lajis |
| Climate Change TC | : | Dr Mohd Amri Bin Lajis |
| Working Group on Ambient Atmosphere
and Meterology | : | Mr Tan Poh Aun (Rep)
Tan Yean Chen (Alternate) |

- 10) MENGO : Ir Ellias Saidin
- 11) EQC (DOE) : Mr Gobinathan Kumaran Nair
(Member)
Ms Geetha P Kumaran (Alternate)
- 12) Water Interest Group : Mr Akshah Hj Majizat (Chair)
Ir Ellias Saidin (Alternate)
- 13) Air Interest Group : Mr Tan Poh Aun (Chair)
- 14) Penang Green Council : Ms Geetha P Kumaran (Panel)
- 15) COSTAM : Dr Loo Koi Sang
- 16) Internal Auditors : Dr Loo Koi Sang
Ir Mazura Mazlan
Mr Joel Lawrence (Replace Late Dr Loo
Koi Sang)

ENSEARCH Standing Committees for Session 2017/2018



SECRETARIAT SUPPORT 2017/2018



Ms Visalatchy Singam
Executive Secretary cum Accounts Officer
Admin, Accounts & HR



Ms Sharon Woo Mei Ling
Senior Project Officer
Event & Education, Grants



Ms Kalaisyiah
Project Officer
Event & Activities
w.e.f. : 02/05/2017 – 15/08/2017 (Resigned)



Mr Mohamad Syamim
Project Officer
Event & Activities
w.e.f. : 04/09/2017

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1.0 ENSEARCH COUNCIL

1.1 The elected members of the ENSEARCH Council 2017/2018 held their first meeting on 10th June 2017 (Saturday) at ENSEARCH Office, PJ, Selangor.

Members of the Council present unanimously agreed on the appointment of the following office bearers:

Post	Name	Elected Date
President	Mr Gobinathan Kumaran Nair	18.05.2017
Vice President	Dr Foo Say Moo	19.05.2016
	Mr Akashah Hj Majizat	19.05.2016
Honorary Secretary General	Ms Geetha P Kumaran	18.05.2017
Asst. Hon. Sec. Gen	Mr Tan Poh Aun	19.05.2016
Honorary Treasurer	Ms Jenny Tan Suat Eam	19.05.2016
	Mr Abdul Aziz Bin Long	18.05.2017
	Mr Mohamed Siraj Abdul Razack	18.05.2017
	Mr Khoo Boon Keat	19.05.2016
	Ir Lee Heng Keng	18.05.2017
	Dr Subramaniam a/l Karuppannan	19.05.2016
	Dato Ir Othman Bin Abdul Rahim	19.05.2016

The Council decided unanimously to co-opt the following into the Council:

- i. Ir Ellias Saidin (Immediate Past President)
- ii. Mr Philip Reidy (Until December 2017)
- iii. Dr Hari Ramalu
- iv. Ms Ruhaidah Md Hassan (Indah Water Konsortium Rep)
- v. Ms Victoria Charles Juta (Petronas Rep)
- vi. Ms Tania Golingi (ENSEARCH Sabah Branch Rep)
- vii. Ms Ismawati Mohd Shah (CENVIRO Rep)
- viii. Dr Mohd Amri Bin Lajis
- ix. Mr Zaipul Anwar (Student Rep)

1.2 The Management held 7 meetings during the year:

Meeting No.	Date	Day
1	14 th July 2017	Friday
2	26 th August 2017	Saturday
3	26 th September 2017	Tuesday
4	11 th November 2017	Saturday
5	12 th December 2017	Tuesday
6	27 th January 2018	Saturday
7	07 th April 2018	Saturday

1.3 The attendance at the Management meetings are as follows:

No	Name	1	2	3	4	5	6	7	Total Number Of Meetings attended
1	Mr Gobinathan Kumaran Nair	P	P	P	P	P	P	P	7/7
2	Dr Foo Say Moo	P	X	X	P	P	P	X	4/7
3	Mr Akashah Hj Majizat	P	X	X	X	X	X	X	1/7
4	Ms Geetha P Kumaran	P	P	P	P	P	P	P	7/7
5	Ms Jenny Tan Suat Eam	P	P	P	P	X	X	P	5/7
6	Mr Tan Poh Aun	P	X	X	P	P	P	X	4/7

1.4 The Council held 5 meetings during the year:

Meeting No.	Date	Day
1	10 th June 2017	Saturday
2	26 th August 2017	Saturday
3	11 th November 2017	Saturday
4	27 th January 2018	Saturday
5	07 th April 2018	Saturday

1.5 The attendance at the Council meetings are as follows:

No	Name	1	2	3	4	5	Total Number Of Meetings attended
1	Mr Gobinathan Kumaran Nair	P	P	P	P	P	5/5
2	Dr Foo Say Moo	P	X	P	P	X	3/5
3	Mr Akashah Hj Majizat	P	X	X	X	X	1/5
4	Ms Geetha P Kumaran	P	P	P	P	P	5/5
5	Ms Jenny Tan Suat Eam	P	P	P	X	P	4/5
6	Mr Tan Poh Aun	X	X	P	P	X	2/5
7	Dr Subramaniam a/l Karuppannan	X	P	P	P	P	4/5
8	Mohamed Siraj Abdul Razack	P	X	X	P	P	3/5
9	Mr Lee Heng Keng	P	P	X	P	X	3/5

10	Mr Abdul Aziz Bin Long	X	P	P	X	X	2/5
11	Dato Othman Abdul Rahim	P	P	P	X	P	4/5
12	Khoo Boon Keat	X	X	X	X	X	0/5

Note : Attendance of co-opted members are not governed by Constitution.

X : Absent with apologies

(Mr Khoo Boon Keat was unable to attend meetings on Saturday but fulfilled his portfolio as Website and Publication Standing Committee by overseeing work over the week)

P : Present

2.0 ENSEARCH MEMBERSHIP

As of 31st December 2017, the total membership of ENSEARCH stood at:

Category of Membership	Membership as at 01/01/2017	Admission in 2017	Resignation in 2017	Membership as at 31/12/2017
Corporate	43	2	0	45
Individual	240	27	30	237
Student	6	4	0	10
Life Member	44	1	0	45
TOTAL	333	34	30	337

Note: Resignations were confirmed via written and verbal messages.

Members who have not paid membership due for 2 years and more are dropped from the register.

3.0 STANDING COMMITTEE REPORTS

3.1 K. KUMARASIVAM ENDOWMENT FUND (KKEF)

The K. Kumarasivam Endowment Fund (KKEF) was established in recognition of the late Ir. K. Kumarasivam's contribution towards the promotion of environmental excellence in Malaysia.

The KKEF Board manages the fund. They are:

- Dr. Foo Say Moo (Chairman)
- Ms. Sharon Chong (Family Rep of the late Ir. K. Kumarasivam)
- Ir. Goh Kiam Seng
- Dr. Hari Ramalu Ragavan

3.1.1 The KKEF Memorial Public Lecture 2017

The KKEF Memorial Public Lecture and Young Environmentalist Award was held on 12th December 2017 at Dewan Presiden, Kelab Golf Negara Subang, Kelana Jaya. KTA Tenaga Sdn Bhd, of which Ir. Kumarasivam was a founding partner, supported by providing a sum of RM2000.00 towards the event.

