



Sarawak
Biodiversity Centre

ANNUAL REPORT
2024



COVER DESCRIPTION

Dried biomass from the blue-green Spirulina species is a high-value resource which contains up to 60% protein, enriched with amino acids and antioxidant-rich phycocyanin. Its resilience to alkaline water and high salinity makes this robust microalga a future-ready solution for innovative food and feed applications.

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Foreword from the Chairman of the Sarawak Biodiversity Council

It is with great pleasure that the Sarawak Biodiversity Council presents to you the 2024 Annual Report of the Council. This report is an inaugural report since I took over as Chairman of the Council last year, which highlights what the biodiversity and conservation science delivers for conservation of our diverse plants and ecosystems, and engagement of visitors with our natural attractions to foster a more sustainable relationship between people and nature.

Indeed, the Sarawak Biodiversity Centre (SBC) has come a long way since its establishment - 26 years of documentation, research and innovation, we highlight the progress made in understanding and protecting the rich biodiversity of Sarawak and SBC invites you to explore this impactful work undertaken in 2024 and join us in our commitment to safeguarding our natural heritage for future our generations.

To remain aligned with future global developments, SBC focus on developing key future skills, integrating sustainable practices via frameworks like the Sustainable Development Goals (SDG) and improving biodiversity governance and coordination through collaborative platforms. For that, SBC participated in the 16th Meeting of the Conference of the Parties to the Convention on Biological Diversity (CBD COP16), held in Cali, Colombia in 2024. This involvement underscores our commitment in representing Sarawak on the international level while fulfilling our responsibility to protect and preserve the biodiversity as well as safeguarding the rights of our indigenous communities.

On this note, I would like to extend my warmest congratulations to our newly appointed Council members, Datu Lester Matthew, the Director of Economic Planning Unit Sarawak and Dr Veronica Lughah, the Director of the Ministry of Health Sarawak. I wish to express my sincerest gratitude to YB Datuk Amar Haji Mohamad Abu Bakar Bin Marzuki, Sarawak State Secretary, for his leadership as Chairman of the Council since 2022 and to Professor Datu Dr Andrew Kiyu Dawie, Professor of Public Health, Faculty of Medicine and Health Sciences, University Malaysia Sarawak (UNIMAS) for his valued contributions as a Council member since 2020.

As the chairman of SBC, I invite you to find out more about SBC's interesting initiatives and development in the report. Thank you for journeying with us through 2024 and I hope you continue to do so as we grow from strength to strength, and on that note, I wish to acknowledge and commend the significant achievements made by SBC over the years - accomplishment made possible through the commitment, expertise, and teamwork of its dedicated staff.



YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel
Chairman, Sarawak Biodiversity Council



CORPORATE INFORMATION

Corporate Information

Statutory Provisions: Sarawak Biodiversity Centre Ordinance, 1997

The Sarawak Biodiversity Centre (SBC) is established as a Statutory Body under the Sarawak Biodiversity Centre Ordinance, 1997. The Centre's initial role was primarily focused on inventory and regulatory functions, acting as the gatekeeper to Sarawak's rich biodiversity for those seeking access to and collection of biological resources for research or commercial purposes. This role was formalised with the enactment of the Sarawak Biodiversity Regulations in 1998.

In December 2003, the State Legislative Assembly passed the Sarawak Biodiversity Centre (Amendment) Ordinance 2003 and revised the Sarawak Biodiversity Regulations in 2004. These amendments shifted the Centre's focus from general biodiversity inventory and regulation to initiating intensive biotech research and development, particularly on resources utilised by indigenous communities.

The Centre was tasked with documenting the rapidly disappearing traditional knowledge of these communities. In 2014, the State Legislative Assembly further strengthened the rules and procedures on Access and Benefit Sharing by passing the Sarawak Biodiversity Ordinance (Amendment) 2014.

Core Functions

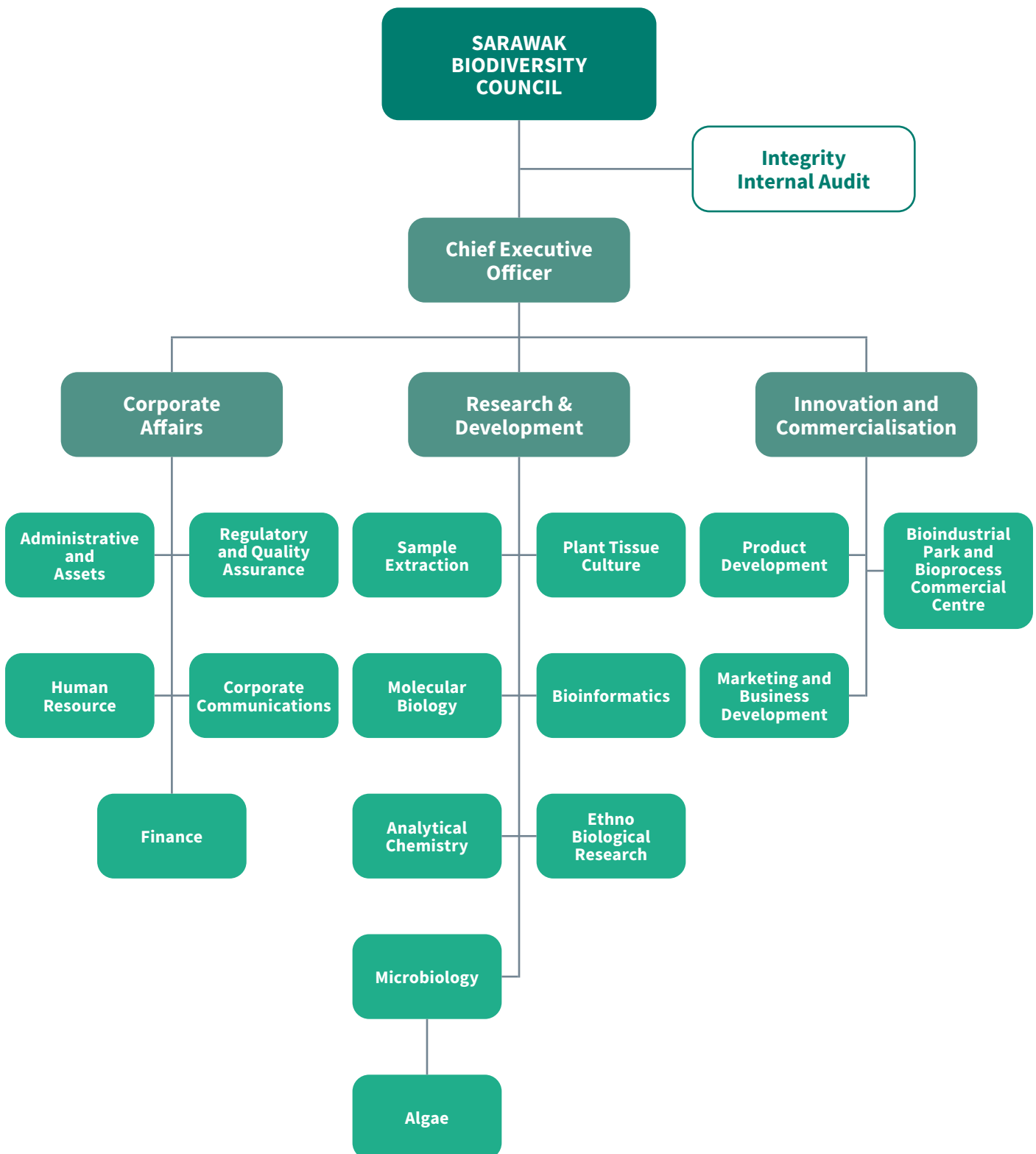
SBC is entrusted with the following statutory functions:

- to provide facilities for Research and Development (R&D);
- to commercialise SBC's R&D discoveries;
- to establish and maintain a database on information related to the biological resources of Sarawak;
- to implement the Traditional Knowledge Documentation Programme among the ethnic communities in Sarawak;
- to regulate biodiversity related research with commercial potential through the Research Permit System;
- to conduct bioprospecting or R&D on the biodiversity of Sarawak, and maintain a library of extracts for R&D;
- to implement Prior Informed Consent (PIC) and ensure that the traditional knowledge in relation to the biological resources is obtained and a benefit sharing is carried out based on agreed terms; and
- network with organisations with similar interests and to carry out biodiversity-biotechnology awareness and appreciation programmes.

In 2018, SBC was mandated to establish and manage the Sarawak Bioindustrial Park and the SBC Bioprocess Commercial Centre at Samarahan, as well as a 20-acre land for commercial farming. In 2027, 100 hectares microalgae production facility at Gedong will be built at Samarahan for economic rationality and environmental sustainability.

Corporate Information

Organisation Structure



Corporate Information



Sarawak
Biodiversity Centre



Our Vision

**Enriching Lives with Breakthrough
Innovations in Biodiversity**



Our Mission

**To Decode Biodiversity for the
Benefit of Sarawak**



Tagline

Biodiversity for a Better Tomorrow

Client's Charter

General Public

- To respond to general enquiries on biodiversity, biotechnology and bioprospecting, SBC and related activities within 7 working days.
- To prepare answers to oral and written questions brought up in the State Legislative Assembly within 14 working days upon receiving the questions/official instructions.
- To prepare and submit speeches for Ministers and other dignitaries within 14 working days of receiving official instructions.
- To process and make payment to creditors upon receipt of original invoice, within 14 working days.

Research Community

- To respond to enquiries applications to carry out biodiversity research in Sarawak within 7 working days.
- To process research applications and seek approval from the Sarawak Biodiversity Council within 30 working days from the date the application is completed.
- To prepare the research agreement and necessary permits for signing within 14 working days after application is approved.

Corporate Information

SARAWAK BIODIVERSITY COUNCIL

CHAIRMAN



YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel

*Deputy State Secretary Sarawak
(Economic Planning and Development)*

DEPUTY CHAIRMAN



YBhg Dato Haji Azmi Bin Haji Bujang

*Permanent Secretary, Ministry of Education,
Innovation and Talent Development
2022 - 2024*



Tuan Haji Adana Bin Haji Jed

*Permanent Secretary, Ministry of Education,
Innovation and Talent Development
w.e.f. June 2024*

SECRETARY



YBhg Dato Dr Yeo Tiong Chia

*Chief Executive Officer,
Sarawak Biodiversity Centre*

MEMBERS



**Yang Arif Dato Sri
Saferi Bin Ali**

State Attorney General



**YBhg Dato Sri Dr Wan
Lizozman Bin Wan Omar**

State Financial Secretary



**YBhg Dato Haji
Abdullah Bin Haji Julaihi**

*Permanent Secretary,
Ministry of Natural Resources
and Urban Development*



YBhg Dato Lester Matthew

*Director,
(Economic Planning Unit, Sarawak,
Department of the Premier Sarawak)*



**YBhg Dato Hamden Bin Haji
Mohammad**

*Director of Forests,
Sarawak*



Mr Dominic Anak Chungat

*Director,
Department of Agriculture*



YBhg Dato Jack Anak Liam

*Controller of Environmental
Quality, Sarawak*



YBrs Dr Veronica Lughah

*Director,
Sarawak Health Department*



YBrs Dr Mary Jane Cardoso

*Chief Technical Officer,
Integrated Research Associates LLC*



Mdm Anne Kung Soo Ching

*Chief Executive Officer,
Instacom Engineering Sdn. Bhd.*

Corporate Information

66th Sarawak Biodiversity Council Meeting [1/2024]

[Date and Time] 17th April 2024 @ 11.00 am

[Venue] Meeting Room, Deputy State Secretary's Office, Level 12, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching/Zoom Platform

No	Name	Position	Attendance
1	YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel <i>Deputy State Secretary (Economic Planning and Development)</i>	Chairman	Attended
2	YBhg Datu Haji Azmi Bin Haji Bujang <i>Permanent Secretary, Ministry of Education, Innovation and Talent Development</i>	Deputy Chairman	Attended
3	YA Dato Sri Saferi Bin Ali <i>State Attorney General</i>	Member	Represented by Mr Joseph Chioh Hock Hua <i>Senior State Counsel</i>
4	YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar <i>State Financial Secretary</i>	Member	Represented by Mr Jeferi Bin Darhman <i>Director of Finance Compliance and Aset Management</i>
5	YBhg Datu Haji Abdullah Bin Haji Julaihi <i>Permanent Secretary, Ministry of Natural Resources and Urban Development</i>	Member	Represented by Ms Tang Hung Huong <i>Ketua Bahagian, Biodiversiti dan Alam Sekitar</i>
6	YBhg Datu Lester Matthew <i>Director, (Economic Planning Unit, Sarawak, Department of the Premier Sarawak)</i>	Member	Represented by Ms Ivy Lim Chen Chen <i>Ketua Penolong Pengarah</i>
7	YBhg Datu Hamden Bin Haji Mohammad <i>Director, Forest Department Sarawak</i>	Member	Attended
8	Mr Dominic Anak Chunggat <i>Director, Department of Agriculture Sarawak</i>	Member	Attended
9	YBhg Datu Jack Anak Liam <i>Controller, Natural Resource and Environment Board</i>	Member	Represented by Mr Paul Bond Chamberlin <i>Deputy Controller</i>
10	YBrs Dr Veronica Lughah <i>Director, Sarawak Health Department</i>	Member	Attended
11	Dr Mary Jane Cardosa <i>Chief Technical Officer, Integrated Research Associates LLC</i>	Member	Attended Online
12	Mdm Anne Kung Soo Ching <i>Chief Executive Officer, Instacom Engineering Sdn. Bhd.</i>	Member	Attended
13	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Corporate Information

67th Sarawak Biodiversity Council Meeting [2/2024]

[Date and Time] 28th June 2024 @ 9.00 am

[Venue] Meeting Room, Deputy State Secretary's Office, Level 12, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching/Zoom Platform

No	Name	Position	Attendance
1	YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel <i>Deputy State Secretary (Economic Planning and Development)</i>	Chairman	Attended
2	Tuan Haji Adana Bin Haji Jed <i>Permanent Secretary, Ministry of Education, Innovation and Talent Development</i>	Deputy Chairman	Attended
3	YA Dato Sri Saferi Bin Ali <i>State Attorney General</i>	Member	Represented by Datu John Wayne Chamberlin Sirau <i>Deputy State Attorney General</i>
4	YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar <i>State Financial Secretary</i>	Member	Represented by Mr Jeferi Bin Darhman <i>Director of Finance Compliance and Aset Management</i>
5	YBhg Datu Haji Abdullah Bin Haji Julaihi <i>Permanent Secretary, Ministry of Natural Resources and Urban Development</i>	Member	Represented by Ms Tang Hung Huong <i>Ketua Bahagian, Biodiversiti dan Alam Sekitar</i>
6	YBhg Datu Lester Matthew <i>Director, (Economic Planning Unit, Sarawak, Department of the Premier Sarawak)</i>	Member	Represented by Ms Ivy Lim Chen Chen <i>Ketua Penolong Pengarah</i>
7	YBhg Datu Hamden Bin Haji Mohammad <i>Director, Forest Department Sarawak</i>	Member	Attended
8	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Crop Research and Development Division</i>
9	YBhg Datu Jack Anak Liam <i>Controller, Natural Resource and Environment Board</i>	Member	Attended
10	YBrs Dr Veronica Lughah <i>Director, Sarawak Health Department</i>	Member	Unable to attend
11	Dr Mary Jane Cardosa <i>Chief Technical Officer, Integrated Research Associates LLC</i>	Member	Attended Online
12	Mdm Anne Kung Soo Ching <i>Chief Executive Officer, Instacom Engineering Sdn. Bhd.</i>	Member	Attended
13	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Corporate Information

68th Sarawak Biodiversity Council Meeting [3/2024]

[Date and Time] 19th September 2024 @ 10.30 am

[Venue] Velocity Meeting Room, Deputy State Secretary's Office, Level 12, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching/
Zoom Platform

No	Name	Position	Attendance
1	YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel <i>Deputy State Secretary (Economic Planning and Development)</i>	Chairman	Attended
2	Tuan Haji Adana Bin Haji Jed <i>Permanent Secretary, Ministry of Education, Innovation and Talent Development</i>	Deputy Chairman	Attended
3	YA Dato Sri Saferi Bin Ali <i>State Attorney General</i>	Member	Represented by Mr Mohd Adzrul Bin Adzlan <i>State Counsel</i>
4	YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar <i>State Financial Secretary</i>	Member	Represented by Ms Rozita Binti Mohamad Ibrahim <i>Pengarah Bahagian Perolehan</i>
5	YBhg Datu Haji Abdullah Bin Haji Julaihi <i>Permanent Secretary, Ministry of Natural Resources and Urban Development</i>	Member	Represented by Ms Tang Hung Huong <i>Ketua Bahagian, Biodiversiti dan Alam Sekitar</i>
6	YBhg Datu Lester Matthew <i>Director, (Economic Planning Unit, Sarawak, Department of the Premier Sarawak)</i>	Member	Attended
7	YBhg Datu Hamden Bin Haji Mohammad <i>Director, Forest Department Sarawak</i>	Member	Represented by Tuan Haji Happysupina Bin Sait <i>Deputy Director (Forest Conservation and Development)</i>
8	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Crop Research and Development Division</i>
9	YBhg Datu Jack Anak Liam <i>Controller, Natural Resource and Environment Board</i>	Member	Attended
10	YBrs Dr Veronica Lughah <i>Director, Sarawak Health Department</i>	Member	Unable to attend
11	Dr Mary Jane Cardoso <i>Chief Technical Officer, Integrated Research Associates LLC</i>	Member	Unable to attend
12	Mdm Anne Kung Soo Ching <i>Chief Executive Officer, Instacom Engineering Sdn. Bhd.</i>	Member	Unable to attend
13	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Corporate Information

69th Sarawak Biodiversity Council Meeting [4/2024]

[Date and Time] 17th April 2024 @ 11.00 am

[Venue] Meeting Room, Deputy State Secretary's Office, Level 12, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching/Zoom Platform

No	Name	Position	Attendance
1	YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel <i>Deputy State Secretary (Economic Planning and Development)</i>	Chairman	Attended
2	Tuan Haji Adana Bin Haji Jed <i>Permanent Secretary, Ministry of Education, Innovation and Talent Development</i>	Deputy Chairman	Attended
3	YA Dato Sri Saferi Bin Ali <i>State Attorney General</i>	Member	Represented by Mr Joseph Chioh Hock Hua <i>Senior State Counsel</i>
4	YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar <i>State Financial Secretary</i>	Member	Represented by Mr Jeferi Bin Darhman <i>Director of Finance Compliance and Aset Management</i>
5	YBhg Dato Haji Abdullah Bin Haji Julaihi <i>Permanent Secretary, Ministry of Natural Resources and Urban Development</i>	Member	Represented by Ms Tang Hung Huong <i>Ketua Bahagian, Biodiversiti dan Alam Sekitar</i>
6	YBhg Dato Lester Matthew <i>Director, (Economic Planning Unit, Sarawak, Department of the Premier Sarawak)</i>	Member	Represented by Ms Ivy Lim Chen Chen <i>Ketua Penolong Pengarah</i>
7	YBhg Dato Hamden Bin Haji Mohammad <i>Director, Forest Department Sarawak</i>	Member	Attended
8	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Attended
9	YBhg Dato Jack Anak Liam <i>Controller, Natural Resource and Environment Board</i>	Member	Represented by Mr Paul Bond Chamberlin <i>Deputy Controller</i>
10	YBrs Dr Veronica Lughah <i>Director, Sarawak Health Department</i>	Member	Attended
11	Dr Mary Jane Cardosa <i>Chief Technical Officer, Integrated Research Associates LLC</i>	Member	Attended Online
12	Mdm Anne Kung Soo Ching <i>Chief Executive Officer, Instacom Engineering Sdn. Bhd.</i>	Member	Attended
13	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

COMMITTEES UNDER THE COUNCIL

Committees under the Council

ESTABLISHMENT COMMITTEE

CHAIRMAN



YBhg Datu Lester Matthew

*Director,
(Economic Planning Unit, Sarawak,
Department of the Premier Sarawak)*

MEMBERS



YBhg Datu Haji Abdullah Bin Haji Julaihi

*Permanent Secretary,
Ministry of Natural Resources and Urban Development*



Mr Dominic Anak Chungat

*Director,
Department of Agriculture Sarawak*



Mdm Sharifah Rohana Binti Datu Wan Alwi

*Director,
Human Resource Development and Management Unit*

SECRETARY



YBhg Dato Dr Yeo Tiong Chia

*Chief Executive Officer,
Sarawak Biodiversity Centre*

Committees under the Council

42nd Meeting of SBC Establishment Committee [1/2024]

[Date and Time] 18th June 2024, 10.00 am

[Venue] Meeting Room, Level 6, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	YBhg Datu Lester Matthew <i>Director, Economic Planning Unit Sarawak</i>	Chairman	Attended
2	YBhg Datu Haji Abdullah Bin Julaihi <i>Permanent Secretary, Ministry of Natural Resources and Urban Development</i>	Member	Represented by Ms Dayang Nur Hafeezah Binti Termizi <i>Assistant Secretary Ministry of Natural Resources and Urban Development</i>
3	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Margaret Abat <i>Senior Research Officer, Department of Agriculture Sarawak</i>
4	Mdm Sharifah Rohana Binti Datu Wan Alwi <i>Director, Human Resource Development and Management Unit</i>	Member	Represented by Ms Tracy Evon <i>Chief Assistant Director, Capacity Management Section Human Resource Development and Management Unit</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre</i>	Secretary	Attended

Committees under the Council

FINANCE AND INVESTMENT COMMITTEE

CHAIRMAN



YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar
State Financial Secretary

MEMBERS



Tuan Haji Adana Bin Haji Jed
*Permanent Secretary, Ministry of Education,
Innovation and Talent Development*



Mr Dominic Anak Chungat
*Director,
Department of Agriculture Sarawak*



YBhg Datu Hamden Bin Haji Mohammad
*Director of Forests,
Sarawak*

SECRETARY



YBhg Dato Dr Yeo Tiong Chia
*Chief Executive Officer,
Sarawak Biodiversity Centre*

Committees under the Council

55th Finance and Investment Committee Meeting [1/2024]