The Speaker for the Public Lecture was Emeritus Professor Dr Muhamad bin Awang. He was the Vice Chancellor of SEGI University. He was also a Professor in the Department of Environmental Science, Universiti Putra Malaysia. His lecture titled, 'Aligning Environmental Education and Training Goals in meeting Industry Needs' attracted both members of ENSEARCH and the public who were from diverse professions. He is also kindly contributed back his token of RM1000.00 to the KKEF Fund and was willing to share his PowerPoint Slides which is available on the ENSEARCH website.

3.1.2 The KKEF Young Environmentalist Internship Award 2017

The 13th recipient of KKEF Young Environmentalist Award is Mr Sathis Venkitasamy. His winning Essay spoke about waste water management. The judges agreed that the topic was relevant, and the intern demonstrated his passion by joining Global Environment Centre (GEC) which he entrusted with river management, water management, solid waste management and environmental education programs. Until today, he had undertaken various projects covering important environmental aspects. He successfully carried out Water Conservation Programme for Schools in Malaysia which he developed water auditing calculator for Malaysian schools. Being a firm believer in practical environmentalism, Mr. Sathis actively gives talks on environmental education and awareness during training, seminar, Astro interview and so on. He is also appointed panel judge since 2016 for 'Selangor Beach and River Adoption Competition' organized by Selangor Water Management Authority (LUAS).

ENSEARCH was fortunate to partner with JK Lakshmi Cement Limited, India in providing Mr Sathis Venkitasamy his two weeks internship programme which started on Monday, 15th January to 29th January

2018. JK Lakshmi Cement Limited is a part of the 125 years old JK Organisation. It is an eminent industrial house, with operations in India and abroad. JK Organisation as has a leadership presence in the fields of tyre, cement, paper, power transmissions and sealing solutions, dairy products and textiles. This organisation has three pillars of sustainability which are environment, empowerment and health.

3.2 Cyber Plant Conservation Network (CPCN)

This project has been put on hold due to unavoidable circumstances. ENSEARCH is looking for fresh leads to revive this project. All members are welcome to meet up with ENSEARCH Management Committee to look into how to move forward with this Project idea.

3.3 Education and Training

3.3.1 Introduction

A total of two (2) public trainings, one (1) seminar and one (1) International Conference & Exhibition were organised. The two public trainings were held at ENSEARCH Kota Damansara Training Centre, the seminar at Kelab Golf Negara Subang (KGNS), Petaling Jaya and the Conference & Exhibition was held at Melaka International Trade Centre (MITC), Melaka.

The HRDF “Train the Trainer” Programme saw 14 trainees successfully completing the course and are now Human Resource Development Fund (HRDF) Certified Professional Trainers thanks to the strict guidance of trainer Ms Rita Krishnan.

The ‘Environmental Droners for Beginners’ 2 Day Training was the first classroom training introducing the topic of Drones following the good response from the Drones Seminar. ENSEARCH successfully organised this with 13 eager ENSEARCH members and were trained by dedicated trainers – Mr Mohd Hairul Fadli and Mr Mohd Fuad.

In the later part of the year, ENSEARCH’s resources was fully focussed on the 13th Asia Pacific Roundtable on Sustainable Consumption and Production (APRSCP)

3.3.2 TRAINING

20, 21, 27-29 March 2017 – 5 Day HRDF “Train the Trainer” (TTT) Programme

4 & 5 July 2017 - Environmental Droners for Beginners Training

6 & 7 February 2018 – Environmental Droners – Beginners & Intermediate

13 March 2018 – Open Air Training (In collaboration with Sox Nox Asia Sdn Bhd)

10 & 11 April 2018 – AIR POLLUTION ASSESSMENT LEVEL 1

3.3.3 SEMINAR

18 May 2017 – Utilization of Drones / Unmanned Aerial Vehicles (UAV) in Environmental Management Seminar

In the era of Technology, the use of Drones has many advantages. Thus, ENSEARCH saw it very befitting and timely to promote the use of Drone Technology in Environmental Management, Monitoring, Research, Enforcement and more. We wanted Environmental Management Professionals especially ENSEARCH members, to understand the benefits of this cool invention and how it can enhance their work.

The Seminar had close to 80 participants learning from four interesting Presenters from different backgrounds. These Presenters covered subjects like the uses of Drones, Environmental Monitoring and Research in different scenarios and a Drone flying demonstration.

The venue; Kelab Golf Negara Subang (KGNS) was ideal with suitable open spaces to conduct a drone flying demonstration.

3.3.4 GRANTS

ENSEARCH submitted three proposals for projects but was not successful. One proposal was for a Stakeholder Consultation and the other two were about Water and Energy Footprint Reduction. ENSEARCH will continue to look out for other opportunities.

3.3.5 OTHERS

a. Training Room for Rent

Two ENSEARCH member companies rented the ENSEARCH Training Room for their internal trainings; Tri EcoEdge Sdn Bhd and Sox Nox Asia Sdn Bhd. We will continue to advertise and encourage members to take advantage of the affordable rate to rent the space for their meetings, trainings and other activities. As long as the company is an Individual or Corporate member.

b. In-house training

We submitted at least two proposals but did not secure the project.

In summary, organising our trainings that meet members' and industry demands has a higher chance of success as requests for in-house training is open to other trainers' proposals.

3.3.6 CONFERENCE

The 13th Asia Pacific Roundtable on Sustainable Consumption and Production

The 13th Asia Pacific Roundtable on Sustainable Consumption and Production was held at the Melaka International Trade Centre (MITC) from 24th to the 26th of October 2017. This event was organized by ENSEARCH, with the Asia Pacific Roundtable for Sustainable Consumption and Production (APRSCP) as co-organiser. The APRSCP is involved in developing and promoting sustainable consumption and production (SCP) in the Asia-Pacific. The APRSCP, established in 1997 (more than 19 years ago) and registered as a non-profit organization in Thailand, has held 12 roundtables within the region and has built up a strong network among industry, governments, academia and non-governmental organizations and international organizations in the Region.

Sustainable Consumption and Production is more urgent and relevant now than before as our Earth, now continues to be plagued by disasters and catastrophes caused by consumption and production by the masses, the producers as well as Country Heads. Specialists gathered here for this purpose to disseminate the message, provide leadership as well as the know-how to promote and implement SCP policies, strategies and technologies for a better future.

For this year, the 13th APRSCP focused on three enablers consisting of “Technology and Innovation”, “Green Financing” and “Low Carbon Communities”.

With the strong support of the public and private sectors, the two-day Conference and Exhibition welcomed delegates, speakers and guests from at least 20 countries. Melaka Chief Minister, YAB Datuk Seri Utama Ir Haji Idris Bin Haji Haron officiated the 13th APRSCP.

EiMAS approved 16 CPD Points to Environmental Management Practitioners and MIP approved 3 CPD Points to Professional Planners who came. On the 3rd day, a Technical Field Visit was organised to Environmental Preservation and Innovation Centre (EPIC) & Hazardous Waste Management Facility at Kualiti Alam, Negeri Sembilan. We also acknowledged Kualiti Alam Sdn Bhd, and Tex Cycle Technology (M) for their Exceptional Performance in Environmental Protection and Management. ENSEARCH would like to thank all the individuals and organisations who supported the Conference, Exhibition and Technical Field Visit.