[Date and Time] 13th June 2024, 2.30 pm

[Venue] Bilik Mesyuarat Utama, Level 18, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar <i>State Financial Secretary</i>	Chairman	Represented by Mdm Noor Rasyidah Binti Abdullah <i>Pengarah Kewangan dan Pentadbiran</i>
2	Tuan Haji Adana Bin Haji Jed <i>Permanent Secretary, Ministry of Education, Innovation and Talent Development</i>	Member	Represented by Dr Cheong Yaw Liang <i>Head of Innovation Division</i>
3	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Crop Research and Development</i>
4	YBhg Datu Hamden Bin Haji Mohammad <i>Director, Forest Department Sarawak</i>	Member	Represented by Mr Oscar Johin Anak Ngayop <i>Senior Assistant Director</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Special Finance and Investment Committee Meeting [1/2024]

[Date and Time] 12th September 2024, 3.45 pm

[Venue] Level 9, Menara Pelita, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar <i>State Financial Secretary</i>	Chairman	Represented by Mdm Hajah Saniah Binti Abdul Kadir <i>Pengarah, Pematuhan Kewangan dan Pengurusan Aset</i>
2	Tuan Haji Adana Bin Haji Jed <i>Permanent Secretary, Ministry of Education, Innovation and Talent Development</i>	Member	Represented by Mr Alfean Bin Aziz <i>Head of Section, Innovation Division</i>
3	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Mr Oscar Johin Anak Ngayop <i>Senior Assistant Director</i>
4	YBhg Datu Hamden Bin Haji Mohammad <i>Director, Forest Department Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Crop Research and Development</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Committees under the Council

56th Finance and Investment Committee Meeting [2/2024]

[Date and Time] 4th December 2024, 8.30 am

[Venue] Bilik Orkid, Tingkat 18, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar <i>State Financial Secretary</i>	Chairman	Represented by Mdm Rozita Binti Mohamad Ibrahim <i>Pengarah, Bahagian Perolehan</i>
2	Tuan Haji Adana Bin Haji Jed <i>Permanent Secretary, Ministry of Education, Innovation and Talent Development</i>	Member	Represented by Dr Cheong Yaw Liang <i>Head of Innovation Division</i>
3	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Crop Research and Development</i>
4	YBhg Datu Hamden Bin Haji Mohammad <i>Director, Forest Department Sarawak</i>	Member	Represented by Mr Oscar Johin Anak Ngayop <i>Senior Assistant Director</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Committees under the Council

AUDIT COMMITTEE

CHAIRMAN



Mr Jeferi Bin Darhman
*Director
Financial Compliance Unit,
State Financial Secretary's Office
2023 - 2024*



Mdm Saniah Binti Abdul Kadir
*Director
Financial Compliance Unit,
State Financial Secretary's Office
w.e.f. August 2024*

MEMBERS



Mr Dominic Anak Chungat
*Director,
Department of Agriculture Sarawak*



YBhg Datu Jack Anak Liam
*Controller of Environmental
Quality, Sarawak*

Committees under the Council

32nd Audit Committee Meeting [1/2024]

[Date and Time] 20th February 2024, 10.00 am

[Venue] Bilik Mesyuarat Utama, Tingkat 10, Menara Pelita

No	Name	Position	Attendance
1	Mr Jeferi Bin Darhman <i>Director, State Financial Compliance Unit, State Financial Secretary's Office</i>	Chairman	Represented by Mdm Mardiana Binti Sidi <i>Senior Assistant Director, State Financial Compliance Unit, State Financial Secretary's Office</i>
2	Mr Dominic Anak Chunggat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Department of Agriculture</i>
3	YBhg Datu Jack Anak Liam, <i>Controller of Environmental Quality Natural Resources and Environment Board</i>	Member	Represented by Mdm Felica Anak Simud <i>Accountant, Natural Resources and Environment Board</i>
4	Mdm Toieyah Binti Haji Tioh, <i>Director Internal Audit Unit</i>	UAD	Represented by Mr Mohamad Muzhafar Bin Mazmi <i>Juruaudit, Jabatan Premier Department</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

1st Special Audit Committee Meeting [2/2024]

[Date and Time] 3rd April 2024, 2.30 pm

[Venue] Bilik Rafflesia, Level 14, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	Mr Jeferi Bin Darhman <i>Director, State Financial Compliance Unit, State Financial Secretary's Office</i>	Chairman	Attended
2	Mr Dominic Anak Chunggat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Department of Agriculture</i>
3	YBhg Datu Jack Anak Liam, <i>Controller of Environmental Quality Natural Resources and Environment Board</i>	Member	Represented by Ms Nanku Apoi <i>Senior Administrative Officer, Natural Resources and Environment Board</i>
4	Mdm Toieyah Binti Haji Tioh, <i>Director Internal Audit Unit</i>	UAD	Represented by Ms Gladys Lim Ai Hui <i>Juruaudit, Jabatan Premier Department</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Committees under the Council

2nd Special Audit Committee Meeting [3/2024]

[Date and Time] 27th June 2024, 12.00 pm

[Venue] Bilik Mesyuarat Rafflesia, Level 14, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	Mr Jeferi Bin Darhman <i>Director, State Financial Compliance Unit, State Financial Secretary's Office</i>	Chairman	Attended
2	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Department of Agriculture</i>
3	YBhg Datu Jack Anak Liam, <i>Controller of Environmental Quality Natural Resources and Environment Board</i>	Member	Represented by Madam Felica Anak Simud <i>Accountant, Natural Resources and Environment Board</i>
4	Mdm Toieyah Binti Haji Tioh, <i>Director Internal Audit Unit</i>	UAD	Represented by Ms Gladys Lim Ai Hui <i>Juruaudit, Jabatan Premier Department</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

3rd Special Audit Committee Meeting [4/2024]

[Date and Time] 23rd August 2024, 2.30 pm

[Venue] Bilik Mesyuarat Seroja, Level 14, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	Puan Hajah Saniah Binti Abdul Kadir <i>Director, State Financial Compliance Unit, State Financial Secretary's Office</i>	Chairman	Attended
2	Mr Dominic Anak Chungat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Department of Agriculture</i>
3	YBhg Datu Jack Anak Liam <i>Controller of Environmental Quality Natural Resources and Environment Board</i>	Member	Represented by Madam Felica Anak Simud <i>Accountant, Natural Resources and Environment Board</i>
4	Mr Jeferi Bin Darhman <i>Director Internal Audit Unit</i>	UAD	Represented by Ms Gladys Lim Ai Hui <i>Juruaudit, Jabatan Premier Department</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Committees under the Council

33rd Audit Committee Meeting [5/2024]

[Date and Time] 19th November 2024, 2.30 pm

[Venue] Bilik Mesyuarat Rafflesia, Level 18, Wisma Bapa Malaysia, Petra Jaya, 93502 Kuching

No	Name	Position	Attendance
1	Puan Hajah Saniah Binti Abdul Kadir <i>Director, State Financial Compliance Unit, State Financial Secretary's Office</i>	Chairman	Attended
2	Mr Dominic Anak Chunggat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director, Department of Agriculture</i>
3	YBhg Datu Jack Anak Liam <i>Controller of Environmental Quality Natural Resources and Environment Board</i>	Member	Represented by Ms Nanku Apoi <i>Senior Administrative Officer, Natural Resources and Environment Board</i>
4	Mr Jeferi Bin Darhman <i>Director, Internal Audit Unit</i>	UAD	Represented by Ms Gladys Lim Ai Hui <i>Juruaudit, Jabatan Premier Department</i>
5	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Committees under the Council

TECHNICAL COMMITTEE ON ACCESS AND BENEFIT SHARING

CHAIRMAN



YBhg Datu Haji Abdullah Bin Haji Julaihi
*Permanent Secretary,
Ministry of Natural Resources and Urban Development*

MEMBERS



YBhg Datu Lester Matthew
*Director,
(Economic Planning Unit, Sarawak,
Department of the Premier Sarawak)*



**YBhg Datu Hamden
Bin Haji Mohammad**
*Director of Forests,
Sarawak*



Mr Dominic Anak Chungat
*Director,
Department of Agriculture Sarawak*



Mr Abang Arabi Abang Aimran
*General Manager,
Sarawak Forestry Corporation*



YBhg Dato Dr Yeo Tiong Chia
*Chief Executive Officer,
Sarawak Biodiversity Centre*



Ts Dr Peter Morin Nissom
*General Manager,
Sarawak Research and Development Council*



YBhg Datu Ronnie Edward
*Head of Council,
Council for Native Customs and Traditions*

Committees under the Council

4th Meeting of the Technical Committee on Access and Benefit Sharing [1/2024]

[Date and Time] 3rd September 2024, 3.30 pm

[Venue] Meeting Room 1, Level 3, Wisma Sumber Alam

No	Name	Position	Attendance
1	YBhg Datu Haji Abdullah Bin Julaihi <i>Permanent Secretary, Ministry Natural Resources and Urban Development</i>	Chairman	Attended
2	YBhg Datu Lester Matthew <i>Director, Economic Planning Unit Sarawak</i>	Member	Represented by Mdm Melissa Chang May Fung <i>Assistant Director, Economic Planning Unit Sarawak</i>
3	YBhg Datu Hamden Bin Haji Mohammad <i>Director of Forest, Forest Department Sarawak</i>	Member	Represented by Mdm Runi Anak Sylester Pungga <i>Senior Assistant Director of Forest, Forest Department Sarawak</i>
4	Mr Dominic Anak Chunggat <i>Director, Department of Agriculture Sarawak</i>	Member	Represented by Dr Maclin Dayod <i>Senior Assistant Director of Agriculture, Department of Agriculture Sarawak</i>
5	Abang Arabi Abang Aimran <i>General Manager, Controller of Wild Life, Controller of National Parks and Nature Reserves</i>	Member	Represented by Mr Jerry Radin
6	Ts Dr Peter Morin Nissom <i>General Manager, Sarawak Research and Development Council</i>	Member	Absent with apologies
7	YBhg Datu Ronnie Edward <i>Head of Council, Council for Native Customs and Traditions</i>	Member	Represented by Mdm Mereya Anak Kaluk <i>Administrative Officer</i>
8	YBhg Dato Dr Yeo Tiong Chia <i>Chief Executive Officer, Sarawak Biodiversity Centre (SBC)</i>	Secretary	Attended

Committees under the Council

DISCIPLINARY COMMITTEE - MANAGEMENT & PROFESSIONAL GROUP

DISCIPLINARY ACTION WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

- I. General Manager II. Deputy General Manager III. Top Management Group
IV. Management and Professional Group V. Group A under the Cabinet Committee Report 1976

DISCIPLINARY ACTION ON NOT WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

- I. General Manager II. Deputy General Manager III. Top Management Group

CHAIRMAN



YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel

*Deputy State Secretary Sarawak
(Economic Planning and Development)*

MEMBERS



Tuan Haji Adana Bin Haji Jed

*Permanent Secretary, Ministry of Education,
Innovation and Talent Development*



Mr Dominic Anak Chungat

*Director,
Department of Agriculture Sarawak*



YBhg Datu Jack Anak Liam

*Controller of Environmental
Quality, Sarawak*

Note: no meetings were held in 2024

Committees under the Council

DISCIPLINARY COMMITTEE - MANAGEMENT & PROFESSIONAL GROUP

DISCIPLINARY ACTION ON NOT WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

I. Management and Professional Group

II. Group A under the Cabinet Committee Report 1976

CHAIRMAN



YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar

State Financial Secretary

MEMBERS



Mdm Sharifah Rohana Binti Datu Wan Alwi

*Director,
Human Resource Development
and Management Unit*



YBhg Dato Dr Yeo Tiong Chia

*Chief Executive Officer,
Sarawak Biodiversity Centre*

Note: no meetings were held in 2024

Committees under the Council

DISCIPLINARY COMMITTEE - SUPPORT GROUP

DISCIPLINARY ACTION WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

Support Group: Group B, C and D under the Cabinet Committee Report 1976

CHAIRMAN



YBhg Datu Hamden Bin Haji Mohammad
Director of Forests, Sarawak

MEMBERS



**YBhg Dato Sri Dr Wan Lizozman
Bin Wan Omar**
State Financial Secretary



Mdm Sharifah Rohana Binti Datu Wan Alwi
Director,
Human Resource Development and Management Unit



YBhg Dato Dr Yeo Tiong Chia
Chief Executive Officer,
Sarawak Biodiversity Centre

DISCIPLINARY ACTION ON NOT WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

Support Group: Group B, C and D under the Cabinet Committee Report 1976

CHAIRMAN



Tuan Haji Adana Bin Haji Jed
Permanent Secretary, Ministry of Education, Innovation and Talent Development

MEMBERS



**YBhg Dato Sri Dr Wan Lizozman
Bin Wan Omar**
State Financial Secretary



Mr Angelico Anak Francis Freddy Tiam
Principal Assistant Director,
Human Resource Development and Management Unit



Ms Asha Devi Kaushal
Head, Corporate Affairs
Sarawak Biodiversity Centre

Note: no meetings were held in 2024

Committees under the Council

DISCIPLINARY APPEAL COMMITTEE - MANAGEMENT & PROFESSIONAL GROUP

DISCIPLINARY ACTION WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

- I. General Manager II. Deputy General Manager III. Top Management
IV. Management and Professional Group V. Group A under the Cabinet Committee Report 1976

DISCIPLINARY ACTION ON NOT WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

- I. General Manager II. Deputy General Manager III. Top Management

CHAIRMAN



YB Dato Sri Roland Sagah Wee Inn

Minister for Education, Innovation and Talent Development Sarawak

MEMBERS



Yang Arif Dato Sri Saferi Bin Ali

State Attorney General



YBhg Datu Hamden Bin Haji Mohammad

*Director of Forests,
Sarawak*

Note: no meetings were held in 2024

Committees under the Council

DISCIPLINARY APPEAL COMMITTEE - MANAGEMENT & PROFESSIONAL GROUP

DISCIPLINARY ACTION ON NOT WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

I. Management and Professional Group

II. Group A under the Cabinet Committee Report 1976

CHAIRMAN



Tuan Haji Adana Bin Haji Jed

*Permanent Secretary, Ministry of Education,
Innovation and Talent Development*

MEMBERS



Yang Arif Dato Sri Saferi Bin Ali

State Attorney General



YBhg Datu Hamden Bin Haji Mohammad

*Director of Forests,
Sarawak*

Note: no meetings were held in 2024

Committees under the Council

DISCIPLINARY APPEAL COMMITTEE - SUPPORT GROUP

DISCIPLINARY ACTION WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

Support Group: Group B, C and D under the Cabinet Committee Report 1976

CHAIRMAN



Tuan Haji Adana Bin Haji Jed

Permanent Secretary, Ministry of Education, Innovation and Talent Development

MEMBERS



Yang Arif Dato Sri Saferi Bin Ali

State Attorney General



Mr Dominic Anak Chunggat

Director, Department of Agriculture Sarawak

DISCIPLINARY ACTION ON NOT WITH A VIEW TO DISMISSAL OR REDUCTION IN RANK

Category of Officer

Support Group: Group B, C and D under the Cabinet Committee Report 1976

CHAIRMAN



Mr Dominic Anak Chunggat

Director, Department of Agriculture Sarawak

MEMBERS



Mdm Sharifah Rohana Binti Datu Wan Alwi

*Director,
Human Resource Development and Management Unit*



YBhg Dato Dr Yeo Tiong Chia

*Chief Executive Officer,
Sarawak Biodiversity Centre*

Note: no meetings were held in 2024

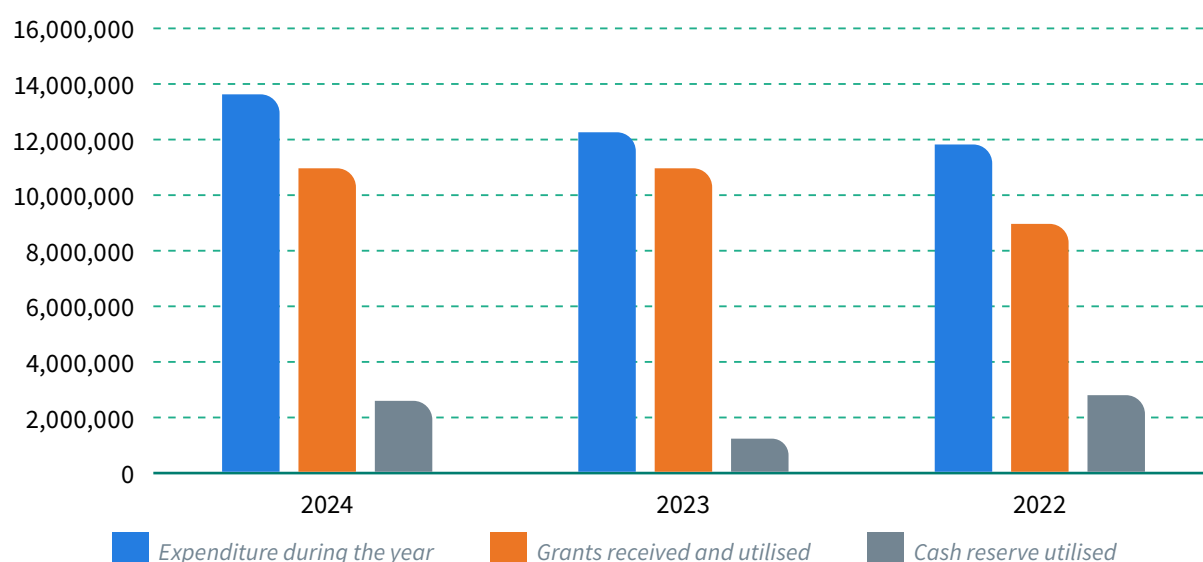
REPORT ON RECEIPT AND UTILISATION OF GOVERNMENT GRANTS

Report on Receipt and Utilisation of Government Grants

1. Operating Grants

Description	2024 RM	2023 RM	2022 RM
Grants received	11,000,000	11,000,000	9,000,000
Expenditure during the year	(13,647,939)	(12,299,281)	(11,853,581)
Grants utilised	11,000,000	11,000,000	9,000,000
Cash reserve utilised	2,647,939	1,299,281	2,853,581

Receipt and Utilisation of Operating Grants



Over the years, SBC has fully utilised the grants received from the State Government for its operations, where the balance required was covered through the utilisation of SBC's cash reserves.

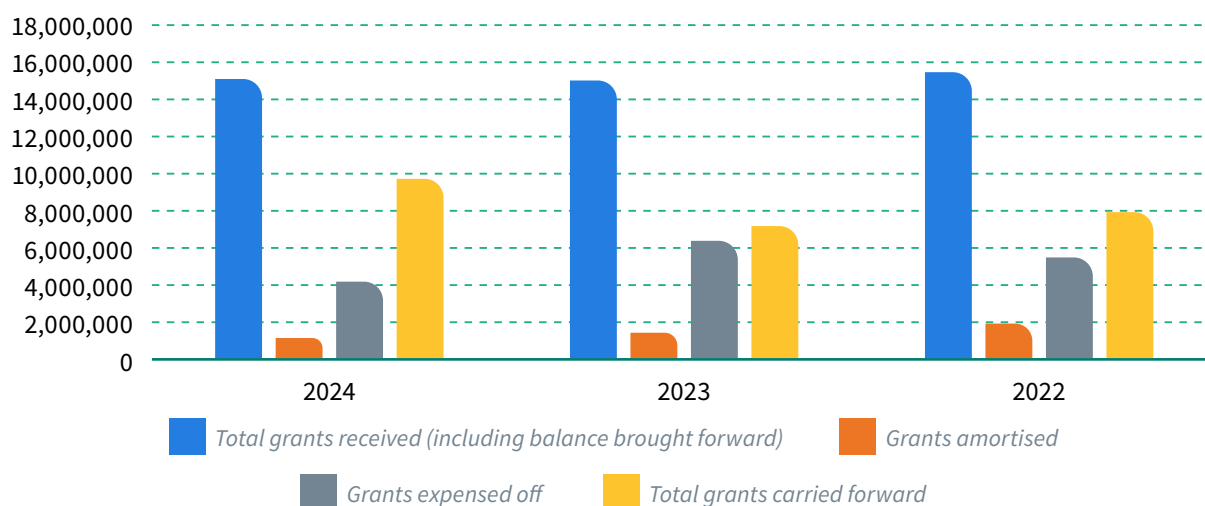
In Year 2024, SBC received state operating grant of RM11,000,000. The grant was used for emoluments, travelling, food and beverages, repair and maintenance, professional services, hospitality, and other services such as consultancy services, medical expenses, entertainment costs for visitors, conference and seminar fees with total expenditure for 2024 amounted to RM13,647,939, whereby SBC utilised its cash reserve of RM2,647,939 to fund the rest of the abovementioned expenditures.

Report on Receipt and Utilisation of Government Grants

Description \ Year	2024 RM	2023 RM	2022 RM
Balance brought forward	7,198,256	7,955,675	3,869,059
Grants received	7,921,135	7,100,000	11,600,000
Total grants	15,119,391	15,055,675	15,469,059
Grants utilised:			
Amortised	(1,161,807)	(1,446,381)	(2,017,296)
Expensed off	(4,188,928)	(6,411,038)	(5,496,088)
Balance carried forward	9,768,656	7,198,256	7,955,675

2. 12th Malaysian Plan Projects (12MP) Development Grants

Receipt and Utilisation of Development Grants



Report on Receipt and Utilisation of Government Grants

2. 12th Malaysian Plan Projects (12MP) Development Grants

SBC also received development grants from the State Government to fund seven (7) projects under the 12MP from Year 2021 until Year 2025. The grants are for five (5) non-physical projects and two (2) physical projects involving ceiling value up to RM60.5 million as follows:

Projects	Description
Non-physical projects	
Biodiscovery and Development of Commercial Applications from the Natural Product Library (NPL)	The project aims to accelerate the development of SBC's NPL through more intensive and targeted activities. The enhanced NPL will integrate chemical and transcriptomic profiling of fractions to create a more robust platform for high-throughput screening. Collaborative efforts have already yielded promising candidates, which are now undergoing proof-of-concept validation and production scale-up. These steps are essential to prepare the products for market testing and eventual commercialisation.
Development of Targeted Microorganisms for Commercially Viable Bioproducts and Applications	The project aims to create commercial opportunities by developing indigenous microbes and microbial products to market readiness, while also enriching the Microbial NPL with valuable biological and genetic information.
Development of Silvestrol and its Analogues as a Clinical Candidate for Pharmaceutical Use	Development of a reference standard program for silvestrol production to enable product testing and verification in future GMP manufacturing and development of Silvestrol anti-psoriasis ointment.
Digital Technology Enhanced Production of High Quality Biological Material from Algae Utilising Carbon and Waste from Carbon Intensive Industries (Circular Economy)	The project aims to develop a large-scale microalgae cultivation facility to capture CO ₂ and recycle waste from carbon-intensive industries. Building on its 1,000 m ² pilot system, the project aims to optimise production, reduce costs, and supply high-quality biomass for aquaculture, nutraceutical, healthcare, and renewable energy. This initiative supports cleantech innovation and a circular economy by turning waste into valuable products.
Rural Income Generation and Benefit Sharing Through the Commercialisation of Traditional Knowledge (TK) Linked Biodiversity	TK Documentation Program focuses on the implementation of the legal framework for the documentation and preservation of traditional knowledge, ensuring that indigenous community's benefit from their cultural heritage.