(Conference photos from pages 31 to 33)

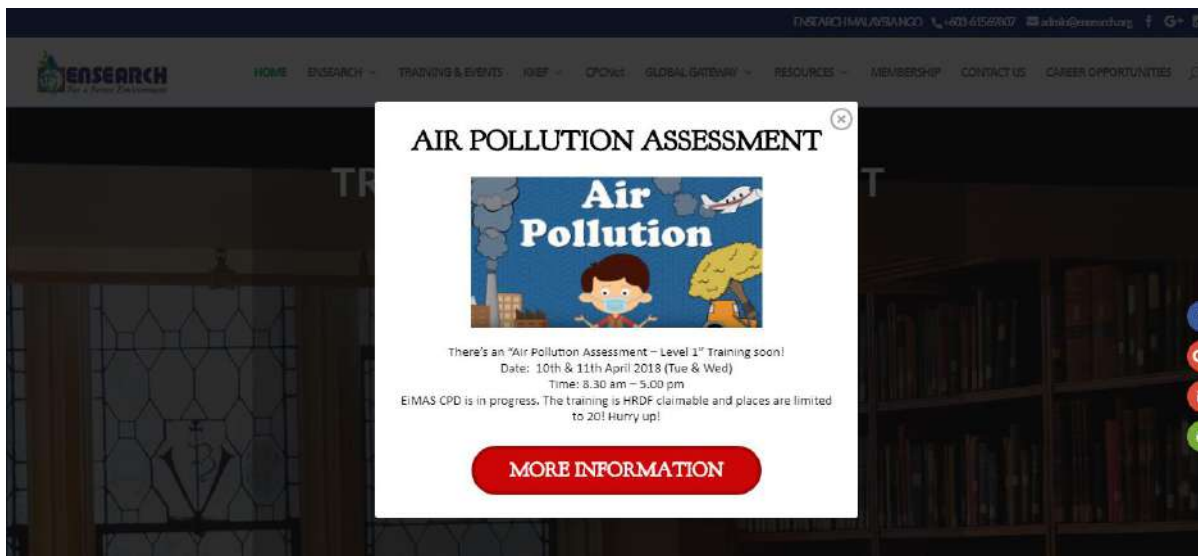
3.4 PUBLICATION AND WEBSITE

The ENSEARCH website is now 100% managed by ENSEARCH Secretariat. The major website re-setting was done in February 2018. The latest website now looks more appealing as the appearance is changed accordingly.

Several improvements to the website include:

- Clearer promotion for training and activities (bigger banner)
- Pop up advertisement
- Training calendar is available
- Better page layout

The pop up Marketing Materials are updated frequently. It is the first thing the visitor will see when they log on to ENSEARCH website. This advertisement is mainly for the training and other activities which require visitor to register. It looks more interesting and the 'More Information' button will lead the visitor to the registration form.



The pop up of Marketing Materials

The BERITA ENSEARCH (BE) quarterly newsletter is a medium of education and marketing on the accomplishments and announcements of not only ENSEARCH but other organisations as well, especially individual and corporate members. Through the BE, the Secretariat and members of ENSEARCH can share related environmental articles, activities and trainings which is in line with ENSEARCH's Vision and Mission.

3.5 MEMBERSHIP

For the year 2017 the Membership Secretariat has continued good management of the membership database of **ENSEARCH**.

ENSEARCH is happy to report that on 2017 Membership numbers are as follows:-

➤ Corporate Members	45
➤ Individual Members	237
➤ Student Members	10
➤ Life Members	45

Total	<u>337</u>
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With timely reminders to Members for renewal and monitoring of payments systematically, the sub-committee has helped to bring all records up-to-date and has eased the management of the renewal process significantly.

Due to the economic downturn, it's been a challenging 2017 to recruit Corporate Members. However, recruitment on Individual Members had a good increase in numbers.

Besides that, Membership Committee has come out with many agendas for Members to build up a close relationship between ENSEARCH and Members, at the same to increase the numbers of members. Below are the upcoming planning forecasted by Membership Committee which will be notified to Members soon in upcoming months:

- To form a working group among members
- Member Get Member Deal
- Meet the Members Session
- Active Communication with Members through Website and as well as other Social Medias

All members are issued certificates and this act as a reminder to renew their membership on a yearly basis.

3.6 ENSEARCH SABAH BRANCH

Based on a decision made by Council last year, ENSEARCH Sabah activities have been put on hold while a new direction is sought for it to be self-sustaining. While waiting for the revised terms of office for ENSEARCH Sabah Branch, Ms Tania Golingi shall be ENSEARCH Sabah branch representative to the Council.

4.0 ENSEARCH Air Quality Technical Interest Group (EAQTIG)

ENSEARCH Air Quality Technical Interest Group (EAQTIG) For the 2017/2018 period, the group facilitator presented a paper entitled “Air Quality and Odour Sampling Using Drones” in the ENSEARCH organized seminar – Utilization of Drones/Unmanned Aerial Vehicles (UAV) in Environmental Management which was successfully carried out on 18 May 2017.

In 10 and 11 April 2018, the group had also provided trainers namely Mr. Tan Poh Aun and Mr Lim Sze Fook for the Air Pollution Assessment – Level 1 (Beginner) organized by ENSEARCH which had received good response from its members (13 pax). The group in association with SOx NOx Asia Sdn Bhd (ENSEARCH Corporate Member) had successfully carried out a training workshop entitled “Open Air (Free, Open Source Tools for Air Quality Monitoring Data)” on 13 March 2018.

For the coming period namely 2018/2019, the EAQTIG plans to organise a seminar on Continuous Emission Monitoring System (CEMS) for the affected industries which constitute parts of the Environmental Quality (Clean Air) Regulations 2014 requirements which shall be fully enforced in one (1) year time i.e. 2019 sometime in August 2018.

5.0 PRIME MINISTER'S HIBISCUS AWARD 2016/2017

The Prime Minister's Hibiscus Award, the premier National Environmental Award for business and industry in Malaysia, is marking its 21 years since first launched in 1996.

Throughout our long and illustrious history, the Award has the interest of the business community as its principal objective and has contributed to monumental changes that have driven the Malaysian sustainability and environmental landscape. Today, the Award gains the interest of the government, Multinational Corporations and Small Medium Enterprises representing over various industries in Malaysia.

The Award cycle 2016/2017 was officially launched by Minister of Natural Resources and Environment YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar on 6 October 2016. The participation of industries and businesses, for the Award has continued to be encouraging. For the current cycle, we received a total of 60 entries, an increase from 54 entries in the previous cycle.

The PMHA Environmental Journalism Award, now in its third cycle, continues to draws tremendous response with 27 entries compared to 18 previously. The quality of the entries was very commendable, reflecting the credible standard of environmental journalism among the Malaysian media.

The Award Presentation Ceremony for the 2016/2017 Prime Minister's Hibiscus Award was graced by YBhg. Dato' Nik Azman Nik Abd Majid, Director General of Economic Planning Unit, Prime Minister's Department, representing YAB Dato' Seri Dr. Ahmad Zahid Hamidi, Deputy Prime Minister on **Friday, 23 March 2018 at 6:30 p.m. at the Royale Chulan Kuala Lumpur.**

There were Exceptional Achievement Awards, Notable Achievement Awards, State Awards, Small and Medium Enterprise (SME) Award and Special Project Awards presented to the winning organisations.

6.0 MALAYSIA ENVIRONMENTAL NGOs (MENGO)

ENSEARCH is a member of MENGO, which is a coalition of 31 environmental NGOs committed towards enhancing the environmental sustainability agenda in Malaysia.

MENGO together with Traxx.fm has conducted over 12 interviews, featuring various Malaysian Environmental NGOs and their work. Estimated Total PR Value generated from these radio interview sessions are RM 52,470.

MENGO has joined CSO-SDG Alliance, taking part in discussions on sustainable development as a national agenda.

MENGO members have also attended and participated in the events below:

- Sustainability Summit 2017
- TN 50 x SDGs Forum 2017
- Heart of Borneo 2017
- International Conference on Environmental Sustainability 2018

7.0
AUDITED FINANCIAL STATEMENT
FOR THE YEAR ENDED
31 DECEMBER 2017

**ENVIRONMENTAL MANAGEMENT
AND RESEARCH ASSOCIATION OF
MALAYSIA**

Established in Malaysia
Under the section 7, Societies Act, 1966
Association No. 70/84 WP

**REPORT AND FINANCIAL STATEMENTS
FOR THE YEAR ENDED
31 DECEMBER 2017**

Environmental Management and Research Association of Malaysia
Established in Malaysia
Under the section 7, Societies Act, 1966
Association No. 70/84 WP

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Environmental Management and Research Association of Malaysia

Established in Malaysia

Under the section 7, Societies Act, 1966

Association No. 70/84 WP

STATEMENT BY COUNCIL MEMBERS

We, **Gobinathan Kumaran Nair** and **Jenny Tan Suat-Eam**, being the Hon. President and the Hon. Treasurer of Environmental Management and Research Association of Malaysia, do hereby declare that to the best of our knowledge and belief, the financial statements for the year ended 31 December 2017 set out on pages 5 to 20 have been properly drawn up in accordance with the basis of preparation and accounting policies disclosed in Note 3 to the financial statements.



Gobinathan Kumaran Nair



Jenny Tan Suat Eam

Date: 7 April 2018

Kuala Lumpur



**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS
PURSUANT TO ARTICLE 15 OF THE CONSTITUTION
ENVIRONMENTAL MANAGEMENT AND RESEARCH ASSOCIATION OF MALAYSIA
Established in Malaysia
Association No. 70/84 WP**

Opinion

We have audited the financial statements of **Environmental Management and Research Association of Malaysia ("ENSEARCH")**, which comprise the Statement of Financial Position as at 31 December 2017, and the Income and Expenditure Account and Statement of Cash Flows for the financial year then ended, and notes to the financial statements, including a summary of significant accounting policies, as set out on pages 5 to 20.

Council Members' responsibility for the financial statements

The Council Members of the Association are responsible for the preparation of financial statements that give a true and fair view in accordance with the basis of preparation and accounting policies disclosed in Note 3 to the financial statements, and for such internal controls as the Council Members determine are necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Basis for Opinion

We conducted our audit in accordance with approved standards on auditing in Malaysia and International Standards of Auditing. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Independence and Other Ethical Responsibilities

We are independent of the Association in accordance with the *By-Laws (on Professional Ethics, Conduct and Practice)* of the Malaysian Institute of Accountants ("By-Laws") and the International Ethics Board for Accountants *Code of Ethics for Professional Accountants* ("IESBA Code"), and we have fulfilled our other ethical responsibilities in accordance with the By-Laws and the IESBA Code.

(Continued on the next page)



**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS
PURSUANT TO ARTICLE 15 OF THE CONSTITUTION
ENVIRONMENTAL MANAGEMENT AND RESEARCH ASSOCIATION OF MALAYSIA
Established in Malaysia
Association No. 70/84 WP**

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements of the Association 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 approved standards of auditing in Malaysia and the International Standards of Auditing 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 approved standards on auditing in Malaysia and International Standards on Auditing, we exercise professional judgement and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements of the Association, 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 Association's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Council Members.
- Conclude on the appropriateness of the Council Members' 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 Association's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements of the Association 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 Association to cease to continue as a going concern.

(Continued on the next page)



**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS
PURSUANT TO ARTICLE 15 OF THE CONSTITUTION
ENVIRONMENTAL MANAGEMENT AND RESEARCH ASSOCIATION OF MALAYSIA
Established in Malaysia
Association No. 70/84 WP**

Auditor's Responsibilities for the Audit of the Financial Statements (Cont'd)

- Evaluate the overall presentation, structure and content of the financial statements of the Association 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 Council Members 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.

Other Matters

This report is made solely to the members of the Association, as a body, in accordance with Article 15 of the Constitution of the Association and for no other purpose. We do not assume any responsibility to any other person for the content of this report.

**Rabin & Associates
Firm Number: AF 1323
Chartered Accountants**

**Rabindra Singh Veriah
MIA Number: 3545
01220/11/18 J**

Kuala Lumpur

Date: 7 April 2018

Environmental Management and Research Association of Malaysia

Established in Malaysia

Under the Section 7, Societies Act, 1966

Association No. 70/84 WP

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2017

	Note	2017 RM	2016 RM
ASSETS			
Non current assets			
Plant and equipment	4	3,310	3,332
Trust funds	5	344,967	342,865
Total non current assets		<u>348,277</u>	<u>346,197</u>
Current assets			
Receivables	6	73,692	-
Sundry deposits and prepayments	7	16,450	15,450
Cash and bank balances		156,288	107,454
Total current assets		<u>246,430</u>	<u>122,904</u>
TOTAL ASSETS		<u>594,707</u>	<u>469,101</u>
Financed by:			
Excess of Income over Expenditure			
Balance brought forward		403,256	434,083
Excess/(Shortfall) of income over expenditure for the year		63,836	(30,827)
Total funds		<u>467,092</u>	<u>403,256</u>
Current liabilities			
Subscriptions and admission fees in advance		1,550	10,375
Other payables and accruals	8	126,065	55,470
Total current liabilities		<u>127,615</u>	<u>65,845</u>
TOTAL LIABILITIES AND FUNDS		<u>594,707</u>	<u>469,101</u>

The accompanying notes form an integral part of the financial statements

Environmental Management and Research Association of Malaysia

Established in Malaysia

Under the Section 7, Societies Act, 1966

Association No. 70/84 WP

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 DECEMBER 2017

	Note	2017 RM	2016 RM
<u>Income</u>			
Ensearch subscriptions	9	79,025	76,475
Income from activities	10	455,175	355,628
Interest income from fixed deposits		-	1,906
Office rental income	11	42,500	64,800
Other income	12	12,000	15,355
Representation fee EPIC		2,710	-
		<u>591,410</u>	<u>514,164</u>
<u>Expenditure</u>			
Advertisement		-	1,737
AGM meeting cost		1,500	2,241
Allowance for doubtful debts		10,925	6,925
Audit and accounting fees		6,864	20,650
Bad debts written off		-	8,000
Bank charges		176	277
Currency exchange difference		607	-
Depreciation of plant and equipment		2,771	3,775
Donation and gift		440	57
Equipment rental		2,290	2,290
Expenditure from activities	10	231,904	234,461
Insurance		2,320	5,176
License fee		335	335
Office cleaning and maintenance		6,646	6,823
Office rental		71,600	67,200
Other expenses		289	-
Printing, stationery, postage, courier and shipping		6,203	6,051
Professional fee		5,300	-
Reversal of allowance for doubtful debts		-	(9,705)
Secretarial fees		-	4,463
Staff costs	13	159,415	163,076
Stamping fees		641	292
Subscription fee and registration fee		100	726
Travelling and transport charges		1,515	4,349
Utilities	14	13,691	14,242
Web expenses		2,042	1,550
		<u>(527,574)</u>	<u>(544,991)</u>
		<u>63,836</u>	<u>(30,827)</u>
Tax expense	15	-	-
Excess/(Shortfall) of Income over expenditure for the year		<u><u>63,836</u></u>	<u><u>(30,827)</u></u>