Report on Receipt and Utilisation of Government Grants

Projects	Description
Physical Projects	
Set up of Good Manufacturing Practice (GMP) Certified Manufacturing Facility in Sarawak	The project aims to establish Sarawak's first GMP-certified Traditional Medicine and Health Supplement (TMHS) facility at the Central Hub, Sarawak Bioindustrial Park (SBP). The GMP facility will enable the production of internationally compliant herbal and nutraceutical products, ensuring high standards of safety, efficacy, and consistency. It will commercialise SBC's R&D, turning scientific innovations into market-ready products and driving growth in Sarawak's bioeconomy.
Bioindustrial Park and SBC Bioprocess Commercial Centre at Samarahan	The Bioindustrial Park and SBC Bioprocess Commercial Centre at Samarahan is Malaysia's first dedicated hub for bio-based industries. Key components include the industrial lots and Central Hub to support tenants and investors. SBP focuses on Bioactives, Biohealth, Biomaterials, Bioenergy, and Bioenvironmental to commercialise Sarawak's biodiversity sustainably.

From Year 2021 to Year 2024, SBC has received a total of RM33.6 million of the approved amount and has utilised 71% of the grants as of 31st December 2024. The balance of the grants from each year is carried forward to the following year as all the projects are still ongoing, including RM7.3 million received in Year 2022 to 2024 that will be utilised in Year 2025 for the construction of Bioindustrial Park and Bioprocess Commercial Centre at Samarahan.

FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2024

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Officers and Professional Advisors

Chief Executive Officer

YBhg Dato Dr Yeo Tiong Chia

Registered office

Lot 724, Block 3, Sentah-Segu Land District
KM20 Jalan Borneo Heights Semengoh,
Locked Bag No. 3032
93990 Kuching, Sarawak

Auditor

Ketua Audit Negara Malaysia

Bankers

Malayan Banking Berhad
Level 1, Wisma Satok, Jalan Satok
93400 Kuching, Sarawak

RHB Bank Berhad
12 & 13, Eastern Commercial Centre
17th Mile, Kuching Serian Road
94200 Kuching, Sarawak

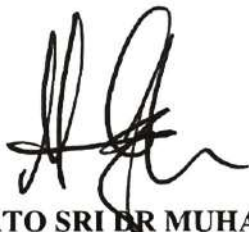
Public Bank Berhad
384-388, Sentosa Central
Batu 7, Jalan Penrissen
93250 Kuching, Sarawak

Development Bank of Sarawak
Level 2, Menara SEDC, Lot 2878
The Isthmus, Off Jalan Bako
93050 Kuching, Sarawak

Penyata Pengerusi dan Timbalan Pengerusi

Kami, **DATO SRI DR MUHAMMAD ABDULLAH BIN HAJI ZAIDEL** dan **TUAN HAJI ADANA BIN HAJI JED** yang merupakan Pengerusi dan Timbalan Pengerusi **MAJLIS KEPELBAGAIAN BIOLOGI SARAWAK** dengan ini menyatakan bahawa, pada pendapat Ahli-ahli Majlis, Penyata Kewangan yang mengandungi Penyata Kedudukan Kewangan, Penyata Pendapatan Komprehensif, Penyata Perubahan Ekuiti dan Penyata Aliran Tunai yang berikut ini berserta dengan nota-nota kepada Penyata Kewangan di dalamnya, adalah disediakan untuk menunjukkan pandangan yang benar dan saksama berkenaan kedudukan **MAJLIS KEPELBAGAIAN BIOLOGI SARAWAK** pada **31 DISEMBER 2024** dan hasil kendaliannya serta perubahan kedudukan kewangannya bagi tahun berakhir pada tarikh tersebut.

Bagi pihak Majlis,

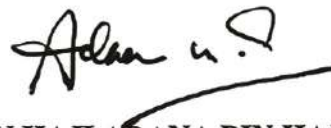


**DATO SRI DR MUHAMMAD
ABDULLAH BIN HAJI ZAIDEL**

Tarikh: 18 JUL 2025

KUCHING, SARAWAK

Bagi pihak Majlis,



TUAN HAJI ADANA BIN HAJI JED

Tarikh: 18 JUL 2025

KUCHING, SARAWAK

Pengakuan oleh Pegawai Utama yang Bertanggungjawab ke atas Pengurusan Kewangan

Saya, **DATO DR YEO TIONG CHIA**, pegawai utama yang bertanggungjawab ke atas pengurusan kewangan dan rekod-rekod perakaunan **MAJLIS KEPELBAGAIAN BIOLOGI SARAWAK** dengan ikhlasnya mengakui bahawa Penyata Kedudukan Kewangan, Penyata Pendapatan Komprehensif, Penyata Perubahan Ekuiti dan Penyata Aliran Tunai **dalam kedudukan kewangan** yang berikut ini berserta dengan nota-nota kepada Penyata Kewangan di dalamnya, pada pendapat saya, adalah betul dan saya membuat ikrar ini dengan sebenarnya mempercayai bahawa ianya adalah benar dan atas kehendak-kehendak Akta Akuan Berkanun, 1960.

Sebenarnya dan sesungguhnya)
diakui oleh penama di atas)
di KUCHING, SARAWAK)
pada 1.8.2025)


.....
DATO DR YEO TIONG CHIA
(K/P. NO: 660420-13-5379)

Di hadapan saya,

SALEHAH BINTI HID
.....
MAGISTRATE



Sijil Ketua Audit Negara



SIJIL KETUA AUDIT NEGARA MENGENAI PENYATA KEWANGAN MAJLIS KEPELBAGAIAN BIOLOGI SARAWAK BAGI TAHUN BERAKHIR 31 DISEMBER 2024

Sijil Mengenai Pengauditan Penyata Kewangan

Pendapat

Saya telah mengaudit Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak. Penyata kewangan tersebut merangkumi Penyata Kedudukan Kewangan pada 31 Disember 2024 Majlis Kepelbagaian Biologi Sarawak dan Penyata Pendapatan Komprehensif, Penyata Perubahan Ekuiti serta Penyata Aliran Tunai bagi tahun berakhir pada tarikh tersebut dan nota kepada penyata kewangan termasuklah ringkasan polisi perakaunan yang signifikan seperti yang dinyatakan pada muka surat 9 hingga 30.

Pada pendapat saya, penyata kewangan ini memberikan gambaran yang benar dan saksama mengenai kedudukan kewangan Majlis Kepelbagaian Biologi Sarawak pada 31 Disember 2024 dan prestasi kewangan serta aliran tunai bagi tahun berakhir pada tarikh tersebut selaras dengan Piawaian Pelaporan Entiti Persendirian Malaysia (MPERS) dan keperluan The Statutory Bodies (Financial and Accounting Procedure) Ordinance, 1995 serta The Sarawak Biodiversity Centre Ordinance, 1997.

Asas Kepada Pendapat

Pengauditan telah dilaksanakan berdasarkan Akta Audit 1957 dan International Standards of Supreme Audit Institutions. Tanggungjawab saya dihuraikan selanjutnya di perenggan Tanggungjawab Juruaudit Terhadap Pengauditan Penyata Kewangan dalam sijil ini. Saya percaya bahawa bukti audit yang diperoleh adalah mencukupi dan bersesuaian untuk dijadikan asas kepada pendapat saya.

Kebebasan dan Tanggungjawab Etika Lain

Saya adalah bebas daripada Majlis Kepelbagaian Biologi Sarawak dan telah memenuhi tanggungjawab etika lain berdasarkan International Standards of Supreme Audit Institutions.

Sijil Ketua Audit Negara

Maklumat Lain Selain Daripada Penyata Kewangan dan Sijil Juruaudit Mengenainya

Ahli Majlis, Majlis Kepelbagaian Biologi Sarawak bertanggungjawab terhadap maklumat lain dalam Laporan Tahunan. Pendapat saya terhadap Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak tidak meliputi maklumat lain selain daripada penyata kewangan dan Sijil Juruaudit mengenainya dan saya tidak menyatakan sebarang bentuk kesimpulan jaminan mengenainya.

Tanggungjawab Ahli Majlis Terhadap Penyata Kewangan

Ahli Majlis bertanggungjawab terhadap penyediaan Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak yang memberi gambaran benar dan saksama selaras dengan Piawaian Pelaporan Entiti Persendirian Malaysia (MPERS) dan keperluan The Statutory Bodies (Financial and Accounting Procedure) Ordinance, 1995 serta The Sarawak Biodiversity Centre Ordinance, 1997. Ahli Majlis juga bertanggungjawab terhadap penetapan kawalan dalaman yang perlu bagi membolehkan penyediaan Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak yang bebas daripada salah nyata yang ketara, sama ada disebabkan fraud atau kesilapan.

Semasa penyediaan Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak, Ahli Majlis bertanggungjawab untuk menilai keupayaan Majlis Kepelbagaian Biologi Sarawak untuk beroperasi sebagai satu usaha berterusan, mendedahkannya jika berkaitan serta menggunakannya sebagai asas perakaunan.

Tanggungjawab Juruaudit Terhadap Pengauditan Penyata Kewangan

Objektif saya adalah untuk memperoleh keyakinan yang munasabah sama ada Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak secara keseluruhannya adalah bebas daripada salah nyata yang ketara, sama ada disebabkan fraud atau kesilapan, dan mengeluarkan Sijil Juruaudit yang merangkumi pendapat saya. Jaminan yang munasabah adalah satu tahap jaminan yang tinggi, tetapi bukan satu jaminan bahawa audit yang dijalankan mengikut International Standards of Supreme Audit Institutions akan sentiasa mengesan salah nyata yang ketara apabila ia wujud. Salah nyata boleh wujud daripada fraud atau kesilapan dan dianggap ketara sama ada secara individu atau agregat sekiranya boleh dijangkakan dengan munasabah untuk mempengaruhi keputusan ekonomi yang dibuat oleh pengguna berdasarkan penyata kewangan ini.

Sebagai sebahagian daripada pengauditan mengikut International Standards of Supreme Audit Institutions, saya menggunakan pertimbangan profesional dan mengekalkan keraguan profesional sepanjang pengauditan. Saya juga:

Sijil Ketua Audit Negara

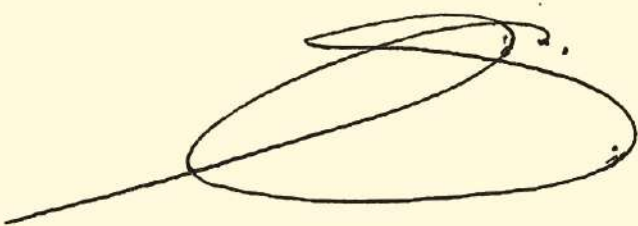
- a. mengenal pasti dan menilai risiko salah nyata ketara dalam Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak, sama ada disebabkan fraud atau kesilapan, merangka dan melaksanakan prosedur audit yang responsif terhadap risiko berkenaan serta mendapatkan bukti audit yang mencukupi dan bersesuaian untuk memberikan asas kepada pendapat saya. Risiko untuk tidak mengesan salah nyata ketara akibat daripada fraud adalah lebih tinggi daripada kesilapan kerana fraud mungkin melibatkan pakatan, pemalsuan, ketinggalan yang disengajakan, representasi yang salah, atau mengatasi kawalan dalaman;
- b. memahami kawalan dalaman yang relevan untuk merangka prosedur audit yang bersesuaian tetapi bukan untuk menyatakan pendapat mengenai keberkesanan kawalan dalaman Majlis Kepelbagaian Biologi Sarawak;
- c. menilai kesesuaian dasar perakaunan yang diguna pakai, kemunasabahan anggaran perakaunan dan pendedahan yang berkaitan oleh Ahli Majlis;
- d. membuat kesimpulan terhadap kesesuaian penggunaan asas perakaunan untuk usaha berterusan oleh Ahli Majlis dan berdasarkan bukti audit yang diperoleh, sama ada wujudnya ketidakpastian ketara yang berkaitan dengan peristiwa atau keadaan yang mungkin menimbulkan keraguan yang signifikan terhadap keupayaan Majlis Kepelbagaian Biologi Sarawak sebagai satu usaha berterusan. Jika saya membuat kesimpulan bahawa ketidakpastian ketara wujud, saya perlu melaporkan dalam Sijil Juruaudit terhadap pendedahan yang berkaitan dalam Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak atau, jika pendedahan tersebut tidak mencukupi, pendapat saya akan diubah. Kesimpulan saya dibuat berdasarkan bukti audit yang diperoleh sehingga tarikh Sijil Juruaudit. Bagaimanapun, peristiwa atau keadaan pada masa hadapan berkemungkinan menyebabkan Majlis Kepelbagaian Biologi Sarawak tidak lagi berupaya meneruskan operasi secara usaha berterusan; dan
- e. menilai persembahan secara keseluruhan, struktur dan kandungan Penyata Kewangan Majlis Kepelbagaian Biologi Sarawak, termasuk pendedahannya, dan sama ada penyata kewangan tersebut telah melaporkan asas-asas urus niaga dan peristiwa-peristiwa yang memberikan gambaran saksama.

Ahli Majlis telah dimaklumkan, antaranya mengenai skop dan tempoh pengauditan yang dirancang serta penemuan audit yang signifikan termasuk kelemahan kawalan dalaman yang dikenal pasti semasa pengauditan.

Sijil Ketua Audit Negara

Hal-hal Lain

Sijil ini dibuat untuk Ahli Majlis, Majlis Kepelbagaian Biologi Sarawak berdasarkan keperluan The Statutory Bodies (Financial and Accounting Procedure) Ordinance, 1995 serta The Sarawak Biodiversity Centre Ordinance, 1997 dan bukan untuk tujuan lain. Saya tidak bertanggungjawab terhadap pihak lain bagi kandungan sijil ini.



(DATO' SERI WAN SURAYA WAN MOHD RADZI)
KETUA AUDIT NEGARA
MALAYSIA



PUTRAJAYA

11 OGOS 2025

Statement of Financial Position

As at 31 December 2024

	Note	2024 RM	2023 RM
Assets			
Non-Current Asset			
Property, plant and equipment	5	35,258,806	25,248,931
Total non-current assets		<u>35,258,806</u>	<u>25,248,931</u>
Current Assets			
Inventories	6	120,805	68,723
Trade and other receivables	7	475,061	698,053
Tax refundable	13	12,728	-
Fixed deposits	8	21,005,143	17,005,000
Cash and bank balances	9	1,568,849	7,818,446
Total current assets		<u>23,182,586</u>	<u>25,590,222</u>
Total Assets		<u>58,441,392</u>	<u>50,839,153</u>
Equity and Liabilities			
Equity			
Retained surplus		39,935,497	32,086,160
Total Equity		<u>39,935,497</u>	<u>32,086,160</u>
Non-Current Liability			
Provision for retirement benefits	10	256,826	167,664
Total non-current liability		<u>256,826</u>	<u>167,664</u>
Current Liabilities			
Development grants	11	17,550,482	16,717,552
Trade and other payables	12	697,164	1,826,603
Provision for retirement benefits	10	1,423	21,338
Tax payables	12	-	19,836
Total current liabilities		<u>18,249,069</u>	<u>18,585,329</u>
Total Liabilities		<u>18,505,895</u>	<u>18,752,993</u>
Total Equity and Liabilities		<u>58,441,392</u>	<u>50,839,153</u>

The accompanying notes form an integral part of the financial statements.

Statement of Comprehensive Income

For the Financial Year Ended 31 December 2024

	Note	2024 RM	2023 RM
Revenue	14	1,175,820	651,076
Government grants	15	24,628,611	13,835,714
Total revenue		25,804,431	14,486,790
Less: Expenditure			
Staff costs	16	(10,040,652)	(9,216,522)
Depreciation of property, plant and equipment	5	(4,120,616)	(4,038,299)
Other operating expenses	17	(3,626,376)	(3,082,759)
		(17,787,644)	(16,337,580)
Deficit before taxation		8,016,787	(1,850,790)
Income tax expense	13	(167,450)	(141,290)
Deficit for the financial year		7,849,337	(1,992,080)

Statement of Changes in Equity

For the Financial Year Ended 31 December 2024

	Retained Surplus RM
At 1 January 2023	34,176,523
Deficit for the financial year	(1,992,080)
	32,184,443
Add: Prior year adjustment	(98,283)
At 31 December 2023 and 1 January 2024	32,086,160
Less: Prior year adjustment (Note 5)	
Surplus for the financial year	7,849,337
At 31 December 2024	39,935,497

The accompanying notes form an integral part of the financial statements.

Statement of Cash Flows

For The Financial Year Ended 31 December 2024

	Note	2024 RM	2023 RM
CASH FLOWS FROM OPERATING ACTIVITIES			
Surplus/(Deficit) before taxation		8,016,787	(1,850,790)
Adjustments for:			
Amortisation of development grant	11	(13,628,611)	(2,835,714)
Depreciation of property, plant and equipment	5	4,120,616	4,038,299
Fixed deposit interest income	14	(753,026)	(533,393)
Provision for retirement benefits	10	73,975	21,338
Gain on disposal of property, plant and equipment	14	(65,000)	-
Operating deficit before changes in working capital		(2,235,259)	(1,160,260)
Changes in working capital:			
Decrease/(Increase) in trade and other receivables		27,813	(179,727)
(Increase)/Decrease in inventories		(52,082)	29,560
(Decrease)/Increase in trade and other payables		(1,129,439)	1,182,433
Cash used in from operations		(3,388,967)	(127,994)
Retirement benefits paid	10	(4,728)	(14,759)
Income tax refunded	13	-	103,294
Income tax paid	13	(200,014)	(108,000)
Net cash used in from operating activities		(3,593,709)	(147,459)
CASH FLOWS FROM INVESTING ACTIVITIES			
Purchase of property, plant and equipment	5	(14,130,492)	(3,090,001)
Proceeds from disposal of property, plant and equipment		65,000	-
Fixed deposits interest income received		612,834	624,024
Net cash used in investing activities		(13,452,658)	(2,465,977)
CASH FLOWS FROM FINANCING ACTIVITIES			
Development and research grants received		7,921,135	7,100,000
External research collaboration grants received		15,587,878	6,439,873
Research and development expenditures paid	11	(8,712,100)	(8,640,468)
(Placements)/Withdrawals of fixed deposits with maturity terms of more than three months		(4,000,143)	5,000,000
Net cash generated from financing activities		10,796,770	9,899,405
Net (decrease)/increase in cash and cash equivalents		(6,249,597)	7,285,969
Cash and cash equivalents at beginning of the year		7,818,446	532,477
Cash and cash equivalents at end of the year	9	1,568,849	7,818,446

The accompanying notes form an integral part of the financial statements.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

1. GENERAL INFORMATION

The registered address and principal place of business for Sarawak Biodiversity Council (Council) is Lot 724, Block 3, Sentah-Segu Land District, KM 20 Jalan Borneo Heights, Semengoh, Locked Bag No. 3032, 93990 Kuching, Sarawak, Malaysia.

The Council which is a body incorporated in accordance with the Sarawak Biodiversity Centre Ordinance, 1997 (Chapter 24, Laws of Sarawak), is a Sarawak State Government — owned statutory body and its vision is “Enriching lives with breakthrough innovations in Biodiversity”.

Since then, two amendments, i.e. Sarawak Biodiversity Centre (Amendment) Ordinance, 2003 [Chapter A106, Laws of Sarawak] and the Sarawak Biodiversity Centre (Amendment) Ordinance, 2014 [Chapter A163, Laws of Sarawak] came into force on 1 April 2004 and 1 June 2015 respectively, Sarawak Biodiversity Centre is now entrusted with the following statutory functions:

- (i) conduct bioprospecting/R&D Programme on the biodiversity of the State and maintain a library of extracts for R&D;
- (ii) implement the Traditional Knowledge Documentation Programme among the ethnic communities in Sarawak;
- (iii) provide facilities for research and development and carry out contract research;
- (iv) establish linkages and partnerships to undertake research and development;
- (v) promote education and knowledge of biodiversity of Sarawak;
- (vi) establish and maintain a database on information related to the biological resources of Sarawak;
- (vii) implement Prior Informed Consent (MC) to ensure benefit sharing with the ethnic communities of Sarawak when traditional knowledge associated with a biological resource is accessed and benefits are shared through mutually agreed terms;
- (viii) commercialise research discoveries, and manage the Sarawak BioIndustrial Park at Samarahan as well as the 20-acre land for commercial farming.

The functional currency of the Council is Ringgit Malaysia (RM). The financial statements of the Council were authorised for issue by the Council Members during its 1st Special Meeting held on 17th July 2025.

2. BASIS OF PREPARATION

The financial statements of the Council have been prepared in accordance with the Malaysian Private Entities Reporting Standard (“MPERS”), Statutory Bodies (Financial and Accounting Procedure) Ordinance, 1995 and Treasury Instructions.