The accompanying notes form an integral part of the financial statements

Environmental Management and Research Association of Malaysia

Established in Malaysia

Under the Section 7, Societies Act, 1966

Association No. 70/84 WP

STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 31 DECEMBER 2017

	2017 <u>RM</u>	2016 <u>RM</u>
Cash flows from operating activities		
Excess/(Shortfall) of income over expenditure for the year	63,836	(30,827)
<i>Adjustments for:</i>		
Depreciation of plant and equipment	2,771	3,775
Interest income	-	(1,906)
Excess/(Shortfall) for the year before working capital changes	<u>66,607</u>	<u>(28,958)</u>
<i>Adjustments for working capital changes:</i>		
Receivables	(74,692)	4,146
Payables	61,770	16,830
Net cash generated from/(used in) operating activities	<u>53,685</u>	<u>(7,982)</u>
Cash flows from investing activity		
Purchase of plant and equipment	(2,749)	(2,250)
Net cash used in investing activity	(2,749)	(2,250)
Cash flows from financing activities		
Loan from KKEF	(90,000)	-
Interest received	-	1,906
Net cash (used in)/generated from financing activities	<u>(90,000)</u>	<u>1,906</u>
Net changes in cash and cash equivalents	<u>(39,064)</u>	<u>(8,326)</u>
Cash and cash equivalents at beginning of year	<u>450,319</u>	<u>458,645</u>
Cash and cash equivalents at end of year	<u><u>411,255</u></u>	<u><u>450,319</u></u>
Analysis of cash and cash equivalents		
Trust fund		
- Cash at bank	26,727	342,865
- Fixed deposits	228,240	-
Cash and bank balances	<u>156,288</u>	<u>107,454</u>
	<u><u>411,255</u></u>	<u><u>450,319</u></u>

The accompanying notes form an integral part of the financial statements

Environmental Management and Research Association of Malaysia

Established in Malaysia

Under the Section 7, Societies Act, 1966

Association No. 70/84 WP

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

1. GENERAL INFORMATION

1.1 Principal activities

The principal activities of the Association is to contribute, through the conduct of training, seminars, publications and participation in projects, to the development of means to protect and enhance the quality of the environment in Malaysia.

1.2 Number of employees

The number of employees in the Association at the end of the financial year was 3 (2016: 3).

1.3 Legal form and domicile

The Association is established and domiciled in Malaysia.

1.4 Principal place of operations

The address of the principal place of operations is as follows:-

Principal place of operation

No. 30-3, Jalan PJU 5/16
Dataran Sunway, Kota Damansara
47810 Petaling Jaya
Selangor Darul Ehsan

1.5 Authorisation for issue

The financial statements were authorised for issue by the Council Members in accordance with a resolution of the Council passed on the date indicated in the Statement by Council Members.

(The remainder of this page has been intentionally left blank for presentation purposes)

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

2. BASIS OF PREPARATION

2.1 Statement of compliance

The financial statements of the Association have been prepared in accordance with the basis of preparation and accounting policies as included in Note 3 to the financial statements.

2.2 Basis of measurement

The financial statements have been prepared on the historical cost basis unless otherwise stated in Note 3.

2.3 Functional currency

These financial statements are presented in Ringgit Malaysia (RM), which is the Association's functional currency.

2.4 Use of estimates and judgement

The preparation of financial statements requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised and in any future periods affected.

There are no significant areas of estimation uncertainty and critical judgements in applying accounting policies that have significant effect on the amounts recognised in the financial statements.

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Environmental Management and Research Association of Malaysia

Established in Malaysia

Under the Section 7, Societies Act, 1966

Association No. 70/84 WP

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

3. SIGNIFICANT ACCOUNTING POLICIES

The accounting policies set out below have been applied consistently to all periods presented in these financial statements, unless otherwise stated.

3.1 Plant and equipment

(i) Recognition and measurement

Plant and equipment are stated at cost less accumulated depreciation and impairment losses.

Cost includes expenditures that are directly attributable to the acquisition of the asset. The cost of self-constructed assets includes the cost of materials and direct labour, any other costs directly attributable to bringing the asset to working condition for its intended use, and the costs of dismantling and removing the items and restoring the site on which they are located. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

When significant parts of an item of plant and equipment have different useful lives, they are accounted for as separate items (major components) of plant and equipment.

Gains and losses on disposal of an item of plant and equipment are determined by comparing the proceeds from disposal with the carrying amount of plant and equipment and are recognised net within "other income" or "other operating expenses" respectively in the income and expenditure account.

(ii) Subsequent costs

The cost of replacing part of an item of plant and equipment is recognised in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Company and its cost can be measured reliably. The costs of the day-to-day servicing of plant and equipment are recognised in the income and expenditure account.

(iii) Depreciation

Depreciation is based on the cost of an asset less, its residual value. Significant components of individual assets are assessed and if a component has a useful life that is different from the remainder of the asset, then that component is depreciated separately.

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

3. SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

3.1 Plant and equipment (Cont'd)

(iii) Depreciation (Cont'd)

Depreciation is recognised in the income and expenditure account on a straight-line basis over the estimated useful lives of each part of an item of plant and equipment from the date that they are available for use.

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

Office equipments	- 25%
Furniture and fittings	- 25%
Renovation	- 25%

If there is an indication that there has been a significant change since the previous financial year end in the pattern in which the Company expects to consume an asset's future economic benefits, the Company would review its present depreciation methods and, if current expectations differ, the Company would amend the residual value, depreciation method or useful life to reflect the new pattern.

3.2 Financial instruments

3.2.1 Initial recognition and measurement

A financial asset or a financial liability is recognised in the statement of financial position when, and only when, the Company becomes a party to the contractual provisions of the instrument.

A financial instrument is recognised initially at the transaction price (including transaction costs except in the initial measurement of a financial asset or financial liability that is measured at fair value through profit or loss) unless the arrangement constitutes, in effect, a financing transaction. If the arrangement constitutes a financing transaction, the financial asset or financial liability is measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument.

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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

3. SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

3.2 Financial instruments (Cont'd)

3.2.2 Subsequent measurement

Debt instruments that are classified as current assets or current liabilities are measured at the undiscounted amount of cash or other consideration expected to be paid or received unless the arrangement constitutes, in effect, a financing transaction.

Debt instruments that meet the following conditions are measured at amortised cost using the effective cost method:

- a. returns to the holder are determinable, e.g. a fixed amount and / or variable rate of return benchmark against a quoted or observable interest rate;
- b. there is no contractual provision that could result in the holder losing the principal amount or any interest attributable to the current or prior periods;
- c. prepayment option, if any, is not contingent on future events.