The financial statements have been prepared using historical cost basis, unless other wise stated in the significant accounting policies.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

3. SIGNIFICANT ACCOUNTING POLICIES

(a) Property, plant and equipment

The cost of an item of property, plant and equipment is recognised as an asset when it is probable that the future economic benefits associated with the item will flow to the Council and the cost of the item can be measured reliably. After recognition as an asset, all items of property, plant and equipment are measured at cost less any accumulated depreciation and any accumulated impairment losses.

Depreciation is provided on a straight-line method so as to write off the depreciable amount of the following assets over their estimated useful lives. The rates of depreciation are as follows:-

Leasehold land	1.67% p.a.
Buildings	5% p.a.
Office equipment	15-20% p.a.
Furniture, fixtures and fittings	10-15% p.a.
Computers and accessories	15-20% p.a.
Office renovations	10-15% p.a.
Motor vehicles	20% p.a.
Specialised equipment (equipment)	15-20% p.a.
Specialised equipment (computer)	20% p.a.
Specialised equipment (software)	20% p.a.
Temporary office	10% p.a.
Nursery sheds	10% p.a.
Lab specialised equipment	15% p.a.

Depreciation of an asset begins when it is ready for its intended use. Fully depreciated assets are retained in the financial statements until they are no longer in use.

The gain or loss arising from the disposal or retirement of an item of property, plant and equipment is determined as the difference between the sale proceeds and the carrying amount of the asset and is recognised in profit or loss.

At the end of each reporting period, the residual values, useful lives and depreciation methods for the property, plant and equipment are reviewed for reasonableness. Any changes in estimate of an item is adjusted prospectively over its remaining useful life, commencing in current period.

(b) Inventories

Inventories are measured at the lower of cost and net realisable value (which is the estimated selling price less costs to complete and sell). Cost is determined on the weighted average cost method and comprises the purchase price, conversion costs and incidentals incurred in bringing the inventories to their present location and condition. The cost of conversion included cost directly related to the units of production, and a proportion of fixed production overheads on the normal capacity of the production facilities.

At each reporting date, the Council assesses whether any inventories are impaired by comparing the carrying amount of each item of inventory with its selling price less costs to complete and sell. If an item of inventory is impaired, the carrying amount is reduced to its selling price less costs to complete and sell. Any impairment losses or provision for slow moving inventories are recognised in profit or loss immediately.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

3. SIGNIFICANT ACCOUNTING POLICIES (cont'd)

(c) Impairment of non-financial assets

The carrying values of non-financial assets, other than those to which Section 27 - Impairment of Assets does not apply, are reviewed at the end of each reporting period for impairment when there is an indication that the assets might be impaired.

Impairment is measured by comparing the carrying values of the assets with their recoverable amounts. When the carrying amount of an asset exceeds its recoverable amount, the asset is written down to its recoverable amount and an impairment loss shall be recognised. The recoverable amount of an asset is the higher of the asset's fair value less costs to sell and its value in use, which is measured by reference to discounted future cash flows using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. Where it is not possible to estimate the recoverable amount of an individual asset, the Council determines the recoverable amount of the cash-generating unit to which the asset belongs.

An impairment loss is recognised in profit or loss.

When there is a change in the estimates used to determine the recoverable amount, a subsequent increase in the recoverable amount of an asset is treated as a reversal of the previous impairment loss and is recognised to the extent of the carrying amount of the asset that would have been determined (net of amortisation and depreciation) had no impairment loss been recognised. The reversal is recognised in profit or loss immediately.

(d) Financial instruments

(i) Initial recognition and measurement

The Council recognises a financial asset or a financial liability (including derivative instruments) in the statement of financial position when, and only when, it becomes a party to the contractual provisions of the instrument.

On initial recognition, all financial assets and financial liabilities are measured fair value, which is generally the transaction price, plus transaction costs if the financial asset or financial liability is not measured at fair value through profit or loss. For instruments measured at fair value through profit or loss, transaction costs are expensed to profit or loss when incurred.

(ii) Derecognition of financial instruments

A financial asset is derecognised when, and only when, the contractual rights to receive the cash flows from the financial asset expire, or when the Council transfers the contractual rights to receive cash flows of the financial asset, including circumstances when the Council acts only as a collecting agent of the transferee, and retains no significant risks and rewards of ownership of the financial asset or no continuing involvement in the control of the financial asset transferred.

A financial liability is derecognised when, and only when, it is legally extinguished, which is either when the obligation specified in the contract is discharge or cancelled or expires. A substantial modification of the terms of an existing financial liability is accounted for as an extinguishment of the original financial liability and the recognition of a new financial liability.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

3. SIGNIFICANT ACCOUNTING POLICIES (cont'd)

(d) Financial instruments (cont'd)

(iii) Subsequent measurement of financial assets

For the purpose of subsequent measurement, the Council classifies financial assets into two categories, namely: (i) financial assets at fair value through profit or loss, and (ii) financial assets at amortised cost.

After initial recognition, investments in preference shares and ordinary shares are measured at their fair values by reference to the active market prices, if observable, or otherwise by a valuation technique, without any deduction for transaction costs it may incur on sale or other disposal.

Investments in debt instruments, whether quoted or unquoted, are subsequently measured at amortised cost using the effective interest method. Investments in unquoted equity instruments and whose fair value cannot be reliably measured are measured at cost.

Other than financial assets measured at fair value through profit or loss, all other financial assets are subject to review for impairment.

(iv) Subsequent measurement of financial liabilities

After initial recognition, all financial liabilities are measured at amortised cost using the effective interest method.

(v) Fair value measurement of financial instruments

The fair value of a financial asset or a financial liability is determined by reference to the quoted market price in an active market, and in the absence of an observable market price, by a valuation technique using reasonable and supportable assumptions.

(vi) Recognition of gains and losses

Fair value changes of financial assets and financial liabilities classified as at fair value through profit or loss are recognised in profit or loss when they arise.

For financial assets and financial liabilities carried at amortised cost, a gain or loss is recognised in profit or loss only when the financial asset or financial liability is derecognised or impaired, and through the amortisation process of the instrument.

(vii) Impairment and uncollectibility of financial assets

At the end of each reporting period, the Council examines whether there is any objective evidence that a financial asset or a group of financial assets is impaired. Evidences of trigger loss events include: (i) significant difficulty of the issuer or obligor; (ii) a breach of contract, such as a default or delinquency in interest or principal payments; (iii) granting exceptional concession to a customer; (iv) it is probable that a customer will enter bankruptcy or other financial reorganisation; (v) the disappearance of an active market for that financial asset because of financial difficulties; or (vi) any observable market data indicating that there may be a measurable decrease in the estimated future cash flows from a group of financial assets.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

3. SIGNIFICANT ACCOUNTING POLICIES (cont'd)

(d) Financial instruments (cont'd)

(vii) Impairment and uncollectibility of financial assets (cont'd)

For a non-current loan and receivables carried at amortised cost, the revised estimated cash flows are discounted at the original effective interest rate. Any impairment loss is recognised in profit or loss and a corresponding amount is recorded in a loss allowance account. Any subsequent reversal of impairment loss of the financial assets is reversed in profit or loss with a corresponding adjustment to the loss allowance account, subject to the limit that the reversal should not result in the revised carrying amount of the financial assets exceeding the amount that would have been determined had no impairment loss been recognised previously.

For short-term trade and other receivables, where the effect of discounting is immaterial, impairment loss is tested for each individually significant receivable wherever there is any indication of impairment. Individually significant receivables for which no impairment loss is recognised are grouped together with all other receivables by classes based on a credit risk characteristics and aged according to their past due periods. A collective allowance is estimated for a class group based on the Council's experience of loss ratio in each class, taking into consideration current market conditions.

For an unquoted equity investment measured at cost less impairment, the impairment is the difference between the asset's carrying amount and the best estimate (which will necessarily be an approximation) of the amount (which might be zero) that the Council expects to receive for the asset if it were sold at the reporting date. The Council may estimate the recoverable amount using an adjusted net asset value approach.

(e) Provisions

Provisions are recognised when there is a present obligation, legal or constructive, as a result of a past event, when it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. Provisions are reviewed at each reporting date and adjusted to reflect the current best estimate.

(f) Revenue recognition

Revenue is measured at the fair value of the consideration received or receivables, net of return, goods and services tax, cash and trade discounts.

(i) Sales of products

Revenue from sales of products is recognised when significant risks and rewards of ownership of the products have been transferred to the buyer and where the Council does not have continuing managerial involvement and effective control over the products sold.

(ii) Fixed deposit interest income

Fixed deposit interest income is recognised on an accrual basis using the effective interest method.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

3. SIGNIFICANT ACCOUNTING POLICIES (cont'd)

(d) Revenue recognition (cont'd)

(iii) Grants

Grants are recognised as follows:

- (i) A grant that does not impose specified future performance conditions on the recipient is recognised in income when the grant proceeds are receivable.
- (ii) A grant that imposes specified future performance conditions on the recipient is recognised in income only when the performance conditions are met.
- (iii) Grant received before the revenue recognition criteria are satisfied are recognised as a liability.

Grants are measured at the fair value of the asset received or receivables.

(g) Employee benefits

(i) Short-term benefits

Wages, salaries, bonuses and social security contributions are recognised as expenses in the year in which employees of the Council render the associated services. Short-term accumulating compensated absences, such as paid annual leave are recognised when services rendered by the employees that increase their entitlement to future compensated absences; and short-term non-accumulating compensated absences, such as sick leave are recognised when the absences occur.

(ii) Long-term benefit

Long-term benefits recognised as accruals is for the *Gantian Cuti Rehat* (GCR) that is based on the accumulated leave for an employee until it reaches a maximum of 180 days before compulsory retirement. The present value of the future estimated basic salary at a discount factor of 3.00% (2023: 2.75%) has been applied for the calculation of the liability.

(iii) Defined contribution plans

The Council's statutory contributions to defined contribution plans is charged to the Statement of Comprehensive Income in the period in which it relates. Once the contributions have been paid, the Council has no further payment obligations.

As required by law, the Council makes contributions to the Employee Provident Fund (EPF). Such contributions are recognised as an expense in the Statement of Comprehensive Income as incurred.

(h) Taxation

Income tax on the profit or loss for the financial year comprises current tax. Current tax is the expected amount of income tax payable or receivable in respect of the taxable profit or loss for the financial year and is measured using the tax rates that have been enacted or substantially enacted at the reporting date and any tax adjustment payable in respect of previous financial years.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

4. CRITICAL ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

(a) Critical judgments in applying the accounting policies

There is no critical judgement made by the management in the process of applying the accounting policies that have significant effect on the amount recognised in the financial statements.

(b) Key sources of estimation uncertainty

The key assumptions concerning the future, and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are as follows:

(i) Depreciation of property, plant and equipment

The cost of an item of property, plant and equipment is depreciated on the straight-line method or another systematic method that reflects the consumption of the economic benefits of the asset over its useful life. Estimates are applied in the selection of the depreciation method, the useful lives and the residual values. The actual consumption of the economic benefits of the property, plant and equipment may differ from the estimates applied and this may lead to a gain or loss on an eventual disposal of an item of property, plant and equipment.

(ii) Provision for retirement benefits

Long-term benefits recognised as accruals is for the *Gantian Cuti-Rehat* (GCR) that is based on the accumulated leave for an employee until it reaches a maximum of 180 days before compulsory retirement. The present value of the future estimated basic salary at a discount factor of 3.00% (2023: 2.75%) has been applied for the calculation of the provision.

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

5. PROPERTY, PLANT AND EQUIPMENT

2024		Furniture, fixtures and fittings								Total RM
		Buildings RM	Leasehold land RM	Office equipment RM	Computers and accessories RM	Office renovations RM	Motor vehicles RM	Specialised equipment RM	Temporary office RM	
Cost	At 1 January 2024	17,484,871	6,616,000	2,086,422	1,859,521	2,677,489	1,471,688	100,208	372,473	65,871,427
	Additions	490,234	11,652,184	151,590	76,213	154,790	179,354	-	-	14,130,492
	Disposals	-	-	-	-	-	(276,609)	-	-	(276,609)
	At 31 December 2024	17,975,105	18,268,184	2,238,012	1,935,734	2,832,279	1,374,433	100,208	372,473	79,725,310
Accumulated depreciation	At 1 January 2024	9,771,635	359,083	1,081,931	1,578,194	2,386,617	1,305,824	100,173	372,472	40,622,496
	Chargers	885,771	110,488	207,981	90,458	128,717	92,808	-	-	4,120,616
	Disposals	-	-	-	-	-	(276,608)	-	-	(276,608)
	At 31 December 2024	10,657,406	469,571	1,289,912	1,668,652	2,515,334	1,122,024	100,173	372,472	44,466,504
Carrying amounts		7,317,699	17,798,613	948,100	267,082	316,945	252,409	35	1	35,258,806

SARAWAK BIODIVERSITY COUNCIL

(Established under the Sarawak Biodiversity Centre Ordinance,
1997 Chapter 24, Laws of Sarawak)

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

5. PROPERTY, PLANT AND EQUIPMENT (cont'd)

2023		Furniture, fixtures and fittings										Total RM
		Buildings RM	Leasehold land RM	Office equipment RM	Computers and accessories RM	Office renovations RM	Motor vehicles RM	Specialised equipment RM	Temporary office RM	Nursery sheds RM	specialised equipment RM	
Cost	At 1 January 2023	17,283,491	6,616,000	1,144,838	1,852,521	2,545,741	1,358,198	100,208	372,473	94,068	30,829,679	62,781,426
	Additions	32,046	-	941,584	7,000	131,748	-	113,490	-	-	1,694,799	2,920,667
	Disposals	169,334	-	-	-	-	-	-	-	-	-	169,334
	At 31 December 2023	17,484,871	6,616,000	2,086,422	1,859,521	2,677,489	1,471,688	100,208	372,473	94,068	32,524,478	65,871,427
Accumulated depreciation	At 1 January 2023	8,907,460	248,596	918,682	1,485,760	2,272,179	1,220,539	100,173	372,472	94,063	20,400,793	36,584,197
	Chargers	864,175	110,487	163,249	92,434	114,438	7,788	85,285	-	-	2,600,443	4,038,299
	At 31 December 2023	9,771,635	359,083	1,081,931	1,578,194	2,386,617	1,305,824	100,173	372,472	94,063	23,001,236	40,622,496
Carrying amounts		7,713,236	6,256,917	1,004,491	281,327	290,872	12,941	165,864	35	1	5	25,248,931

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

6. INVENTORIES

	2024 RM	2023 RM
At cost:		
LitSara® line products	46,534	51,073
NatureSara® line products	67,477	17,650
AdenoSara® line products	6,794	-
	120,805	68,723

7. TRADE AND OTHER RECEIVABLES

	2024 RM	2023 RM
Trade receivables	107,670	6,668
Other receivables	10,009	383,496
Contractual prepayments	74,667	165,367
Fixed deposit interest receivables	282,715	142,522
	475,061	698,053

Other receivables include reimbursements receivable for research and development expenditure of **RM Nil** (2023: RM335,372) (Note 11).

8. FIXED DEPOSITS

	2024 RM	2023 RM
Fixed deposits with licensed banks	21,005,143	17,005,000

Fixed deposits with licensed banks of the Council at the end of the reporting period having maturity periods of twelve (12) months (2023: six (6) to twelve (12) months) and bore effective interest rates ranging from 2.50% to 4.05% (2023: 2.80% to 4.00%) per annum.

9. CASH AND BANK BALANCES

	2024 RM	2023 RM
Cash on hand	322	677
Cash at banks	1,568,527	7,817,769
Total cash and bank balances	1,568,849	7,818,446

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

10. PROVISION FOR RETIREMENT BENEFITS

	2024 RM	2023 RM
Balance at 1 January	189,002	182,423
Paid during the year	(4,728)	(14,759)
Provision for the year (Note 16)	63,881	21,338
Balance at 31 December	248,155	189,002
Current provision for retirement benefits	1,423	21,338
Non-current provision for retirement benefits	256,826	167,664
	258,249	189,002

This provision is for the *Gantian Cuti-Rehat* (GCR) which is based on the accumulated leave for an employee until it reaches a maximum of 180 (2023: 160) days before compulsory retirement.

11. DEVELOPMENT GRANTS

	2024 RM	2023 RM
Balance as at 1 January	16,484,444	14,420,753
Received during the year	23,509,013	13,539,873
Amortised during the year (Note 15)	(13,628,611)	(2,835,714)
Offset against research and development expenses	(8,712,100)	(8,640,468)
Balance as at 31 December	17,652,746	16,484,444
Add: Reclassification as other receivables (Note 7)	(102,264)	233,108
Balance at 31 December	17,550,482	16,717,552

Development grants comprise grants received from the Sarawak Government and collaborators for research and development. At 31 December 2024, reimbursements receivable for research and development expenditure of **RM Nil** (2023: RM335,372) were reclassified as other receivables.

12. TRADE AND OTHER PAYABLES

	2024 RM	2023 RM
Trade and other payables	595,527	1,356,039
Deposits payable	20,491	20,335
Accruals	81,146	450,229
	697,164	1,826,603

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

13. PROVISION FOR TAX/INCOME TAX EXPENSES

In exercising the powers under Section 127(3)(b) of Income Tax Act 1967, YB Menteri Kewangan Malaysia has made a new order: **Income Tax (Exemption) (No.22) Order 2006 [P.U. (A) 207 @ 01 June 2006]**. This order is applicable to Sarawak Biodiversity Council where the Minister has exempted:

- (a) any person from the payment of income tax in respect of income relating to the allocations given by the Federal or State Government in the form of grant or subsidy; and
- (b) a statutory body from the payment of income tax in respect of income derived from:
 - (i) the income received in respect of an amount chargeable and collectible from any person in accordance with the provisions of the Act regulating the statutory authority; or
 - (ii) any donations or contribution received.

This Order shall have effect from the Year of Assessment 2006. Income Tax (Exemption) (No.17) Order 1995 [P.U. (A) 213/1995] and Income Tax (Exemption) (No.4) Order 2003 [P.U. (A) 33/2003] are revoked from the Year of Assessment 2006.

The provision for tax is made based on the fixed deposit interest and certain income only.

	2024 RM	2023 RM
Tax payable/(refundable):		
Balance at 1 January	19,836	(116,748)
Tax refunded	-	103,294
Tax paid	(200,014)	(108,000)
Balance at 31 December	(180,178)	(121,454)
Provision for tax:		
Current year tax at 24%	180,726	141,290
Over provision in previous financial year	(13,276)	-
Presented as (Tax refundable)/Tax payable	167,450	141,290
	(12,728)	19,836
Income tax expense for the year	167,450	141,290

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

14. REVENUE

	2024 RM	2023 RM
Fixed deposit interest income	753,026	533,393
Tender document fee	13,650	12,450
Sales of products	197,064	105,233
Other income	147,080	-
Gain on disposal of property, plant and equipment	65,000	-
	1,175,820	651,076

15. GOVERNMENT GRANTS

	2024 RM	2023 RM
Operating grant	11,000,000	11,000,000
Amortisation of development grant (Note 11)	13,628,611	2,835,714
	24,628,611	13,835,714

The operating grant received from State Government is mainly for operating expenditures. The development grant is amortised for the cost of property, plant and equipment capitalised for the year.

16. STAFF COSTS

	2024 RM	2023 RM
Personnel emolument and fixed allowances	7,144,690	6,669,856
Provision for retirement benefits (Note 10)	63,881	21,338
Staff incentives and other financial benefits	1,196,725	999,594
EPF contributions	1,000,645	932,899
SOCSSO contributions	95,719	89,046
Overtime allowances	78,943	82,856
Transport and travelling	310,253	281,151
Medical expenses	120,361	105,972
Staff uniform	29,435	33,810
	10,040,652	9,216,522
Number of employees at end of year	133	137
Number of retirees at end of year	2	1
	135	138

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

17. OTHER OPERATING EXPENSES

	2024 RM	2023 RM
Advertisement	32,152	17,218
Audit and accounting fees	69,700	9,646
Bank charges	1,813	1,671
Computer and accessories	553,383	203,335
Consultancy and professional fees	133,094	120,566
Conference and seminar fees	32,562	39,393
Council Members' allowances and sitting fees	117,390	110,665
Electricity charges and distribution	312,723	316,095
Entertainment and hospitality	62,469	100,759
Food and beverages	149,353	23,790
Fuel and lubricants	104,902	25,472
Human resource development expenses	89,365	157,683
Lab consumables	24,821	106,909
Lab and research maintenance	52,078	290,157
Indigenous Knowledge Benefit Sharing	7,791	7,125
Insurance charges	58,205	89,148
Motor vehicle road tax	1,960	1,533
Newspapers and magazines	29,086	37,558
Other electrical equipment	162,445	19,582
Office/lab equipment, furniture and fittings, and etc	75,808	56,950
Office expenses	248,183	232,355
Office maintenance	805,790	763,128
Other purchased services	-	1,335
Photography and camera equipment	-	399
Postage and courier	4,183	3,779
Printing and stationery	80,865	84,275
Repairs and maintenance-motor vehicles	42,941	74,091
Telecommunication and internet charges	33,616	36,547
Venue, transport and event cost	218,141	80,494
Water charges	30,856	17,359
Warranty written off	90,701	53,742
	3,626,376	3,082,759

Notes to the Financial Statements

For The Financial Year Ended 31 December 2024

18. CAPITAL COMMITMENTS

	2024 RM	2023 RM
Capital commitments		
<u>Capital expenditures: Property, Plant and Equipment</u>		
Capital expenditure approved but not contracted for	1,556,328	835,000
Capital expenditures:		
Capital expenditure approved and contracted for	3,694,110	2,026,837

19. FINANCIAL INSTRUMENTS

19.1 Categories of financial instruments

	2024 RM	2023 RM
<u>Financial assets measured at amortised cost</u>		
- Trade and other receivables (excluding prepayments) (Note 7)	400,394	532,686
- Cash and bank balances (Note 8)	1,568,849	7,818,446
- Fixed deposits (Note 9)	21,005,143	17,005,000
<u>Financial liabilities measured at amortised cost</u>		
- Trade and other payables (Note 12)	698,164	1,826,603
- Provision for retirement benefits (Note 10)	258,249	189,002

19.2 Net gains arising from financial instruments

	2024 RM	2023 RM
Net gains on financial assets measured at amortised cost:		
- Fixed deposit interest income (Note 14)	753,026	533,393

20. COMPARATIVE FIGURES

The following figures have been reclassified to conform with the presentation of the current year financial statements:-

	As Restated RM	As Previously Reported RM
<u>Statement of financial position</u>		
Trade and other payables	1,826,603	1,822,409
Provision for Indigenous Knowledge Benefit Sharing	-	4,194
<u>Statement of cash flows:</u>		
Provision for Indigenous Knowledge Benefit Sharing	-	4,194
Increase in trade and other payables	1,182,433	1,178,239

INNOVATION AND COMMERCIALISATION OF RESEARCH

Innovation and Commercialisation of Research

MICROALGAE FACILITY, GEDONG AS A COMMUNITY-BASED PROJECT

As part of a visionary effort to advance green energy and uplift rural communities, the Premier of Sarawak, YAB Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg, announced a community-based microalgae cultivation project in Gedong. The project aims to demonstrate the viability of microalgae as a sustainable and income generating resource for rural development.