Investments in non-puttable ordinary shares, and investments in non-convertible and non-puttable preference shares are measured at cost less impairment, unless the shares are publicly traded, or their fair value can otherwise be measured reliably, in which case, the investments are measured at fair value with changes in fair value recognised in the income and expenditure account.

3.2.3 Derecognition

A financial liability or a part of it is derecognised when, and only when, the obligation specified in the contract is discharged or cancelled or expires. On derecognition of a financial liability, the difference between the carrying amount of the financial liability extinguished or transferred to another party and the consideration paid, including any non-cash assets transferred or liabilities assumed, is recognised in the income and expenditure account.

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Environmental Management and Research Association of Malaysia

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Association No. 70/84 WP

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

3. SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

3.2 Financial instruments (Cont'd)

3.2.3 Derecognition (Cont'd)

A financial asset or part of it is derecognised when, and only when, the contractual rights to the cash flows from the financial asset expire or are settled, or control of the asset is not retained or substantially all the risks and rewards of ownership of the financial asset are transferred to another party. On derecognition of a financial asset, the difference between the carrying amount and the sum of the consideration received (including any newly created rights and obligations), is recognised in the income and expenditure account.

3.3 Cash and cash equivalents

Cash and cash equivalents consist of cash in hand, balances and deposits with banks and highly liquid investments which have an insignificant risk of changes in value. For the purpose of the cash flow statement, cash and cash equivalents are presented net of bank overdrafts and pledged deposits, if any.

3.4 Equity Instruments

Ordinary shares are classified as equity. Instruments classified as equity are measured at cost on initial recognition and are not remeasured subsequently.

3.5 Provision

A provision is recognised if, as a result of a past event, the Company has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation.

Provisions are determined by discounting the expected future cash flows at pre-tax rate that reflects the market assessments of the time value of money and the risks specific to the liability. The unwinding of the discounting is recognised as finance cost.

3.6 Revenue

(i) Subscription income

Subscription income is recognised when the right to receive is established.

Environmental Management and Research Association of Malaysia

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Under the Section 7, Societies Act, 1966

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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

3. SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

3.6 Revenue (Cont'd)

(ii) Income from activities

Income and expenditure arising on seminars and projects are recognised upon the seminars and projects being conducted.

(iii) Interest income

Interest income is recognised as it accrues, using the effective interest method.

(iv) Office rental income

Revenue from rental of office is recognised progressively over the term of the lease.

3.7 Tax expense

Income tax expense comprises current and deferred tax. Income tax expense is recognised in the income and expenditure account.

Current tax is the expected tax payable on the taxable income for the financial period, using tax rates enacted or substantially enacted by end of the reporting period, and any adjustment to tax payable in respect of previous financial years.

Deferred tax is recognised using the liability method, providing for temporary differences between the carrying amounts of assets and liabilities in the statement of financial position and their tax bases. Deferred tax is not recognised for the initial recognition of assets or liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profit or loss. Deferred tax is measured at the tax rates that are expected to be applied to the temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same authority on the same taxable entity.

A deferred tax asset is recognised to the extent that it is probable that future taxable profits will be available against which temporary difference can be utilised. Deferred tax assets are reviewed at the end of each reporting period and are reduced to the extent that it is no longer probable that the related tax benefit will be realised.

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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

4. PLANT AND EQUIPMENT

	Office equipment RM	Furniture and fittings RM	Renovation RM	Total RM
<u>Cost</u>				
At 1 January 2017	73,944	99,488	74,044	247,476
Addition	2,749	-	-	2,749
At 31 December 2017	76,693	99,488	74,044	250,225
<u>Accumulated depreciation</u>				
At 1 January 2017	72,257	99,488	72,399	244,144
Charge for the year	1,126	-	1,645	2,771
At 31 December 2017	73,383	99,488	74,044	246,915
<u>Net book value</u>				
At 31 December 2017	3,310	-	-	3,310
At 31 December 2016	1,687	-	1,645	3,332
<u>Depreciation charge for the year ended</u>				
31 December 2016	2,130	-	1,645	3,775

Detailed listing of the plant and equipment are included in Appendix I to Appendix III.

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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

5. TRUST FUNDS

	2017	2016
	<u>RM</u>	<u>RM</u>
<u>Fixed deposits with licensed financial institutions</u>		
K. Kumarasivam Endowment Fund Trust Fund ("KKEF")	134,960	-
CPCN	93,280	-
	228,240	-
<u>Cash at bank</u>		
K. Kumarasivam Endowment Fund Trust Fund ("KKEF")	22,167	248,305
CPCN Trust Fund	4,560	94,560
	26,727	342,865
Loan for operations of ENSEARCH	90,000	-
	<u>344,967</u>	<u>342,865</u>

The interest rates of fixed deposits ranged from 2.85% to 3.00% (2016: 2.85% to 3.00%) per annum and the average maturity period was 12 months. The fixed deposits were withdrawn during the year.

The trust funds represent available funds, the utilisation of which are for specific projects and hence, are not available for use by ENSEARCH otherwise.

The loan for ENSEARCH was interest free and repayable upon completion of APRSCP project.

6. RECEIVABLES

	2017	2016
	<u>RM</u>	<u>RM</u>
Members subscription receivables	73,692	14,925
<u>Less: Bad debts</u>	-	(8,000)
: Impairment of debts	-	(6,925)
	73,692	-
	<u>73,692</u>	<u>-</u>

a. Members who do not pay their membership subscription within two years are deregistered.

b. Subscriptions receivable from members represent the primary concentration of credit risk of the Association.

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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

7. SUNDRY DEPOSITS AND PREPAYMENT

	2017	2016
	<u>RM</u>	<u>RM</u>
Deposits	16,450	15,450

8. OTHER PAYABLES AND ACCRUALS

	Note	2017	2016
		<u>RM</u>	<u>RM</u>
Other payables		12,600	-
Loan from KKEF	a	90,000	-
		<u>102,600</u>	-
Accruals for :			
Small Grants Programme		-	27,716
Other accruals		5,500	11,554
Tenancy deposit payable		17,965	16,200
		<u>23,465</u>	<u>55,470</u>
		<u>126,065</u>	<u>55,470</u>

Note a : The loan from KKEF is unsecured, interest free and is repayable upon completion of APRSCP project.

9. ENSEARCH SUBSCRIPTIONS

	2017	2016
	<u>RM</u>	<u>RM</u>
Individual members	26,750	21,500
Individual members - Sabah	-	2,400
Corporate members	50,000	49,000
Student members	225	175
Admission fees	2,050	3,400
	<u>79,025</u>	<u>76,475</u>

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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

10. INCOME AND EXPENDITURE FROM ACTIVITIES

	2017		2016			
	Income RM	Expenditure RM	Net Income /(Deficit) RM	Income RM	Expenditure RM	Net Income /(Deficit) RM
Trust fund activities						
K. Kumarasivam Endowment Fund	2,000	-	2,000	-	4	(4)
CPC Network	-	-	-	-	24	(24)
Interest income	8,940	-	8,940	9,199	-	9,199
Total income and expenditure from trust fund activities	10,940	-	10,940	9,199	28	9,171
Other activities						
Training courses	54,210	33,884	20,326	69,500	32,675	36,825
SEM Conference	-	-	-	146,710	79,496	67,214
Small Grants Programme	-	-	-	104,323	80,323	24,000
APRSCP Project	372,575	179,794	192,781	-	25,961	(25,961)
Forum and other events	17,450	18,226	(776)	25,896	15,978	9,918
Total income and expenditure from other activities	444,235	231,904	212,331	346,429	234,433	111,996
	455,175	231,904	223,271	355,628	234,461	121,167