Established by SBC in 2024, the small-scale demonstration facility is expected to be fully operational by the end of 2025. This facility will support research and demonstration for local smallholders to grow microalgae aiming for crude oil feedstock. The oil produced can be used to power generators, allowing communities to sell renewable electricity to the grid and potentially generate income while contributing to Sarawak's green energy agenda.

This initiative supports the Premier's vision of transforming Gedong into a model district for innovation, sustainability, and economic growth, in line with the Post COVID-19 Development Strategy (PCDS 2030). By equipping rural communities with green technologies, the project showcases how bio-based solutions can bridge science and economic opportunity.

Moving forward, SBC will provide technical support and seed cultures with a long-term goal of replicating the model across rural Sarawak to establish a resilient network of microalgae growers contributing to both renewable energy production and climate action.



Innovation and Commercialisation of Research



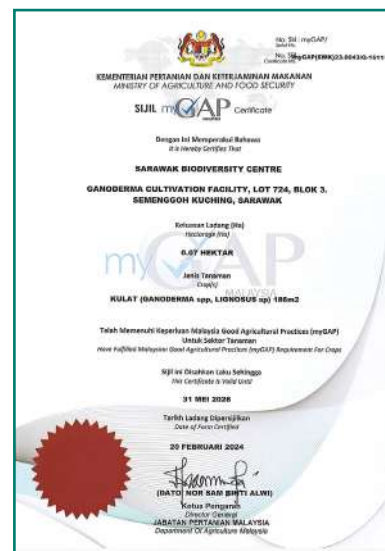
COMMERCIALISATION OF SARAWAK'S *GANODERMA*

In 2024, the development of Sarawak's *Ganoderma* continued to make significant progress within the pre-commercialisation stage. A major milestone was achieved with the *Ganoderma* Cultivation Facility (GCF) at SBC being officially certified under the Malaysian Good Agricultural Practices (MyGAP) on 20th February 2024, a critical step towards ensuring quality-assured production standards that meet national regulatory requirements.

To establish a robust scientific foundation for the commercial value of the local *Ganoderma*, extensive nutritional profiling and bioactivity assessments were completed. The crude ethanolic extract demonstrated high antioxidant capacity, indicating potential use in health-promoting formulations. Further analysis revealed that the dried fruiting bodies are notably rich in Vitamin E and macronutrients, with potassium as the most abundant, followed by calcium, magnesium, and sodium - highlighting its potential as a nutrient-dense functional ingredient.

The *Ganoderma* materials were also evaluated through various quality and toxicological tests. Heavy metal contents were within the acceptable limits as defined by the National Pharmaceutical Regulatory Agency (NPRA).

A key scientific advancement in 2024 was the identification of three novel compounds, isolated from the local *Ganoderma* strain, which adds to the uniqueness and intellectual property potential of Sarawak's *Ganoderma* in future health and wellness applications.



WORKING WITH COMMUNITIES AND SUSTAINABLE BIOPROSPECTING

Working with Communities



From Traditional Knowledge Documentation to sustainable commercialisation.

In line with the commitment to preserving Sarawak's TK, SBC continued to advance its Documentation Programme throughout 2024. This initiative focuses on safeguarding the traditional uses of plants among Indigenous communities in Sarawak, ensuring that valuable traditional practices and ecological knowledge is preserved for future generations while promoting sustainable resource utilisation.

The key activities under the programme include:

a. Community engagement and fieldwork activities

SBC conducted series of workshops and field sessions across participating villages to identify and document TK related to valuable plant species. These sessions emphasised the knowledge-sharing and mutual learning between generations and among diverse ethnic groups.

b. Application of tools in TK Documentation

Tools such as mobile phones and cameras were used to capture interviews in native languages, preserving insights into plant uses and traditional practices.

c. Inter-generational knowledge transfer

Plant review sessions were organised to encourage active participation from both elder and younger generation, promoting continuity of knowledge and practices to be disseminated among the community.

d. Ex-situ propagation and sustainability

SBC has engaged the community in establishment of community farm and to propagate valuable plant species outside their natural habitats, supporting sustainable forest management and ensuring long-term availability.

e. Ethical frameworks: PIC and ABS

The programme adheres to the implementation of Prior Informed Consent (PIC) and Access and Benefit Sharing (ABS) mechanisms to ensure the equitable benefits of the communities. These frameworks enable communities to benefit from product development, commercialisation, income generation, and knowledge transfer which is aligned with the goals of Sarawak's PCDS 2030.

Working with Communities

Since its inception in 2002, the TK Documentation Programme has reached 121 villages/areas, engaging 17 ethnic groups and 10 sub-ethnic groups across Sarawak. To date, SBC has successfully documented 7,387 plant species.

2024 Highlights:

6 TK Consultative Meetings	6 First TK Documentation Workshops	7 TK Follow-Up Trips	Inclusion of the Sihan community as a newly engaged ethnic group
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During the year, the team identified a challenge: limited community interest or awareness regarding TK preservation. To address this, SBC plans to integrate community-driven interests into future capacity-building sessions, including training on digital documentation, social media engagement, and digital marketing to empower communities to take ownership of their heritage in innovative ways.

STATUS ON ETHNO BIOLOGICAL RESEARCH (EBR) PROGRAMME

SBC has carried out the following:

a. Six TK Consultative Meetings

No	Date	Location	Community Involved
1	23 rd January 2024	Lundu District Office	Malay
2	27 th February 2024	Bintulu District Office	Punan
3	12 th March 2024	Telang Usang District Office	Kayan
4	26 th March 2024	Sarikei District Office	Melanau
5	23 rd April 2024	Song District Office	Iban
6	23 rd April 2024	Sg Asap Sub-District Office	Ukit

b. Six 1st TK Documentation Workshops

No	Date	Location	Community Involved
1	25 th - 28 th March 2024	Kampung Nanga Chelling, Sungai Poi Hilir, Kanowit, Sibu	Iban
2	6 th - 9 th May 2024	Kampung Sungai Dangan, Belaga, Kapit	Sihan
3	15 th - 18 th July 2024	Kampung Metang Desa, Kabong, Betong	Malay
4	19 th - 22 nd August 2024	Uma Baha, Sg Asap, Belaga, Kapit	Kenyah
5	2 nd - 9 th September 2024	Kampung Kuap, Padawan, Kuching	Bidayuh
6	23 rd - 26 th September 2024	Kampung Lama Selalang, Sarikei	Melanau

Working with Communities

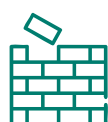
c. Seven TK Follow-Up Trips with participating villages (on-going TK programme)

No	Date	Location	Community Involved
1	26 th - 29 th February 2024	Kampung Pasir Pandak, Kuching	Malay
2	15 th - 17 th April 2024	Long Iman, Mulu, Miri	Penan
3	17 th - 19 th April 2024	Batu Bungan, Mulu, Miri	Penan
4	24 th - 27 th June 2024	Rumah Nyalong, Pakan, Sarikei	Iban
5	25 th - 28 th August 2024	Long Pelutan, Baram, Miri	Kenyah
6	23 rd - 26 th September 2024	Long Bedian, Long Lama, Miri	Kayan
7	14 th - 17 th October 2024	Rumah Entakong, Limbang	Iban

TERAJU Dana Pembangunan Usahawan Bumiputera (DPUB) Project entitled “Improving Sarawak’s Indigenous Community Livelihoods Through Sustainable Production and Commercialisation of LitSara®”.

This initiative is supported under the Federal Government’s Dana Pembangunan Usahawan Bumiputera (DPUB), mandated to TERAJU through the Ministry of Economic Affairs (MEA). The project aligns with national efforts to advance the Bumiputera agenda by promoting inclusive development and enhancing community well-being.

KEY OBJECTIVES:



Infrastructure Enhancement

Strengthen community livelihoods by upgrading and expanding facilities for the sustainable production of LitSara® essential oil derived from *Litsea cubeba*.



Product Innovation and Commercialisation

Support the development of new product lines, refine marketing approaches, and accelerate the commercialisation of LitSara® to increase market reach and economic impact.



Harvesting *Litsea cubeba* fruit

In 2024, SBC successfully carried out eighteen (18) follow-up trips which involved inventory trips of *Litsea cubeba*, capacity building on distillation activities, myOrganic Certification Site Inspection related trip, and Project Implementation Committee Meetings.

Working with Communities

The list of trips carried out in 2024 for TERAJU project is stated below:

No	Location	Date	Activity
1	Kampung Kiding, Padawan	2 nd April 2024	Inventory trip of <i>Litsea cubeba</i>
		29 th April 2024	Project Implementation Committee meeting
		2 nd May 2024	Farm inspection for myOrganic Certification by DOA
		9 th May 2024	Inventory trip of <i>Litsea cubeba</i>
		20 th June 2024	• Refresher course for the Distillation of LitSara[®] Oil and Other Plants • Project Implementation Committee meeting
		31 st July 2024	Inventory trip of <i>Litsea cubeba</i>
		10 th September 2024	Project Implementation Committee meeting
		11 th September 2024	TERAJU and Sarawak Tourism Board visit to Kampung Kiding
		5 th - 6 th December 2024	• Eco-tourism workshop by Sarawak Tourism Board • Refresher course of using Blockchain app • Project Implementation Committee meeting
		12 th December 2024	TERAJU CEO visit to Kampung Kiding
2	Long Rusu, Ba'kelalan	24 th March 2024	• Inventory trip of <i>Litsea cubeba</i> • Project Implementation Committee meeting
		1 st - 2 nd August 2024	• Refresher course for the Distillation of LitSara[®] Oil and Other Plants • Refresher course of using Blockchain app • Project Implementation Committee meeting
		7 th - 12 th October 2024	• Acclimatisation of Litsea Tissue culture at Long Rusu • Inventory trip of <i>Litsea cubeba</i> • Project Implementation Committee meeting
		29 th November - 1 st December 2024	• LitSara[®] Project Follow up trip • Inventory trip of <i>Litsea cubeba</i> • Project Implementation Committee meeting

Working with Communities

No	Location	Date	Activity
3	Long Telingan, Lawas	25 th March 2024	• Inventory trip of <i>Litsea cubeba</i> • Project Implementation Committee meeting
		30 th - 31 st July 2024	• Refresher course for the Distillation of LitSara® Oil and Other Plants • Refresher course of using Blockchain app • Project Implementation Committee meeting
		7 th - 9 th October 2024	• LitSara® Project Follow up trip • Internal audit of <i>Litsea</i> farm by DOA
		27 th - 28 th November 2024	• LitSara® Project Follow up trip • Inventory trip of <i>Litsea cubeba</i> • Project Implementation Committee meeting

Green and Resilient Recovery Local Action Grant (GRR).

In 2024, SBC secured funding from the United Nations Development Programme (UNDP) under the Green Recovery and Resilience (GRR) initiative. The approved project, titled “**Harnessing Green Energy Solutions for Sustainable Production of AdenoSara® Essential Oil to Uplift Communities’ Livelihood of Bidayuh of Kampung Semadang, Penrissen and Iban of Rumah Simon, Lubok Antu**”, exemplifies SBC’s ongoing commitment to inclusive, sustainable development and biodiversity conservation.

Scheduled to commence in October 2024, the project will directly benefit approximately 40 households across two Indigenous communities in Sarawak, namely the Bidayuh of Kampung Semadang, Penrissen, and the Iban of Rumah Simon, Lubok Antu. By integrating green energy solutions into the production of AdenoSara® essential oil and other high-value plant essential oils, the initiative aims to enhance community resilience and economic well-being.

This project aligns with SBC’s broader strategic goals by:



Promoting sustainable production practices that utilise Sarawak’s rich biological resources responsibly



Advancing the adoption of renewable energy technologies to reduce environmental impact



Enhancing rural income generation through targeted capacity building and community empowerment

Working with Communities

Through this collaboration with UNDP, SBC continues to lead efforts in biodiversity conservation while fostering resilient, green economies in rural Sarawak. The initiative not only supports environmental sustainability but also strengthens the socio-economic fabric of Indigenous communities, ensuring that development is both inclusive and enduring.

The registration of MadhuSara® from Sekiu oil used by the Melanau community.

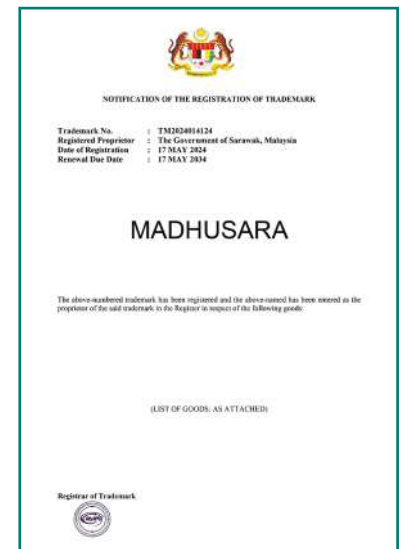


Melanau communities of Kampung Jemoreng proudly displaying their Sekiu oil

On 17th May 2024, SBC successfully registered its fourth trademark, MadhuSara®, which will remain valid until 17th May 2034. This new trademark follows the earlier registrations of LitSara®, AdenoSara®, and NatureSara®, further strengthening SBC's intellectual property portfolio. The Sekiu oil product will be commercialised under the MadhuSara® brand, reinforcing SBC's commitment to sustainable development and value creation through biodiversity.



Sekiu fruit



Sustainable Bioprospecting

NATURAL PRODUCT LIBRARY - TREASURES FROM SARAWAK'S BIODIVERSITY

SBC's NPL was established to systematically collect, extract, and characterise compounds derived from Sarawak's diverse biological resources. This curated repository serves as a valuable source of chemical diversity, enabling researchers to explore a wide range of extracts with targeted applications in pharmaceuticals, cosmeceuticals, nutraceuticals, and other bio-based industries.

Aligned with the goals of PCDS 2030, the NPL supports Sarawak's aspiration to transition from resource-based to innovation-led economic growth. By leveraging the State's rich biodiversity and integrating advanced research capabilities, the NPL facilitates the discovery of bioactive compounds that can lead to high-value commercial products.

Through artificial intelligence, data analytics, strategic collaborations, and advanced screening techniques, scientists and industry partners can harness the potential of the NPL to discover lead compounds for therapeutic development. This initiative forms a key component in the research-to-commercialisation pipeline, enabling a smoother transition from scientific discovery to market-ready solutions.

As of 2024, the Natural Product Library comprised of:



28,563
Plant extracts



40
Chemically identified compounds



34
Scent tracks



704
Essential oil



23,653
Microbial strains



33,476
Microbial extracts



680
Algae strains



186
Rice extracts



701
Screening of marine samples against cancer cell line



3
Types of enzymes



8
Pigments



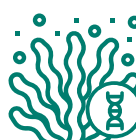
1
Metagenome



2
Plant transcriptomes



27
Microbial genomes



26
Algae genomes



Sustainable Bioprospecting



NATURAL PRODUCT EXTRACTION FOR PHYTOCHEMICAL RESEARCH

The Sample Extraction Laboratory serves as a key driver in the natural product discovery pipeline, playing a crucial role in unlocking the phytochemical potential of Sarawak's rich and diverse bioresources.

The laboratory specialises in extracting bioactive compounds and essential oils from medicinal and aromatic plants using a range of conventional and advanced techniques.

To ensure high-quality outputs, the extracts are analysed using advanced analytical platforms including High-Performance Liquid Chromatography (HPLC), Liquid Chromatography-Mass Spectrometry (LC-MS), and Gas Chromatography-Mass Spectrometry (GC-MS). These tools enable detailed chemical profiling and quality control, providing crucial data for downstream applications.

By integrating multidisciplinary techniques with digital tools and sustainable practices, the Sample Extraction Laboratory plays a pivotal role in driving phytochemical research forward. It supports the discovery and development of high-value natural products for applications in pharmaceuticals, cosmeceuticals, nutraceuticals, and a wide range of bio-based industries, in alignment with Sarawak's PCDS 2030.

Sustainable Bioprospecting

YEAST AS A SUSTAINABLE SOLUTION IN CIRCULAR ECONOMY

With rising global demand for renewable energy, oleaginous yeast has emerged as a promising organism for biodiesel production, owing to its ability to convert agricultural waste into lipids. A strain of *Rhodospiridium toruloides* isolated from Sarawak in year 1995 exemplifies this potential - efficiently utilising sugar-rich waste to grow and accumulate lipids, which are subsequently converted into biodiesel through transesterification.

Sarawak's palm oil sector generates overwhelming quantity of organic waste, presenting both a challenge and a valuable resource. Research by SBC has demonstrated the successful cultivation of oleaginous yeast using oil palm sap, a byproduct rich in fermentable sugars. This breakthrough highlights the feasibility of integrating local agricultural residues into sustainable energy systems.



Vibrant reddish-orange colonies of *Rhodospiridium toruloides* growing on agar

Biodiesel production using yeast follows five key stages: (1) substrate preparation, (2) fermentation, (3) lipid extraction, (4) transesterification, and (5) purification. To scale this innovation effectively, several barriers must be addressed, including streamlining oil palm sap extraction within existing biomass value chains to minimise overhead and logistics costs, improving waste-to-lipid conversion efficiency, enhancing yeast strain robustness, and optimising fermentation at industrial scale.

By leveraging oleaginous yeast, Sarawak can adopt a circular, sustainable approach to biodiesel production. With focused investment and strategic research, this biotechnology holds substantial promise for advancing energy resilience and environmental sustainability.



HIGHLIGHTS

Public Engagement

EXHIBITIONS

Petrosains' 25th Anniversary, Quarter 1 (Biodiversity and Ecosystem), Petrosains Playsmart Kuching, Civic Centre, Kuching 1st - 3rd March 2024

SBC participated in the Petrosains 25th Anniversary celebration and Quarter 1 Programme held over the weekend at Petrosains PlaySmart Kuching, Civic Centre. The programme, themed “**Biodiversity and Ecosystem**”, focused on raising awareness of the importance of natural resources and biodiversity conservation.

Throughout the event, SBC conducted a series of interactive hands-on activities and science-based demonstrations aimed at educating the public about ecosystems and the role of biodiversity. SBC also showcased its signature LitSara® and NatureSara® products, which represent its initiatives in bioprospecting and traditional knowledge. The event attracted students, teachers and the public at all ages and served as an engaging platform to promote sustainability, environmental awareness, and community-based conservation efforts.



Karnival Gawai Dayak 2024, Dewan Manggeng dan Dewan Ri'is, Kampung Sungai Duuh, Siburan 7th - 8th June 2024

On 7th and 8th June 2024, SBC participated in the Sambutan Gawai Dayak Peringkat Negeri 2024, held at Dewan Manggeng and Dewan Ri'is, Kampung Sungai Du-uh, Siburan. The exhibition was organised by the Ministry of Education, Innovation and Talent Development Sarawak (MEITD) and served as a strategic platform to engage with the public, promote innovation, and celebrate Sarawak's diverse cultural heritage.

The event was officially launched by YB Dato Sri Roland Sagah Wee Inn, Minister for Education, Innovation and Talent Development. SBC's booth highlighted key efforts such as traditional knowledge documentation, biodiversity conservation, and the promotion of natural products like LitSara® and NatureSara®. The participation helped raise awareness about the importance of preserving indigenous knowledge and biodiversity while supporting Sarawak's sustainable development goals.



Public Engagement



Rainforest World Music Festival 2024, Kuching

28th - 30th June 2024

SBC participated throughout the three-day Rainforest World Music Festival 2024 (RWMF), offering visitors educational and sensory experiences centered on biodiversity, traditional knowledge, and sustainable innovation. SBC introduced the festival goers to the aromatic wonders of the Bornean forests at its booth, accompanied by a traditional spa setup designed to refresh and rejuvenate visitors.

The visitors experienced forest scents and interacted with dedicated indigenous community members who showcased LitSara®, Sarawak's very own essential oil developed through collaborative Access and Benefit Sharing efforts.

STEM Trailblazers Sarawak 2024, University of Technology Sarawak (UTS), Sibü

12th - 13th July



On 12th - 13th July 2024, SBC took part in STEM Trailblazers Sarawak held at the Tun Abdul Taib Mahmud Chancellor's Hall, University of Technology Sarawak (UTS), Sibü. Organised by Ministry of Education, Innovation and Talent Development Sarawak in collaboration with the School of Computing and Creative Media of UTS, the two-day event aimed to inspire students in Science, Technology, Engineering, and Mathematics.

SBC's team presented interactive science demonstrations, including an anatomy exploration and a step-by-step walkthrough of developing medicine (tablets) - from laboratory formulation to retail distribution. Through these engaging exhibits, SBC sought to ignite student interest in STEM disciplines and highlight the value of scientific applications.

Public Engagement

Sarawak Energy Berhad's (SEB) Corporate Biodiversity Day, Sarawak Energy Headquarters, Kuching

24th - 25th July 2024

SBC participated in Sarawak Energy Berhad's Corporate Biodiversity Day, which took place on 24th and 25th July 2024 at the SEB Headquarters at The Isthmus, Kuching.

This event marked the celebration of the International Day for Biological Diversity - annually observed on 22nd May - with the 2024 theme **"Be Part of the Plan"**, calling for collective action to halt and reverse biodiversity loss.