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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

11. OFFICE RENTAL INCOME

	2017	2016
	<u>RM</u>	<u>RM</u>
Rental income received from:		
- Red Auto Studio	-	64,800
- Vtrad Ventures Sdn Bhd	42,500	-
	<u>42,500</u>	<u>-</u>

12. OTHER INCOME

	2017	2016
	<u>RM</u>	<u>RM</u>
Donation	12,000	12,000
Miscellaneous income	-	3,355
	<u>12,000</u>	<u>15,355</u>

13. STAFF COSTS

	2017	2016
	<u>RM</u>	<u>RM</u>
Amenities and medical	2,831	2,455
Basic salaries and allowances	133,016	127,323
Bonus and incentive	4,000	13,713
Employees' Provident Fund (EPF)	17,319	17,542
SOCSSO	2,249	2,043
	<u>159,415</u>	<u>163,076</u>

14. UTILITIES

	2017	2016
	<u>RM</u>	<u>RM</u>
Electricity charges (Tenaga Nasional Berhad)	4,410	5,417
Sewerage charges (Indah Water Konsortium)	407	395
Telephone charges	7,997	7,435
Water charges (Jabatan Bekalan Air)	877	995
	<u>13,691</u>	<u>14,242</u>

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

15. TAX EXPENSE

	2017	2016
	<u>RM</u>	<u>RM</u>
Current tax		
- Current tax	-	-

A reconciliation of the statutory tax rate to the effective tax rate applicable to excess/(shortfall) of income over expenditure for the year before taxation is as follows:-

	2017	2016
	<u>RM</u>	<u>RM</u>
Excess/(Shortfall) of income over expenditure for the year	63,836	(30,827)
Tax at the corporate tax rate of 24%	13,659	(7,398)
Tax exempted income (net)	(11,711)	(9,844)
Non-deductible expenses	1,140	1,183
Unabsorbed losses carried forward	-	16,059
Utilisation of tax loss	(3,088)	-
Tax expense for the year	-	-

The Council is of the opinion that the subscription income of the Association is tax-exempted under section 53 of the Income Tax Act 1967 pertaining to Income Tax (Exemption) (No. 19) Order 2005.

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**ENVIRONMENTAL MANAGEMENT
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MALAYSIA**

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**DETAILED LISTING OF PLANT AND EQUIPMENT
FOR THE YEAR ENDED
31 DECEMBER 2017**

Environmental Management and Research Association of Malaysia

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APPENDIX I

The detailed listing of plant and equipment are as included below.

	<u>Cost</u>	<u>Additions</u>	<u>Write off</u>	<u>Accumulated</u> <u>depreciation</u>	<u>Net book</u> <u>value</u>	<u>Current</u> <u>depreciation</u>
	<u>RM</u>	<u>RM</u>	<u>RM</u>	<u>RM</u>	<u>RM</u>	<u>RM</u>
<u>Office equipment</u>						
Air-cond National (3)	2,000	-	-	2,000	-	-
Air-cond York (Big)	2,350	-	-	2,350	-	-
Air-cond York (Small)	1,000	-	-	1,000	-	-
Electronic typewriter	1,000	-	-	1,000	-	-
Keetle	200	-	-	200	-	-
Power supply (2)	1,000	-	-	1,000	-	-
Slide projector	3,750	-	-	3,750	-	-
Panasonic phone	381	-	-	381	-	-
Panasonic phone	360	-	-	360	-	-
Hitachi air conditioner	3,490	-	-	3,490	-	-
MS Windows 98	750	-	-	750	-	-
MS Office 2000	1,800	-	-	1,800	-	-
Digital camera	1,926	-	-	1,926	-	-
Door bell	75	-	-	75	-	-
Laminating machine	390	-	-	390	-	-
Display cabinet	790	-	-	790	-	-
LaserJet printer	841	-	-	841	-	-
York air cond	2,750	-	-	2,750	-	-
Microsoft office license	3,545	-	-	3,545	-	-
Office & Window license	1,710	-	-	1,710	-	-
Office & Sound card	740	-	-	740	-	-
Projectors	280	-	-	280	-	-
Router	190	-	-	190	-	-
Adobe Acrobat Reader	1,150	-	-	1,150	-	-
PC Intel Pentium	3,100	-	-	3,100	-	-
Notebook IBM	4,665	-	-	4,665	-	-
Brother fax machine	1,000	-	-	1,000	-	-
HP desktop computer	1,650	-	-	1,650	-	-
HP LaserJet	1,248	-	-	1,248	-	-
HP Scan Jet	288	-	-	288	-	-
ACER LCD monitor	-	-	-	-	-	-
DVDRW writer drive	440	-	-	440	-	-
Computer accessories	1,103	-	-	1,103	-	-
MS Office	1,640	-	-	1,640	-	-
MS Window	527	-	-	527	-	-
Wifi adapter	90	-	-	90	-	-
Office Software	4,000	-	-	4,000	-	-
Balance c/f	52,219	-	-	52,219	-	-

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APPENDIX II

	<u>Cost</u>	<u>Additions</u>	<u>Write off</u>	<u>Accumulated</u>	<u>Net book</u>	<u>Current</u>
	<u>RM</u>	<u>RM</u>	<u>RM</u>	<u>depreciation</u>	<u>value</u>	<u>depreciation</u>
				<u>RM</u>	<u>RM</u>	<u>RM</u>
<u>Office equipment (cont'd)</u>						
Balance b/f	52,219	-	-	52,219	-	-
Dell Vostro 3460 Notebk	3,550	-	-	3,550	-	-
Vostro 260st Desktop (3)	7,155	-	-	7,155	-	-
Epson Projector	2,500	-	-	2,500	-	-
Dell Vostro 3460 Notebk	3,350	-	-	3,350	-	-
Dell Vostro i5-3470s Notebk	2,920	-	-	2,920	-	-
Panasonic 2HP air conditioner	2,250	-	-	1,126	1,124	563
Vacuum Cleaner		850		89	761	89
MYOB Accounting software		1,899		474	1,425	474
	<u>73,944</u>	<u>2,749</u>	<u>-</u>	<u>73,383</u>	<u>3,310</u>	<u>1,126</u>