10th World Congress of Herpetology, Borneo Convention Centre Kuching (BCKK), Kuching

5th - 9th August 2024

SBC took part in the 10th World Congress of Herpetology from 5th to 9th August 2024 at BCKK. The event served as a vital platform for the global herpetological community, aimed to facilitate the exchange and dissemination of scientific knowledge and findings in the field of herpetology through the organisation of international congresses held every three to five years and to promote public awareness, respect, and appreciation for amphibians and reptiles.

SBC's involvement in the exhibition contributed to these objectives by showcasing ongoing research, conservation initiatives, and educational outreach efforts.



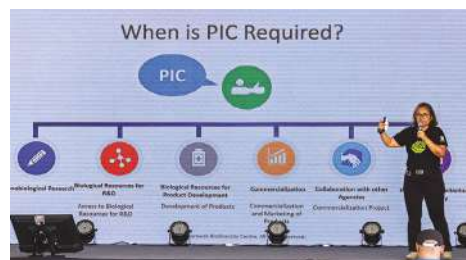
7th Edition Sarawak International Jamboree Expo, Saradise, Kuching

14th - 15th September 2024

SBC took part in the Sarawak 4X4 International Jamboree 2024, held from 13th to 15th September 2024 at Saradise Kuching instagram.

We set up a booth where visitors explored and purchased our natural products, including LitSara® Essential Oils, NatureSara® Scents, and nourishing body oils.

Head of Corporate Affairs, MsAshaDevi Kaushal, addressed participants in her talk titled **"Harnessing Biodiversity through Sustainable Practices and Governance"**, discussing ways 4X4 enthusiasts can contribute to preserving biodiversity through responsible practices.



Public Engagement



Program Madani Rakyat Zon Sarawak Tahun 2024, Boulevard Mall Carpark, Miri 27th - 29th September 2024

SBC received a visit from Deputy Prime Minister YAB Dato' Sri Haji Fadillah Yusof at the *Program Madani Rakyat Sarawakku Sayang* Exhibition, which was held at the Boulevard Mall grounds in Miri from 27th to 29th September 2024. SBC introduced its collaborative projects with indigenous communities, biodiversity-focused research and development, and the commercialisation journey of its products to YAB Dato' Sri.



Pulau Bruit Festival 2024, Daro 13th - 15th September 2024

SBC participated in Pesta Pulau Bruit 2024, held from 13th to 15th September 2024 at the Rural Growth Center (RGC) in Semop, Pulau Bruit, Daro.

At the exhibition booth, the SBC team showcased an extensive array of products, including the revitalising LitSara® Body Oil, soothing Essential Oils, and captivating NatureSara® Scents. A standout feature was the presentation of Sekiu, the golden oil of Sarawak - sustainably harvested and processed by the Melanau community. This traditional oil, integral to Melanau culinary heritage, was demonstrated in dishes like sago pearls with salt, porridge, and salted fish, noted for its rich almond aroma.

The festival was officially officiated by YAB Datuk Patinggi (Dr.) Abang Haji Abdul Rahman Zohari Bin Tun Abang Haji Openg, elevating the event's prestige.

Public Engagement

Waste Management and Circular Economy Weekend Special 2024, Petrosains PlaySmart, Kuching

20th - 22nd September 2024

On 20th - 22nd September 2024, SBC participated in the Waste Management and Circular Economy Weekend Special 2024, held at Petrosains, Civic Centre Kuching. The event ran throughout the week and featured a range of sustainability- focused activities.



Pameran Citarasa Sarawak 2024 (Sarawak Week) in conjunction of launching of Sarawak Trade and Tourism Office Brunei, Pavo Point, Brunei Darussalam

30th September - 3rd October 2024

The SBC team was in Brunei for Sarawak Week (Citarasa Sarawak 2024), which took place at Pavo Point, Bandar Seri Begawan, from 30th September to 3rd October 2024. The event coincided with the launch of the Sarawak Trade and Tourism Office Brunei (STATOB) at the same venue. STATOB was officially inaugurated by the Right Honourable Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg, Premier of Sarawak, on 3rd October 2024. Established by the Sarawak government, STATOB aimed to promote trade, tourism, and investment opportunities between Sarawak and international markets, particularly Brunei. It served as a one-stop centre for businesses and investors to explore Sarawak's potential in sectors such as natural resources, agriculture, technology, and manufacturing, while also showcasing the state's rich cultural and tourism offerings.



Pameran Hari Terbuka Pusat Penyelidikan Pertanian Semengok 2024 Sempena Sambutan 100 tahun Jabatan Pertanian Sarawak, Kuching

4th - 5th October 2024

SBC participated in the Hari Terbuka at the Agriculture Research Centre (ARC) in Semongkok on 4th - 5th October 2024. During the event, they showcased their LitSara® and NatureSara® products, along with the Scents of Borneo collection.

Visitors had the opportunity to explore the latest developments in agricultural research, local innovations, and the diverse flora of Sarawak.



Public Engagement



Sarawak Career and Training Fair (SCaT FAIR 2024), Hikmah Exchange Event Centre, Kuching

5th - 6th October 2024

SBC participated in the Sarawak Career and Training (SCaT) Fair 2024, which was held from 5th to 6th October 2024 at the Hikmah Exchange Event Centre (HEEC) in Kuching.



The event was organised by the Ministry of Education, Innovation and Talent Development Sarawak (MEITD), in collaboration with Tabung Ekonomi Gagasan Anak Sarawak (TEGAS) and supported by the Social Security Organisation (SOCSSO).

The aims were to provide information on education and career paths, outline available financial aid from multiple agencies, and improve the employability of graduates and youth. The event also promoted informed decision-making among students and encouraged interest in STEM and medical fields.

WEBINAR AND PUBLIC AWARENESS TALK 2024

Yeast Metabolic Engineering for Sustainable Production of Food Ingredient and Value-Added Products by Dr Eun Joong Oh, SBC

24th July 2024

Sarawak Biodiversity Centre
SBC PUBLIC AWARENESS TALK

Yeast Metabolic Engineering for Sustainable Production of Food Ingredients and Value-Added Products

DATE 24 July 2024, Wednesday
TIME 10.30 am

VENUE Seminar Room, Integrated Biodiversity Research Building (IBRB), Sarawak Biodiversity Centre

REGISTRATION FOR PHYSICAL ATTENDEES
<https://shorturl.at/jj3o5h>

REGISTRATION FOR ZOOM ATTENDEES
<https://bit.ly/SBC-Public-Talk>

Dr Eun Joong Oh
Department of Food Science, Purdue University, United States

MORE INFO AT WWW.SBC.ORG.MY

On 24th July 2024, SBC hosted a public awareness talk titled **“Yeast Metabolic Engineering for Sustainable Production of Food Ingredients and Value Added Products”** by Dr Eun Joong Oh, Assistant Professor in the Department of Food Science at Purdue University.

Dr Oh presented his research on using engineered yeast to produce food ingredients and value-added chemicals more sustainably. He explained how advanced metabolic engineering can improve fermentation of sugars from non-food plant biomass, addressing industrial challenges like high feedstock costs and low productivity.

Public Engagement

Endemic Inland Fishes of Borneo by Dr Tan Heok Hui

15th August 2024

On 15th August 2024 at 10:00AM, the SBC held a webinar featuring Dr Tan Heok Hui, Curator of Fishes at the Lee Kong Chian Natural History Museum, National University of Singapore. The session focused on the inland fishes of Borneo, with particular emphasis on species inhabiting peat swamps and hill streams.

During the webinar, Dr Tan highlighted that over 350 endemic fish species have been documented in Borneo, representing an endemism rate of approximately 50%. He noted that the majority of these species belong to three families: Cyprinidae (about 100 species), Gastromyzontidae (around 60), and Osphronemidae (nearly 50). He also addressed key conservation issues facing these native species.

Dr Tan's extensive research encompasses the taxonomy of Southeast Asian freshwater fish, including fighting fish (*Betta*), the systematics of *Gastromyzon* in Borneo, and ecology of mangrove and coastal fish in Singapore. To date, he has described over 130 fish species and published more than 120 scientific papers.



Camera Trapping: Revealing the Hidden Secrets of the Rainforest by Chien Lee

22nd August 2024

On 22nd August 2024 at 10:00AM, SBC hosted a public awareness talk titled **"Camera Trapping: Revealing the Hidden Secrets of the Rainforest"**.

The session was led by Chien C. Lee, a biologist-turned-photographer who had spent over two decades refining camera-trapping techniques across Southeast Asia, particularly in Borneo. He shared insights into the challenges and rewards of using camera traps to photograph rare and elusive rainforest wildlife and presented a selection of his most treasured images along with the compelling stories behind them.

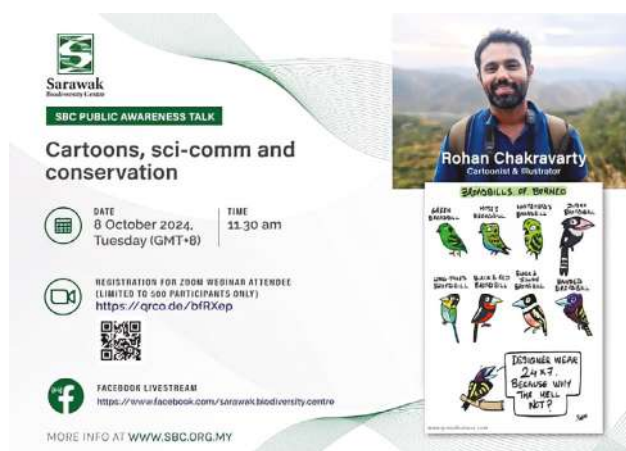
His pioneering camera-trap work captured many rare and endangered species for the first time, and he consistently utilised photography to foster greater public awareness of conservation issues.



Public Engagement

Cartoons, Sci-Comm, and Conservation by Mr Rohan Chakravarty

8th October 2024



SBC hosted a Zoom webinar titled **“Cartoons, SciComm, and Conservation”**, delivered by Mr. Rohan Chakravarty on 8th October 2024 at 11:30 AM.

Mr. Chakravarty, a renowned wildlife cartoonist and science communicator, used his artwork to raise awareness about environmental challenges and wildlife conservation. His presentation featured engaging cartoons that highlighted critical issues, advocating for the protection of endangered species.

Celebrating Natural Product Discoveries and Innovation in Borneo by Dato Dr Yeo Tiong Chia for 2nd International Symposium on Chinese Medicines and Natural Products and 2nd International Symposium on Pharmaceutical Sciences, Macao, China

17th October 2024



On 17th October 2024, Dato Dr Yeo delivered a presentation entitled **“Celebrating Natural Product Discoveries and Innovation in Borneo”** at the 2nd International Symposium on Chinese Medicine and Natural Products and the 2nd International Symposium on Pharmaceutical Sciences held in Macao, China.

During his talk, he showcased the SBC’s efforts in discovering novel natural compounds in Borneo and innovating sustainable processes to transform these discoveries into practical, value-added products.

Rooted in the Rainforest: Sarawak Folk Tales by Heidi Munan

11th December 2024



SBC hosted a public awareness talk titled **“Rooted in the Rainforest: Sarawak Folk Tales”** on 11th December 2024. Heidi Munan, a Swiss-born author who had dedicated over fifty years to researching Sarawak’s local cultures, folklore, and history

Public Engagement

REGULATORY AWARENESS TALKS

Regulatory Awareness Roadshow Programme, Sarawak State Library, Sibu 30th August 2024

Sibu was the first stop of Regulatory Awareness Roadshow 2024 on 30th August 2024. Held at the Sarawak State Library, Sibu. A total of 13 representatives from:

1. University of Technology Sarawak (UTS)
2. Malaysia Airports Holdings Berhad (MAHB)
3. Sarawak State Health Department, Sibu
4. Royal Malaysian Police (PDRM)
5. Immigration Department of Malaysia
6. Road Transport Department (JPJ)



The event started with a briefing by SBC on Sarawak Biodiversity Centre Ordinance, 1997. Mr Leonard Anak Baring from Sarawak Forestry Corporation briefed the participants on the National Parks and Nature Reserves Ordinance 1998 and Wild Life Protection Ordinance, 1998.

Regulatory Awareness Roadshow Programme, Sarawak State Library, Miri 23rd September 2024

On 25th September 2024, the Roadshow was held at Pustaka Negeri Sarawak, Miri and attended by Holed Anak Juboi and Dr Mohd Farith Kota from SBC with Tuan Haji Madhan Bin Kiflie and Mohammad Norazlan Bin Jamil from Sarawak Forestry Corporation (SFC). Both representatives from SFC were from the Enforcement and Protection Division.

A total of 20 participants from 8 government agencies and a university. List of the representatives are as below:

- | | |
|--|---------------------------------------|
| 1. Pejabat Perkhidmatan Veterinar Bahagian Miri | 6. Road Transport Department |
| 2. Miri Divisional Agriculture Office | 7. Royal Malaysia Police |
| 3. Bintulu Development Authority | 8. Immigration Department of Malaysia |
| 4. Miri Port Authority | 9. Curtin University Malaysia |
| 5. Malaysia Airports Holdings Berhad (Aviation Security) | |

During the Roadshow, Dr Mohd Farith presented on **“SBC’s Regulatory Function and Research Permit Application through SORAS”**. Meanwhile, briefing on **“Wild Life Protection Ordinance, 1998 and National Parks and Nature Reserves Ordinance, 1998. Prohibitions and legal compliance at TPA and Wildlife Management in Sarawak”** were presented by Tuan Haji Madhan Bin Kiflie and Mr Mohammad Norazlan Bin Jamil.

Public Engagement

Regulatory Awareness Roadshow Programme, 56 Hotel, Kuching 19th December 2024

On 19th December 2024, the Roadshow was held at 56 Hotel, Kuching. The event started with a briefing by SBC on Sarawak Biodiversity Centre Ordinance, 1997. Mr Mohammad Norazlan Bin Jamil and Ms Jenny Ngeian Anak Machau from SFC briefed the participants on the National Parks and Nature Reserves Ordinance 1998 and Wild Life Protection Ordinance, 1998.

A total of 40 participants attended and the list of representatives are as below:

AM Session (24 pax):



Morning session group photo

1. Royal Malaysian Police (PDRM)
2. Sarawak Forestry Corporation
3. Human Resource Development and Management Unit (representing Department of the Premier of Sarawak)
4. Royal Malaysian Customs Department
5. Sarawak Research and Development Council
6. Sarawak Tropical Peat Research Institute
7. Sarawak Infectious Disease Centre
8. Department of Veterinary Service
9. Road Transport Department Malaysia
10. Jabatan Kesihatan Negeri Sarawak
11. Department of Agriculture Sarawak

PM Session (16 pax):



Afternoon session group photo

12. Swinburne University of Technology Sarawak Campus
13. International College of Advanced Technology Sarawak
14. Centre Of Technical Excellence Sarawak
15. Universiti Malaysia Sarawak
16. Universiti Teknologi Mara (UiTM), Sarawak Kampus
17. Organo Agaritech Sdn. Bhd.
18. World Wildlife Fund (WWF)
19. Friends of Sarawak Museum (FoSM)

Public Engagement

PARTICIPATION IN SCHOOL PROGRAMME

Mini STEM Karnival, SK Taba Sait, Padawan

4th May 2024

SBC participated in the Mini STEM Karnival held at SK Taba Sait, Padawan on 4th May 2024. The event was a joint programme organised by the headmasters of Zone N.19 Mambong and the Tabung Gagasan Anak Sarawak (TEGAS). It was aimed at increasing students' interest in the fields of science, technology, engineering and mathematics. The one day event involved 21 schools in the area.



Karnival Jom Niaga, SK St. Augustine, Mambong

2nd August 2024

SBC took part in Karnival Jom Niaga, organised by Panitia Matematik SK St. Augustine on 2nd August 2024. The carnival aimed to spark students' interest in mathematics through fun and practical activities.

Representing SBC, Dr. Chia Ying Ying, delivered a talk titled **“Mathematics in Daily Life”**, showing how math is used in everyday situations. The event was a great opportunity for public engagement and to show students the importance of mathematics in real life.



Karnival STEM SMK Bandar Kuching No.1

7th August 2024

SBC participated in the Karnival STEM held at SMK Bandar Kuching No.1 on 7th August 2024.

This event provided a valuable platform for SBC to engage with students and foster a deeper appreciation for STEM through interactive and educational activities.

During the Karnival, SBC showcased two primary hands-on activities designed to enhance students' understanding of fundamental scientific concepts.



Hari Terbuka PPD Padawan, SMK Vokasional Matang

26th October 2024

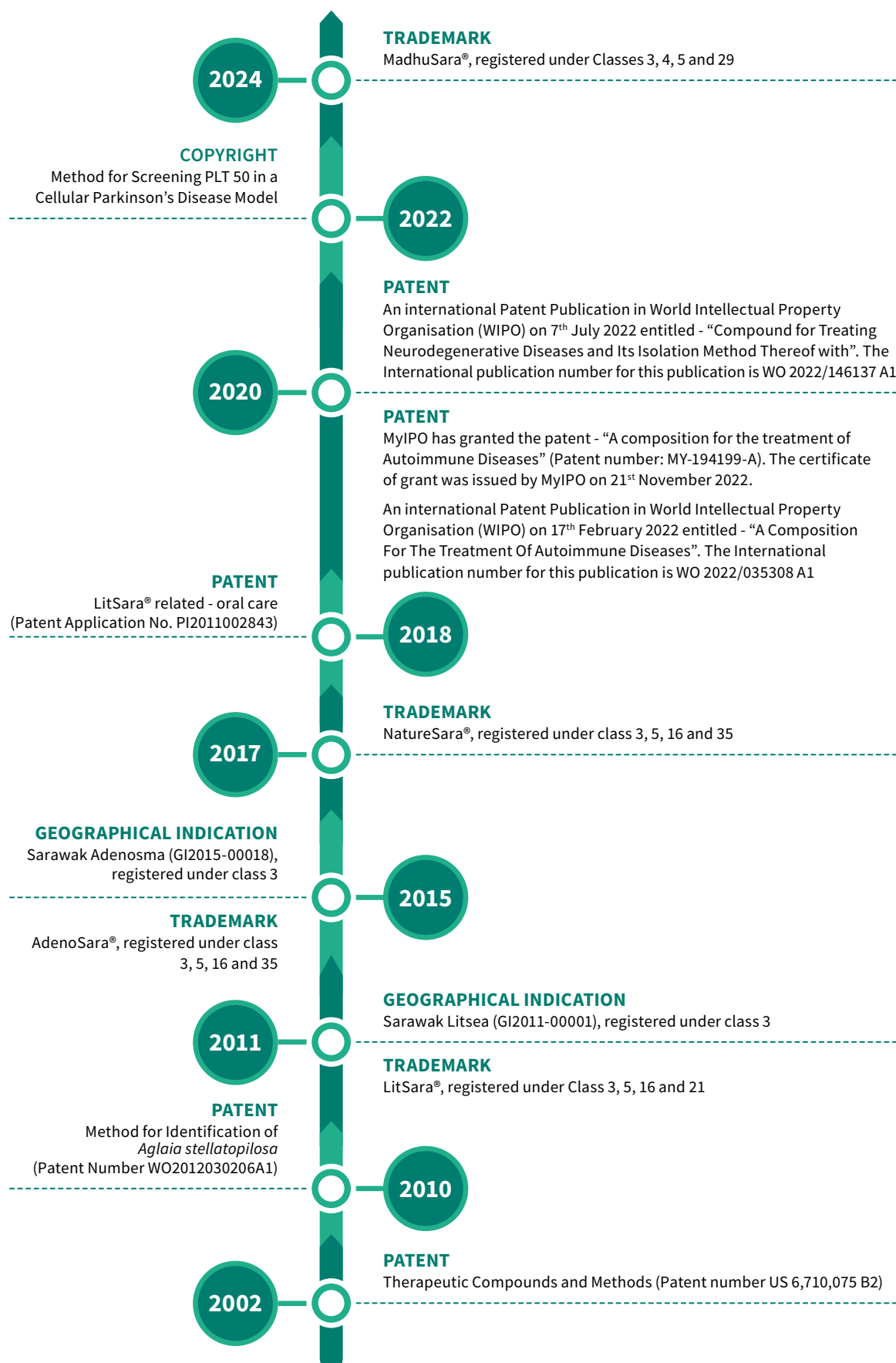
SBC was invited to participate as an exhibitor during the Hari Terbuka PPD Padawan. The objective of the event was to provide students with exposure to various career opportunities, including those in the field of R&D and the sciences.

**LOCAL, REGIONAL
AND GLOBAL**

Local, Regional and Global

INTELLECTUAL PROPERTY RIGHTS (IPRs)

In 2024, SBC continued to isolate and identify new bioactive compounds from its NPL while continuing the development of its existing IPRs portfolio. SBC'S IPRs are as follows:

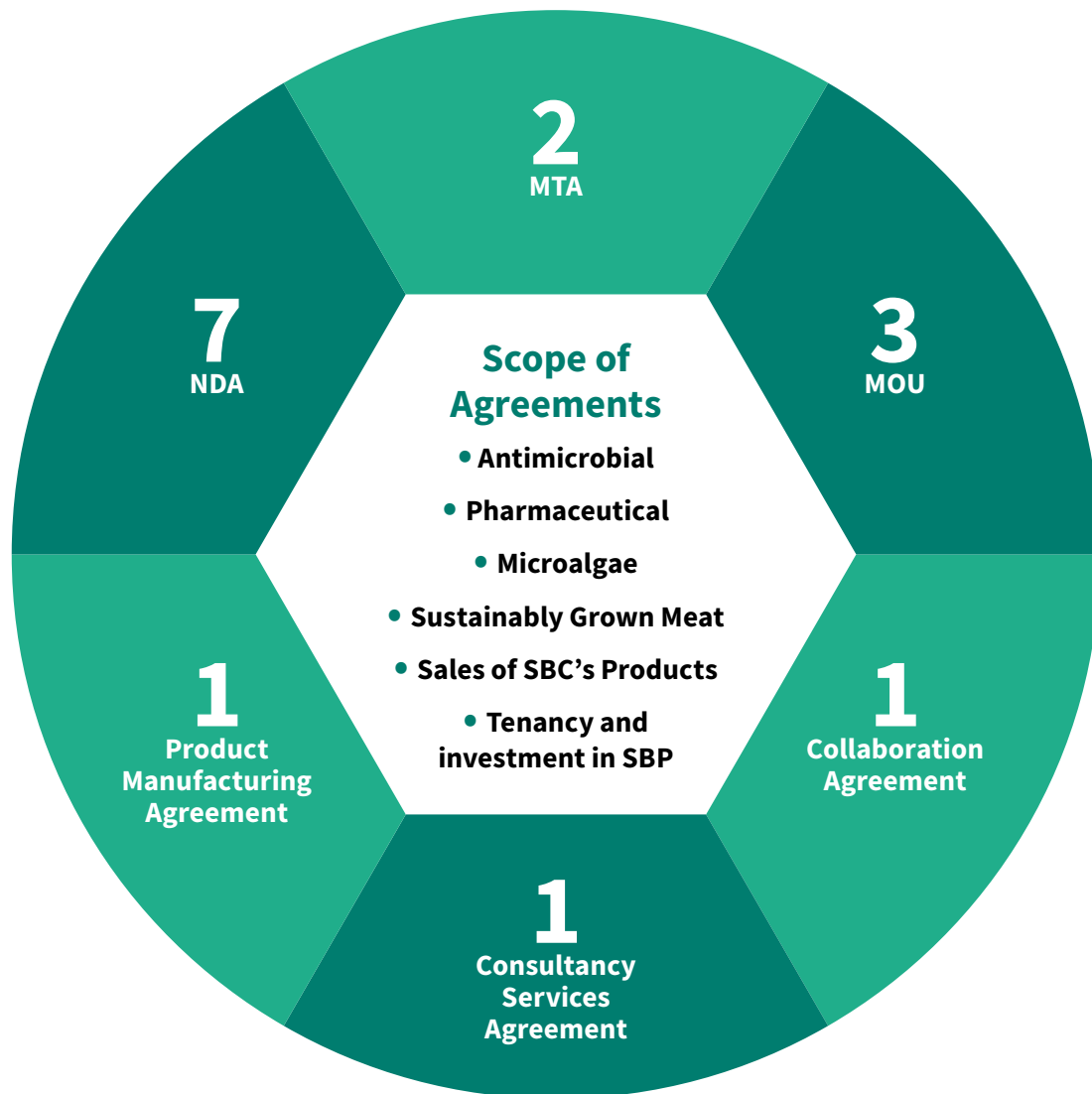


Development of IPRs since 2002

Local, Regional and Global

NETWORKING

Type of Agreements



COLLABORATION AND FUNDING

SBC recognises the importance of strategic partnerships with academic, industrial and commercial entities to advance research and development, as well as to translate scientific findings into market-ready solutions. Through collaborations with academic institutions, SBC leverages cutting-edge expertise and engages in joint research initiatives that contribute to innovation and scientific advancement. In parallel, partnerships with industry and commercial players have enabled the co-development and testing of new products, fostering practical applications of SBC's research.

In 2024, SBC has actively pursued such engagements, formalising seven (7) Non-Disclosure Agreements, two (2) Material Transfer Agreements, three (3) Memorandum of Understanding, one (1) Collaboration Agreement, one (1) Consultancy Services Agreement, and one (1) Product Manufacturing Agreement. SBC remains committed to expanding these collaborative efforts to ensure its research delivers meaningful and impactful outcomes.

Local, Regional and Global

These agreements cover various areas including but not limited to:

- Antimicrobial
- Microalgae
- Sales of SBC's Products
- Pharmaceutical
- Sustainably Grown Meat
- Tenancy and investment in SBP



The signing of a Memorandum of Understanding (MoU) with the Brunei based Syarikat Asnika represents a key milestone for SBC in its efforts to expand its market presence. This collaboration enables SBC to assess the potential of the company to serve as a distributor of SBC's products in international markets, with a particular focus on Brunei Darussalam. This collaboration supports strategic initiatives to introduce SBC's high-quality, natural products to new markets, while also highlighting opportunities for economic development, regional collaboration, and the promotion of sustainably sourced goods grounded in traditional knowledge and biodiversity.



This project is a 3 years research initiative funded by SRDC, commencing from 1st April 2024 until 30th March 2027. The main objective is to discover and evaluate a new antimicrobial compound with the potential to compete effectively against *Klebsiella pneumoniae* strains. Given the rising concern of antimicrobial resistance, particularly in *K. pneumoniae*, this project aims to contribute to the development of alternative solutions that can enhance treatment effectiveness and strengthen public health protection.



SBC is collaborating with Chitose Laboratory in the final stage of Phase I (2021 - 2026). The one-year agreement (April 2025 - March 2026) was extended to continue the demonstration of large-scale microalgae cultivation, Chitose Carbon Capture Central (C4) Sarawak under the Green Innovation Fund, supported by NEDO and Chitose. The project aims to enhance a biofuel circular economy through the utilisation of CO₂.



To enhance inclusivity and well-being, TERAJU under Dana Pembangunan Usahawan Bumiputera (DBUP) 2021 is funding SBC's project 'Improving Sarawak Indigenous Community Livelihoods through Sustainable Production and Commercialisation of LitSara®'. This five-year initiative (2021 - 2026) aims to uplift the community livelihood by upgrading facility of distillation, propagation and production for LitSara® oil production from *litsea cubeba*, developing new products, and boosting marketing efforts. The project also emphasises preserving traditional knowledge and conserving biological resources for a sustainable future.

Local, Regional and Global

THE 2024 BORLAUG INTERNATIONAL AGRICULTURE SCIENCE AND TECHNOLOGY FELLOWSHIP PROGRAM (BORLAUG FELLOWSHIP) BY U.S DEPARTMENT OF AGRICULTURE (USDA)



Group photo taken with the fellows of Borlaug Fellowship Program 2024 at USDA HQ, Washington D.C.

Ng Yik Han, SBC's Research Officer, participated in the Borlaug Fellowship Program organised by the USDA at Purdue University, West Lafayette, Indiana, United States, from 20th August to 12th November 2024.

A total of 15 fellows took part in the Borlaug Fellowship Program 2024, which focused on Climate-Smart Agriculture, Biotechnology, and Plant Health. The fellows came from Malaysia (2), Algeria (2), Colombia (1), Ghana (1), Morocco (2), Peru (1), the Philippines (1), Thailand (2), Türkiye (1), and Vietnam (2).

During the fellowship at Purdue University, Yik Han was mentored by Dr. Oh Eun Joong (Assistant Professor, Department of Food Science) on a project titled *Designing a Saccharomyces cerevisiae Platform for Enhanced Conversion of Biomass to Value-Added Products*, and by Dr. Scott Hutcheson (Senior Lecturer, School of Engineering Technology) on a leadership course.



Yik Han with Dr Oh Eun Joong
(Assistant Professor, Department of Food Science)



Yik Han and Dr. Scott Hutcheson
(Senior Lecturer, School of Engineering Technology)

Over the 12-week program, Yik Han gained hands-on experience in enzyme screening, process optimisation, and scaling up production processes to enhance the efficiency and yield of value-added products. These efforts align with the region's goals for a circular economy.

Valuable connections were established with researchers and experts at Purdue University, including Dr. Oh Eun Joong. These networks offer opportunities for future collaborative projects focused on innovative biomass conversion and sustainable product development.

Throughout the program, Yik Han also had the opportunity to enhance her leadership skills through a structured course led by Dr. Scott Hutcheson. The training emphasised the power of storytelling as a tool to communicate complex scientific ideas with clarity and impact. The training has strengthened her ability to align teams, engage stakeholders, and lead collaborative initiatives. The leadership experience gained will support ongoing efforts to foster innovation, improve communication, and drive strategic projects at SBC.

Local, Regional and Global

THE INTERNSHIP AT SCHOOL OF BIOLOGICAL SCIENCE, UNIVERSITY OF CALIFORNIA SAN DIEGO, UNITED STATES OF AMERICA

Lee Jong Jen, SBC's Research Officer, successfully completed a 12-week internship programme at the University of California San Diego (UCSD), United States of America, from 12th February to 11th May 2024. The internship was hosted at the Mayfield Laboratory, led by Distinguished Professor Stephen Mayfield, a globally renowned expert in algae research with over 20 years of experience in developing renewable materials from algae.

Under the supervision of Dr Joao Vitor Dutra Molino, a postdoctoral researcher in Professor Mayfield's lab, Jong Jen was involved in research related to sustainable fuel and polyurethane (PU) production. The internship provided valuable hands-on experience in advanced bioengineering techniques such as cell mating, cell fusion, and genetic engineering-areas that align closely with Sarawak's aspirations in bioindustry development through research and innovation.

Jong Jen also enhanced her understanding of biosafety practices, particularly in the handling of Living Modified Organisms (LMOs). This training strengthens SBC's commitment to upholding rigorous laboratory safety standards in line with international best practices.

A key highlight of the internship was the co-authorship of a joint research publication with Distinguished Professor Mayfield and his team. The paper, published in *Algal Research* (Impact Factor 4.6) on 11th April 2025, reports the discovery of *Chlamydomonas pacifica*, a newly identified extremophilic green algae. This species demonstrates exceptional potential due to its high production of triacylglycerols (TAGs), which are valuable for both biofuel applications and health-related benefits.

This international collaboration marks a significant milestone for SBC, reflecting the Centre's dedication to fostering scientific excellence and contributing to global research in sustainable biotechnology.



Lee Jong Jen carried out her internship at Mayfield's Laboratory



Jong Jen with Professor Stephen Mayfield, a distinguished professor of biology at School of Biological Sciences, University California San Diego, United States.



Group photo taken with the teammate from Mayfield's Laboratory

Local, Regional and Global

SBC'S PARTICIPATION IN THE SIXTEENTH MEETING OF THE CONFERENCE OF THE PARTIES TO THE CONVENTION ON BIOLOGICAL DIVERSITY (CBD COP16) IN CALI, COLOMBIA



Eleven representatives of Malaysia delegates with YB Tuan Nik Nazmi Bin Nik Ahmad, Minister of NRES

SBC participated in the Sixteenth Meeting of the Conference of the Parties to the Convention on Biological Diversity (CBD COP16) held in Cali, Colombia on 20th October 2024 - 1st November 2024.



1st delegation meeting with Minister of NRES on 27th October 2024



Malaysia delegation daily meetings - to update on the daily assigned task, progress and issues from different meetings



Opening plenary session at CBD COP16

Malaysia has been a party to the Convention on Biological Diversity (CBD) since 1994 and is actively involved in the key CBD meetings, including the Conference of the Parties (COP) that is held every two years.

The CBD COP16, the eleventh meeting of the Parties to the Cartagena Protocol on Biosafety (CP-MOP-11) and the fifth meeting of the Conference of the Parties serving as the meeting of the Parties to the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilisation (NP-MOP-05) were held concurrently.

Over 23,000 participants participated in the CBD COP16 meetings, from the Country Parties to the CBD, International Organisations, Non-Governmental Organisations, businesses and academia.

The Malaysian delegation was led by the Minister of Natural Resources and Environmental Sustainability, YB Nik Nazmi Bin Nik Ahmad as the Head of Delegation, while Dr Khairul Naim Bin Adham, as the Alternate Head of Delegation.

The delegation comprised eleven (11) representatives from relevant ministries, departments and agencies at the federal and state level, these includes NRES, Attorney General's Chamber, Ministry of Plantation and Commodities, Department of Indigenous People Development, Department of Biosafety, Department of Wildlife and National Parks Peninsular Malaysia, Sarawak Forestry Corporation (SFC) and SBC.

Local, Regional and Global

During CBD COP16, Malaysia focused on the following agenda items:

- (i) Cartagena Protocol, Digital Sequence Information on genetic resources (DSI)
- (ii) Nagoya Protocol; Article 8(j) and related provisions on Indigenous Peoples and local communities (IPLCs) and traditional knowledge (Article 8j);
- (iii) Resource mobilisation and financial mechanism (RM);
- (iv) Mechanisms for planning, monitoring, reporting and review (PMRR); Mainstreaming of biodiversity within and across sectors (BM).
- (v) Synthetic biology; Biodiversity and Health
- (vi) Scientific and technical needs to support the implementation of the KMGBF, including implications for the programmes of work of the Convention (S&T); Capacity-building and development, technical and scientific cooperation, clearing-house mechanisms and knowledge management



Daily Asia Pacific Region meeting session



Meet and greet session CBD COP16 President Susana Muhamad at the Asia Pacific Region meeting

SBC's role was to provide input to the Ministry of Natural Resources and Environmental Sustainability (NRES) based on existing policies and development plan related to biodiversity conservation in Sarawak, and other relevant topics discussed at the meetings including ABS, Digital Sequence Information (DSI), among others.

23rd October 2024, SBC also represented Sarawak and Malaysia at a side event of CBD COP16 entitled **“Amplifying IPs and LCs Led Biodiversity Action: Sharing Experiences from Southeast Asia”** organised by ICCA Consortium Southeast Asia and Asean Center for Biodiversity.

This side event aimed to share existing work to apply rights-based approach and whole of society approach to biodiversity conservation and sustainable use, particularly partnerships between government and indigenous peoples/local communities. This event was attended by members from the Non-Timber Forest Products-Exchange Programme Asia, ICCA Consortium Southeast Asia, Asean Centre for Biodiversity, Partners for Indigenous Knowledge Philippines, Biodiversity Management Bureau of the Philippine and All Burma Indigenous Peoples' Alliance.

In this session, SBC shared on LitSara® project, and Sarawak's implementation of ABS. SBC also showcased the traceability of the LitSara® value chain powered by blockchain technology where consumers can trace the origins of the essential oils from the indigenous communities to products developed for the market.



Side Event: Amplifying IPs and LCs Led Biodiversity Action: Sharing Experiences from Southeast Asia. SBC had the opportunity to share the journey of LitSara® Project

EVENTS AND VISITS

Events

Chinese New Year Gathering 2024, Lecture Theatre

1st March 2024

Symbolising power, boldness, good fortune and strength, the Dragon is associated with traits like intelligence, charisma and ambition. With these traits in mind, SBC ceremoniously ushered in the Year of the Dragon, with a lion dance performance. The lion dance is an important ritual in Chinese tradition believed to bring good luck and happiness while driving away all things evil and negative.

Our joyous occasion provided members of SBC with the opportunity to immerse themselves in traditional customs, including prosperity *angpow* games, and tossing of the colourful *Yee Sang*. The *Yee Sang*, also known as “*Lo Hei*” is a prosperity toss accompanied by recitations of auspicious phrases and well-wishes.

It was indeed a spirited affair, fostering a sense of unity and camaraderie among the staff of SBC, reinforcing our togetherness and goodwill.



SBC Family Day 2024, Sumiran Eco Park and Resort, Kuching

9th March 2024

On 9th March 2024, SBC organised a memorable family day at Sumiran Eco Park and Resort. The event showcased a variety of team activities, including Last Man Standing, *Terompah Gergasi*, *Lumba Ikat Kaki*, *Lari dalam Guni*, and Musical Chairs.

In spite of the downpour, our enthusiastic staff and their families had no qualms getting themselves muddied and drenched for a fantastic time together. Beyond just a gathering of colleagues and families, it was also a special day for Mr Rigep Anyain as we celebrated his 25 years of service with SBC.

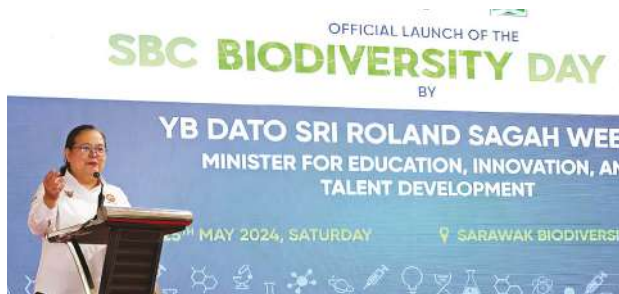
Rigep started off as a driver, and was one of the pioneers at SBC when it was first established. He then worked his way to becoming our Research Assistant. It was a poignant moment as we wished well as he embarks on his well-deserved retirement.



Events

Launch of SBC Biodiversity Day 2024 and Science Made Easy in conjunction with the International Day for Biological Diversity

25th May 2024



In celebration of SBC Biodiversity Day, which coincides with the International Day for Biological Diversity, the SBC has launched a page on its website called 'Science Made Easy.'

This initiative is designed to make science accessible and engaging for everyone, regardless of their background or expertise, and no matter where they are. It aims to encourage broader understanding and appreciation of science, emphasising its importance in everyday life and the preservation of biodiversity.

This year's theme for the International Day for Biological Diversity was **"Be Part of the Plan"**, which focused on a call to action for all stakeholders to halt and reverse the loss of biodiversity by supporting the implementation of the Kunming-Montreal Global Biodiversity Framework.

YB Dato Sri Roland Sagah commended SBC for its efforts to stimulate curiosity and enthusiasm among the public and students. He praised the organisation for fostering a deeper understanding and appreciation of our communities' traditional knowledge, highlighting how this knowledge can lead to exciting new discoveries backed by science. His speech was read by Mdm Anielia Anak Siam, Deputy Permanent Secretary of the Ministry of Education, Innovation, and Talent Development.



He added that such efforts aligned with the objective of his Ministry, where efforts have been intensified to meet the target of having 60 percent of students enrolled in STEM classes by 2030, as outlined in PCDS 2030.

Also present, twelve indigenous communities, including Bidayuh, Iban, Kayan, Kenyah, Lun Bawang, Melanau, Sekapan, Salako, Penan, Malay, Tagal, and Kiput, came together for the annual TK Documentation Seminar at SBC. The event also featured an exhibition where these communities showcased their projects and products, highlighting their rich cultural heritage and traditional knowledge.



The event attracted participation from both primary and secondary schools, as well as the public, all of whom anticipated a diverse range of educational STEM activities. These activities ranged from microbiology, chemistry, and plant tissue culture to the scents of Borneo, and included hands-on experiments in the laboratory and nature trail trekking.

Events

SATREPS-PUBS Workshop 2024

14th August 2024



On 14th August 2024, the SBC hosted the 4th edition of SATREPS-PUBS Workshop. SATREPS-PUBS is a collaboration between the Japanese and Sarawak governments under the **“Science and Technology Research Partnership for Sustainable Development (SATREPS)”** programme. It focuses on implementing the research project titled **“The Project on Development of Management Systems for Multiple Utilisation of Biodiversity in the Tropical Rainforest at the Protected Areas in Sarawak”** (PUBS).

The objective of this annual workshop is to facilitate collaboration and knowledge sharing among academicians, scientists, and researchers involved in SATREPS-PUBS projects, and to promote the dissemination of research findings through publications. It serves as an important platform for researchers to share their latest findings and research progress, and to exchange opinions, experiences, and ideas in biodiversity research.

Three plenary speakers from Japan were featured - Dr. Onuma Manabu (National Institute for Environmental Studies, Japan), Dr. Sato Hirotooshi (Kyoto University), and Dr. Okuno Seiya (Osaka Metropolitan University). They spoke on the application of Next Generation DNA Sequencers to biodiversity sciences and conservation. In the afternoon session, a lineup of speakers from Kyoto University and Shimane University in Japan, Forest Department Sarawak, Sarawak Forestry Corporation and SBC presented their research progress and highlights under the SATREPS-PUBS project. The topics presented ranged from ecological and diversity study on insects, felids, ants-plant interactions, actinobacteria, fungal, and Macaranga diversity.

Participants of the workshop also visited SBC's facilities and were briefed on SBC's TK Documentation programme with emphasis on the implementation of ABS with Sarawak's indigenous communities as well as the SBC's R&D programmes particularly on algae, microbial library, cell culture and DNA research.



Events

6th Edition of Research Officer Progress Meeting (ROPM)

28th September 2024



SBC concluded its 6th edition of the Research Officers progress meeting on 13th September 2024. The programme which ran for two days starting on 12th September served as a platform for our Research Officers to present and discuss their latest research findings.

It was a privilege to have as panellists, Dr Mary Jane Cardoso, a respected member of the Sarawak Biodiversity Council and an internationally renowned scientist for her work on tropical disease; and Mr Freddie Panau, Director of Curtin Biovalley Sdn. Bhd. whose work focuses on bioprocessing and chemical engineering.

Mr Freddie Panau shared his experience and an operator's perspective on Supercritical Fluid Extraction on the first day, while Dr Mary Jane Cardoso spoke on the potentials of monoclonal and bispecific antibodies as immunoshielding tools in outbreaks.

We extend our heartfelt gratitude to our panelists for their time, valuable insights and constructive feedback which will undoubtedly drive us in advancing our research efforts. As Dr Jane puts it, *"Work Smart, Work Efficiently!"*

Planting Trees Together at Sabal Forest Reserve

28th September 2024



On 28th September 2024, SBC participated in an inspiring activity displaying commitment towards nature positive initiatives. The event was carried out with Forest Department Sarawak (FDS).

Both agencies joined forces at Sabal Forest Reserve with 80 dedicated SBC and FDS staff, interns, and members of the Sabal community, to plant 1,000 indigenous timber saplings (a mix of dipterocarp species) - each one a step towards a healthier planet.

SBC embarked on biodiversity restoration efforts at Sabal Forest Reserve in June 2023 with the planting of 1,000 saplings, followed by another 1,500 samplings in September of the same year.

This event is beyond just planting trees; it focuses on supporting the Sarawak's Environmental, Social, and Governance (ESG) initiatives and driving the 'Green Sarawak Campaign' which aims to plant 35,000,000 trees by 2025. Sarawak has surpassed its target where some 39,383,640 trees have been planted to date.

Events

Memorandum of Understanding (MoU) with Syarikat Asnika for distribution of SBC's products in Brunei Darussalam

3rd October 2024

On 3rd October 2024 the Sarawak Biodiversity Council and Syarikat Asnika formalised a Memorandum of Understanding (MoU), coinciding with the official launch of STATOB - Sarawak Trade and Tourism Office Brunei Darussalam.

This MOU enables discussions for Syarikat Asnika to be a distributor SBC's flagship products - LitSara®, NatureSara® and AdenoSara® in Brunei Darussalam.



The MoU exchange between YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel, Deputy State Secretary for Economic and Planning Development, and Encik Asmad Haji Umar, Managing Director for Syarikat Asnika was witnessed by the Right Honourable Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg, Premier of Sarawak.