Environmental Management and Research Association of Malaysia

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APPENDIX III

	Cost	Additions	Write off	Accumulated depreciation	Net book value	Current depreciation
	RM	RM	RM	RM	RM	RM
<u>Furniture and fittings</u>						
Cabinet, rack, table and chair	87,674	-	-	87,674	-	-
Signboard	1,500	-	-	1,500	-	-
Blinds	1,000	-	-	1,000	-	-
Pantry cupboard	180	-	-	180	-	-
Waiting room sofa	360	-	-	360	-	-
6" Executive table (2 units)	380	-	-	380	-	-
Table	290	-	-	290	-	-
Wall Fan (2units)	180	-	-	180	-	-
Door intercom unit	140	-	-	140	-	-
16" conference table	600	-	-	600	-	-
Banquet chairs	779	-	-	779	-	-
Panasonic key phone	500	-	-	500	-	-
Serve rack	200	-	-	200	-	-
Mobile compactors	250	-	-	250	-	-
Executive chairs	45	-	-	45	-	-
Office partition	600	-	-	600	-	-
Mobile pedestal	40	-	-	40	-	-
Foldable table	592	-	-	592	-	-
Writing desk	260	-	-	260	-	-
Mobile pedestal	379	-	-	379	-	-
President chair	290	-	-	290	-	-
Shape table	505	-	-	505	-	-
Round table	164	-	-	164	-	-
Steel cabinet	280	-	-	280	-	-
Presidential chair	240	-	-	240	-	-
Mediumback chair	1,100	-	-	1,100	-	-
L-shape office table	590	-	-	590	-	-
3-drawer mobile pedestal	150	-	-	150	-	-
Low cabinet	220	-	-	220	-	-
	99,488	-	-	99,488	-	-
<u>Renovation</u>						
Renovation	46,638	-	-	46,638	-	-
Office renovation	20,826	-	-	20,826	-	-
Renovation - painting	6,580	-	-	6,580	-	1,645
	74,044	-	-	74,044	-	1,645
Total Plant and Equipment	247,476	2,749	-	246,915	3,310	2,771

**Report from the Honorary Internal Auditors' to the Members of
Environmental Management and Research Association of Malaysia**

We have examined the Financial Statements set out on pages 5 to 20 and have obtained all the information's and explanations we require. In our opinion, the Financial Statement given are true and fair view of the financial position of the Association as at 31st December 2017.



Ir MAZURA MAZLAN
Hon. Internal Auditor



JOEL LAWRENCE JAYASUNTHAR
Hon. Internal Auditor

Dated : 16th APRIL 2018

8.0 SNAPSHOTS

HRDF – Train The Trainers Training



HRDF Train the Trainer – Examination in progress..tense moments

Environmental Drones for Beginners



Complimentary Drones were given to Participants to practice on. See the surprised and happy faces?

Utilization of Drones / Unmanned Aerial Vehicles (UAV) in Environmental Management Seminar



Lots of sharing of experiences. Here is, Dr. Ir. Casey Ngo speaking on the Langat River Catchment – A New Perspective on Water Management



More than 80 participants came, the early ones got the best seats!

CONFERENCE SNAPSHOTS



ENVIRONMENTAL MANAGEMENT
AND RESEARCH ASSOCIATION OF MALAYSIA

13th ASIA PACIFIC ROUNDTABLE ON SUSTAINABLE CONSUMPTION AND PRODUCTION (APRSCP)

ENABLING SUSTAINABLE CONSUMPTION & PRODUCTION
TOWARDS ACHIEVING GREEN GROWTH

24 - 26 OCTOBER 2017 @ MITC, Melaka, Malaysia

Co-Hosted By

APRSCP



SUSTAINABLE
CONSUMPTION
& PRODUCTION



Official opening by YAB Datuk Seri Utama Ir. Haji Idris Bin Haji Haron, Hon. Chief Minister Melaka



Booth visit by YAB Datuk Seri Utama Ir. Haji Idris Bin Haji Haron, Hon. Chief Minister Melaka with President of ENSEARCH Mr Gobinathan Kumaran Nair and President of APRSCP Board Ms Lakshmi Dewanti



YAB Datuk Seri Utama Ir. Haji Idris Bin Haji Haron, while signing the VIP Guest Book assisted by President and Hon. Sec. Gen of ENSEARCH and Chairperson of 13th APRSCP Dato' Halimah Hassan



Day 2 : Opening keynote address by Dato' Sr. Dr. Azimuddin Bin Bahari, Hon. Deputy Secretary General, Ministry of Natural Resources & Environment (NRE)



Booth visit by Dato' Sr. Dr. Azimuddin Bin Bahari, Hon. Deputy Secretary General, Ministry of Natural Resources & Environment (NRE)



VIPs', Speakers, Local & International Delegates at Conference Hall, MITC Melaka.



Group photo session with Guest of Honour Melaka State Executive Council, delegates and Cultural Dance Performers



Press Meet session with Chief Minister Melaka, President of ENSEARCH and Chairperson of 13th APRSCP



Day 3 : Technical Field Visit to Environmental Preservation and Innovation Centre (EPIC) & Hazardous Waste Management Facility at Kualiti Alam



ENSEARCH acknowledged Tex Cycle (M) Sdn Bhd for their Exceptional Performance in Environmental Protection and Management



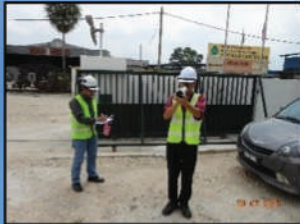
SOx NOx ASIA SDN BHD (865 994-K)

Air Quality and Odour Management Specialist



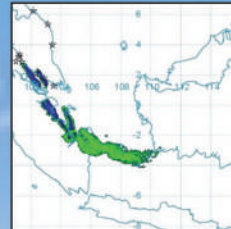
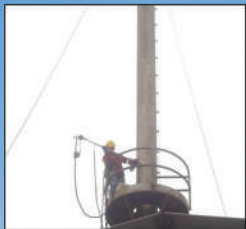
01 AIR DISPERSION MODELLING (ADM)

Our assessment is based on established air quality model softwares to suit the objective of the air pollution dispersion study which are mainly promulgated and approved USEPA air quality models.



03 AIR QUALITY MANAGEMENT (AQM)

In Air Quality Management, we provide professional advice and consultation on managing the air quality of the project site. This special study requires special customization depending to the client objectives.



05 ENVIRONMENTAL PERMITTING

We help client to obtain environmental permitting from DOE which includes: Preliminary Site Assessment (Penilaian Awal Tapak, PAT) Environmental Impact Assessment (EIA) Environmental Assessment (EA)



Mr. Tan Poh Aun

5-3, Jalan USJ 21/6

47630 Subang Jaya

Selangor

Tel: +603-8081 7100

07 CAPACITY-BUILDING

We provide various training modules that cover ambient air quality monitoring, air quality modelling & assessment, odour sampling, modelling & assessment and also environmental noise assessment.

02 ODOUR MEASUREMENT, MODELLING & ASSESSMENT

We perform ambient Odour Sampling and Determination (OSD) using Nasal Ranger® Field Olfactometer and also work together with established Dynamic Olfactometry laboratories available in Malaysia for source Odour Sampling and Determination.

04 STACK EMISSION & AMBIENT AIR QUALITY MONITORING

Stack emission monitoring and ambient air quality monitoring have become the routine for process plant regulated by Department of Environment (DOE) to make available the periodic monitoring report. The report aims to determine compliance with relevant regulatory requirements and standards, as well as compliance to EIA approval conditions and Prescribed Premises License Compliance Schedule.

06 INDOOR AIR QUALITY (CORPORATE)

We perform study on the air quality within and around buildings and structure which relates to the existing air quality. Indoor Air Quality Measurement includes Respirable Dust Particulates (Particle range from 0.1 µm to 10 µm) using a portable dust detector i.e. DUSTTRAX II Aerosol Monitor or equivalent (this measurement exercise is not in accordance to the Department of Occupational Safety and Health (DOSH) for indoor air quality measurement).



**ENVIRONMENTAL MANAGEMENT AND
RESEARCH ASSOCIATION OF MALAYSIA**

(70 / 84 WP)

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