According to Datu Dr Muhammad Abdullah who is also Chairman of the Sarawak Biodiversity Council, the MOU represents a milestone in SBC's journey towards commercialisation of biodiversity.

He added that the flagship products are developed from Sarawak's rich biodiversity, integrating traditional knowledge of Sarawak's indigenous communities with scientific research, and are aligned with ESG principles. This approach promotes sustainable biodiversity utilisation, economic opportunities for the communities, and responsible practices that meets the agenda of Sustainable Development Goals (SDG).



Syarikat Asnika is a company based in Brunei Darussalam and operates several galleries, including Asnika Gallery at the Brunei International Airport Departure Hall and at the Empire Hotel and Country Club, specialising in designing high-quality woven fabric handicraft products from Brunei which include traditional fabrics, consisting of *Kain Samping*, *Kain Jongsarat*, and *Kain Berragi Bertabur*, *Kain Sipugut*, *Kain Selubangbangsi*, *Liputan madu*, among others.

Established in 1989, the company serves a clientele from several countries, including Japan, Malaysia, Europe, Thailand, South Korea, Australia, New Zealand, and the local Brunei Darussalam community.



Events

Nurturing a Positive Workplace talk by Ms Izyan Binti Masli, Lecture Theatre

31st October 2024



The Nurturing Positive Workplace Programme, held on 31st October 2024 under the BSC OC2 bubble initiative, was joined by 30 staff members. The invited speaker was Ms Izyan Masli, a counselor from MEITD.

This program focused on practising gratitude, embracing healing, and building grit at work, giving employees useful ways to grow emotional strength, show real appreciation, and stay resilient.

By encouraging true well-being, open communication, and a safe space for everyone, this program helps tackle issues like toxic positivity and builds a workplace culture based on trust, empathy, and lasting job satisfaction.

SBC Annual Dinner and Appreciation Night 2024

1st November 2024



On 1st November 2024, SBC celebrated another successful year at its annual dinner and appreciation night.

We were honoured to have YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel, Deputy State Secretary (Economic and Development Planning Unit) and Chairman of Sarawak Bioversity Council, grace the occasion as our guest of honour.

In his address during the dinner, he highlighted how SBC's advancements in R&D and catalytic projects, such as the Sarawak BioIndustrial Park and pioneering work with algae, are important to position Sarawak as a leader in sustainable bioindustries, in line with Sarawak's aspirations for economic progress, environmental stewardship, inclusivity and innovation-driven growth.

The event was filled with joy and gratitude as we recognised the outstanding contributions of our dedicated staff. A total of 8 individuals received the Anugerah Perkhidmatan Cemerlang 2023 award, while 14 were honoured with the No Sick Leave Award.

Also present at the event were members of the Council, Traditional knowledge documentation programme communities and representatives of key agencies.

Events

MoU with Sarawak Forestry Corporation (SFC) on advancing plant propagation, conservation initiatives, DNA sequencing, and public awareness and appreciation of biodiversity

15th November 2024



On the evening of 15th November 2024, the Sarawak Biodiversity Council and the Sarawak Forestry Corporation (SFC) formalised a Memorandum of Understanding (MoU) to preserve biodiversity.

The exchange of the MoU between YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel, the Deputy State Secretary (Economic Planning and Development) and Chairman of the Sarawak Biodiversity Council, and Tuan Abang Arabi Abang Aimran, the General Manager of SFC was witnessed by the Right Honourable Premier of Sarawak, Datuk Patinggi Tan Sri (Dr) Abang Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg.

The exchange of MoU took place during SFC's Annual Dinner and Appreciation Night.

The MoU paves the way for collaborative efforts between the SBC and SFC in advancing plant propagation, conservation initiatives, DNA sequencing, and public awareness and appreciation of biodiversity.

Also present at the dinner were YB Datuk Amar Awang Tengah Ali Hasan, Deputy Premier of Sarawak and Minister for Natural Resources and Urban Development II; YB Datuk Amar Haji Mohamad Abu Bakar Bin Marzuki, Sarawak State Secretary; YB Datuk Haji Len Talif Salleh, Deputy Minister for Urban Planning, Land Administration and Environment; YA Dato Sri Saferi Ali, State Attorney General; YBhg Dato Sri Dr Wan Lizozman Bin Wan Omar, the State Financial Secretary; and Heads of Departments and agencies.

Christmas Gathering 2024, Lecture Theatre

13th December 2024

We gathered to celebrate the joy of Christmas with a memorable event. The celebration included a special presentation gift to newlyweds and a warm welcome gift for a colleague's baby boy.



Visits



**KDYMM Pemangku Raja
Pahang Tengku Mahkota
Tengku Hassan Ibrahim
Alam Shah Ibni Al-Sultan
abdullah Ri'ayatuddin
Al-Mustafa Billah Shah**
17th January 2024



17th January 2024 was a day to remember when the Regent of Pahang, Crown Prince Tengku Hassan Ibrahim Alam Shah Ibni Al-Sultan Abdullah Ri'ayatuddin Al-Mustafa Billah Shah, graced SBC with his presence during official engagements in Sarawak, focusing on key economic and energy sectors.

His interest in the Green Economic Agenda was evident as he visited SBC's algae cultivation facility, a project committed to climate action and environmental sustainability.



**Malaysian French Chamber
of Commerce and Industry
(CCIFM)**
25th January 2024

On 25th of January 2024, SBC hosted a delegation from the Malaysian French Chamber of Commerce and Industry (CCIFM), led by its President, Mr. Richard Fostier. Their visit to SBC was part of CCIFM's Business and Investment Opportunities in Sarawak programme which is designed to offer the delegates a comprehensive understanding of the business and investment landscape in Sarawak.

CCIFM is affiliated to the Chamber of Commerce and Industry France International, a worldwide network of 123 French Chambers operating in 92 countries. Comprising 300 member companies from various industrial sectors, CCIFM aims to develop relations between its members, as well as facilitate trade and investments between France and Malaysia.

The members of the delegation were made up of representatives from various industries, including Airbus and Spie Gas.

To commemorate the visit, the Mr Fostier planted the Empili tree. The Empili (in Iban language) or *Lithocarpus andersonii* belongs to the genus of trees commonly known as the stone oaks. The Empili's woody fruits and nuts play a crucial role as a food source for wildlife.

Earlier in the day, the delegation visited the Chitose Carbon Capture Central (C4) facility at Sejingkat where they were shown the technology to tap carbon dioxide from flue gas to grow microalgae.

Visits

Delegation from Yantai City, China

26th January 2024



On 26th January 2024, SBC welcomed two officials from the Foreign Relationship Office of Yantai, China. They were Mr Chen Chee Chiang, the Deputy Head and Ms Wang Hai Yang, the Foreign Relationship Officer. The officials were accompanied by Cr. Tan Kai, Chairman of Padawan Municipal Council (PMC) and Ir. Goh Thiam Ho Deputy Secretary of PMC.

Yantai is a coastal city in East China's Shandong province in China. In October 2019, Shandong province signed an agreement to establish sister-city ties with Sarawak, during the Shandong International Friendship Cities Conference for Cooperation and Development. Over the last forty years, Shandong province has cultivated sister-city relationships with 222 local governments across 61 countries, and developed partnerships with 1,167 educational, medical and other sectors in 75 countries.

The province is actively seeking to enhance cooperation with its global partners in trade, culture, education, and tourism, placing particular emphasis on high-end manufacturing, electronic information, modern agriculture, and advancements in maritime science and technology.

European Union Ambassadors

15th February 2024



On 15th February 2024, SBC received a delegation of the European Union Ambassadors, led by His Excellency Michalis Rokas, Ambassador of the European Union (EU) to Malaysia.

The visit to Sarawak was part of the EU Business Day programme which aimed to enhance connections and to seek opportunities for future business ventures in Sarawak.

During their visit, the delegates were briefed on ABS practices related to the use of biological resources in Sarawak, SBC's R&D offerings, as well as on the progression from lab-scale to industrial-scale algae cultivation for various industrial applications.

His Excellency Peter Van Acker, Ambassador of Belgium to Malaysia and current President of the Council of the European Union, commemorated the delegation's visit by planting a *Scaphium longiflorum*, also known as Kembang Semangkuk. The species serves multiple purposes, from being used as shade, soil stabilisation and building material, to therapeutic uses.

Visits



**Her Excellency Valeria
Csukasi Cabrera,
Ambassador of Uruguay
to Malaysia**
28th February 2024

On 28th February 2024, SBC had the pleasure of hosting Her Excellency Valeria Csukasi Cabrera, Ambassador of Uruguay to Malaysia for a short visit.

Uruguay, located on the southeastern coast of South America is the second smallest country on the continent with a population of 3.4 million where almost half are concentrated in and around its capital, Montevideo, and two of its larger cities of Salto and Paysandú.

Uruguay is known for its beautiful beaches, soccer, and is regarded as one of the most progressive countries in Latin America. Having attained high levels of literacy, the country's economy is harnessed on a well-educated workforce, export oriented agricultural sector, tourism and banking.

Her Excellency commemorated the visit by planting *Rubroshorea pinanga*, also known as Engkabang Langai, which is endemic to Borneo.

Her Excellency expressed the possibility of future collaborations with SBC on various initiatives, namely sharing of ABS practices and experiences with Uruguay and other South American countries.



**Datin Aznita Naziz and
Nurfilza Zaheera Muhammad
Nor Rashid**
28th February 2024

On 5th March 2024, we welcomed Datin Aznita Naziz, Vice President for Industry Development Division of Bioeconomy Corporation and the division's business analyst, Nurfilza Zaheera Muhammad Nor Rashid.

Bioeconomy Corporation is Malaysia's key development agency for the bio-based industry, under the Ministry of Science, Technology, and Innovation (MOSTI) and Minister of Finance Incorporated (MOF).

The visit to SBC was part of their Introductory Seminar in Kuching on the Bio-Based Accelerator (BBA) Programme and BioNexus Status Company, with the primary aim to stimulate growth of bio-based industries in the region.

Bioeconomy Corp is actively exploring advancements in biofuel production from algae and strategising to facilitate the expansion of the biofuel sector.

Visits

Dr Veronica Lugah Director of Sarawak Health Department 3rd May 2024



On 3rd May we had the honour of hosting Dr Veronica Lugah, Director of the Sarawak State Health Department. Dr Veronica's appointment as the first Iban woman to serve as the State Director of Health, a role which she assumed in February this year, marks a significant milestone in Sarawak's healthcare leadership. Dr Veronica was also a newly appointed member of the Sarawak Biodiversity Council which entered its new term in March 2024.

Accompanying Dr Veronica on her inaugural visit to SBC were her deputies from the Sarawak State Health Department, Mr Banges Munga (Administration), Dr Aminuddin Bin Mohd Natar (Dental), En Mohammad Jefri Crossley (Food Safety), and Dr Hamidi Bin Mohamad Sharkawi who heads the Public Health Development section.



Petroleum Sarawak Berhad (PETROS) 3rd May 2024



3rd May 2024, was an exciting day for SBC as we had the honour of welcoming Dato Janin Girie, Group CEO of Petroleum Sarawak Berhad (PETROS), on his inaugural visit. Accompanying Dato Janin were Mohd Azha Abdul Jalil (Chief Financial Officer), Rosalie Tien (Vice President for Governance, Risk and Compliance), Sally Sheriza Ahmad (Head of External Relations), and Ashley Elise Protasi (External Relations Analyst).

Established on July 24, 2017, PETROS is wholly owned by Sarawak. Guided by its mission of **“harnessing resources for the sustainable progress of Sarawak and beyond”**, PETROS oversees the management of Sarawak's oil and gas resources, with the goal of maximising benefits for the State and its people.

These initiatives strongly aligned with PETROS' core business and Environmental, Social and Governance (ESG) values, highlighting the importance of responsible biodiversity management for the well-being of both the ecosystem and the people.

Visits



Institutional Investors from Singapore 24th May 2024

On 24th May 2024 SBC welcomed a visit from a group of institutional investors from Singapore. They included Jason Saw, Managing Director and Group Head of Investment Banking of CGS International Securities; Daniel Lau and Jonathan Yeoh Portfolio Managers from Eastspring Investments, and Leong Zhirui, a partner in the Penataran Group.

They were accompanied by Bede Hong and Haziq Shahren from Invest Sarawak, and also Timothy Chan and Bernard Chong, who are Directors of Chemsain.

CGS International Securities Pte. Ltd. (CGSI) is a market-leading integrated financial services provider in Asia which places sustainability at the core of its business.

Penataran Management, based in Singapore and Jakarta places emphasis on emerging and frontier markets, where they leverage on their extensive experience to drive growth and innovation.

Eastsprings Investments meanwhile are growth investors dedicated to identifying and investing in undervalued growth activities.



Participants of Asia Pacific Green Hydrogen Conference 2024 (APGH2024) 13th June 2024

On 13th June 2024, SBC hosted delegates from Asia Pacific Green Hydrogen Conference 2024 (APGH2024).

APGH2024 was held at Borneo Convention Centre Kuching, Sarawak from 10th to 12th June 2024, in which the targeted goal was to attract investors, collaborators, industry partners, researchers, and delegates who are interested in fostering the growth of green hydrogen and renewable energy-related businesses and industries. SBC was selected as one of the technical visit sites focusing specifically on our Algae Cultivation Facility.

The delegates comprise of 13 individuals from different industries, mainly related to transportation, certification, banking, and industrial equipment industries.

Visits

Southeast Asia Centre of Asia-Pacific Excellence (SEA CAPE), New Zealand 28th June and 2nd July 2024



On 28th June 2024, a delegation comprising members of the Southeast Asia Centre of Asia-Pacific Excellence (SEA CAPE), New Zealand experienced the operations of the AdenoSara® Community Project at Kampung Semadang, Penrissen.

During the field trip, the delegates were shown the planting and distillation process of the AdenoSara® essential oil. AdenoSara® is extracted from a wild herb known to the Bidayuh community of Penrissen as Bunga Ta'ang, and the Ibans of Rh Simon in Lubok Antu as Engkerawan.

On 2nd July, the delegation led by Ms. Marfiya Tatlik, SEA CAPE Senior Programme Advisor and founder and Creative Director of MT NZ Design Ltd, visited SBC for a session focused on sustainability and potential areas of collaborations.

SEA CAPE is established by the New Zealand government to enhance engagement with the ten ASEAN member countries and Timor-Leste. It facilitates connection between New Zealand businesses, exporters, government agencies and universities/tertiary students with counterparts in these regions, exploring new business opportunities and fostering new partnerships through a deeper understanding of their economies, languages, cultures and business protocols.

Global Institute For Tomorrow (GIFT) 1st July 2024



On 1st July 2024, SBC received a visit from the Global Institute For Tomorrow (GIFT) and the participants of GIFT's Malaysia Stay and Build programme 2024 (MS&B).

The MS&B leadership development programme is designed for young Malaysian leaders from both the public and private sectors. MS&B's programme looked at four high-potential areas that can spur Malaysia towards high-quality development: Extreme Climate Mitigation, Quality Teachers for Digital Literacy, Malaysia as a Global Biodiversity Hub, and Tackling Child Stunting.

GIFT, an independent pan-Asian think tank is based in Kuala Lumpur and Hong Kong. Its core mission is to enhance understanding of the most crucial drivers of change in our world, and foster thinking to reshape societies, paving the way for a more sustainable future and resilient society particularly in Southeast Asia.

Visits



Ministry of Natural Resources and Environmental (NRES)
3rd July 2024

On 3rd July 2024, SBC welcomed delegates from the Ministry of Natural Resources and Environmental Sustainability of Malaysia (NRES) who were accompanied by representatives from Jabatan Kerja Raya Malaysia (JKR) and Malaysian Green Technology and Climate Change Corporation (MGTC), for a visit aimed at fostering mutual learning and exchange of views.

NRES, the federal ministry responsible for energy, natural resources, environment, climate change, land, mines, minerals, geoscience, biodiversity, wildlife, national parks, forestry, surveying, mapping, and geospatial data, is currently undertaking preliminary works to establish the Malaysian Biodiversity Centre (MBC). This centre of excellence will lead and coordinate biodiversity management at the national level.



Her Excellency Ms Danielle Heinecke, the Australian High Commissioner to Malaysia
17th July 2024

17th July 2024 marked another exciting day for SBC as we received Her Excellency Ms Danielle Heinecke, the Australian High Commissioner to Malaysia. She was accompanied by Datuk Dr Philip Ting, Australia's Honorary Consul in Sarawak and Mr Lachlan Mcfee, Second Secretary, Political and Economics, Australian High Commission in Kuala Lumpur.

Visits

Jabatan Hal Ehwal Anak Negeri Sabah 8th August 2024



On 8th August 2024 we hosted a delegation from Majlis Hal Ehwal Anak Negeri Sabah, led by the president of the Council, Dr H. Tindarama Benedict Tapin.

The Council, established under the Majlis Hal Ehwal Anak Negeri Sabah Enactment, 1998 serves as an advisory body to the Sabah Government on all matters concerning the native system of personal law and adat within the state.

During their visit, the Council expressed keen interest in learning from Sarawak's experiences in implementing ABS and PIC with our indigenous communities.

With Dr/H Benedict were members of the Council, namely Datuk Martin Idang, Datuk Dr Lucas Umbut, Datuk Yusof Bin Datuk Hj Kassim and Tn Hj Abdul Rashid Yusof.

Also part of the delegation were officers from the Sabah Department of Native Affairs (Jabatan Hal Ehwal Negeri Sabah) and the Native Court of Sabah.



“Your work on the documentation of indigenous knowledge and the sharing of benefits is clearly advanced. We learned so much from you in bringing science and indigenous knowledge together.”

~Dr. H. Tindarama Benedict Tapin~

Visits



Menteri Besar of Perlis delegations 17th August 2024

On 17th August 2024 SBC hosted the Menteri Besar of Perlis, YAB Tuan Mohd Shukri Bin Ramli and his delegation. YAB Tuan Shukri was accompanied by his wife YABhg Puan Najwa Binti Othman. His delegation comprised of YB Tuan Megat Hashirat Bin Hassan (Perlis Cabinet Member for Science, Technology, Innovation and Green Technology), YB Tuan Izizam Bin Ibrahim (Cabinet Member for Infrastructure and Public Transportation) and officers of the Perlis Economic Planning Unit.

Receiving YAB Tuan Shukri were YBhg Dato Sri Dr Muhammad Abdullah Bin Haji Zaidel (Deputy State Secretary for Economic Planning and Development, and Chairman of the Sarawak Biodiversity Council), Tuan Haji Adana Bin Haji Jed (Permanent Secretary to the Ministry of Education, Innovation and Talent Development, and Deputy Chairman of the Council) and Dato Dr Yeo Tiong Chia, (CEO of SBC).

The visit provided an opportunity to present SBC's research initiatives and community engagement efforts with indigenous groups, aligned with Sarawak's strategic direction under the PCDS2030, anchored on the pillars of Economic Prosperity, Social Inclusivity, and Environmental Sustainability.

To commemorate the visit, YAB Tuan Shukri planted a Pulur tree (*Artocarpus camansi*), commonly known as breadnut and referred to as "Pulur" in both the Malay and Iban languages.



Regional Education Visit by National Institute of Education, Nanyang Technological University, Singapore 10th September 2024

On 10th September 2024, SBC received an enthusiastic group of educators from various schools in Singapore and Brunei.

These dedicated educators are part of the Management and Leadership in Schools programme at the National Institute of Education, Nanyang Technological University, Singapore. The day's discussion also shed light on how education intersects with biodiversity appreciation and environmental stewardship.

Visits



Paul Knight
11th September 2024

On 11th September 2024, SBC welcomed Mr. Paul Knight and his family back to Kuching during their visit to SBC. Paul had previously been here in 2018, when he collaborated with SBC to align our digital transformation efforts with the Sarawak Digital Economy Strategy under the IBM Corporate Service Corps Programme.

During this recent visit, Paul and his family also had the chance to explore some of our local attractions. They visited the Semenggoh Wildlife Centre, where they observed the playful behaviour of seven orangutans, including Annuar, the dominant male. They also toured the Heritage Society of RCBM Hospital, where they received an interpretative overview of the history of Hansen's disease (leprosy) management in Sarawak.



**Ketua Pengarah
Kementerian Kesihatan
Malaysia (KKM)**
20th September 2024



On 20th September 2024, SBC hosted Dr. Misah Binti Mohd Ramli, Deputy Director of Health Sarawak (Dental). Dr. Misah recently began her tenure in Sarawak, following her previous role with the State Health Department of Perak.

She was accompanied by Dr. Siti Suhaila Abdul Hamid and Matron Zuzaliana Abdullah @ Ho Say Hoon. During their visit, they were given an overview of SBC's facilities and our ongoing research and development activities.



Visits



**Nuffield International
Farming Scholars from
Australia, New Zealand,
the United Kingdom**
23rd September 2024



On 23rd September 2024, SBC had the pleasure of hosting eleven (11) Nuffield International Farming Scholars from Australia, New Zealand, the United Kingdom, and the Netherlands.

Their visit, part of the Global Focus Programme under the Nuffield International Farming Scholarship, aimed to learn about SBC's work with indigenous communities and our research in sustainably using Sarawak's biodiversity.

Nuffield International is a global network of farmers and agriculture professionals dedicated to building leadership skills and promoting excellence in farming, research, and innovation.



**Canterbury University
New Zealand**
25th September 2024

On 25th September 2024, SBC welcomed Professor Dr. Cheryl de la Rey, Vice Chancellor of the University of Canterbury, New Zealand, and Tan Sri Datuk Amar Dr. Hamid Bugo, New Zealand's Honorary Consul in Sarawak, to our centre.

They were joined by Dato Ir Alex K.K. Ting, University of Canterbury Alumni Coordinator for Kuching, Andrew L. Bayly, Managing Director of Emec Technology Sdn. Bhd. and representative of the New Zealand ASEAN Business Alliance, and Mr. Haziq Shahren, Market Research Analyst from InvestSarawak.

The visit reflects growing international interest in partnering with us, especially in natural product development from Sarawak's unique biodiversity and in advancing our ESG efforts towards nature-positive solutions.

Our ties with New Zealand go back to our founding. In 1997, Tan Sri Hamid, then Sarawak's State Secretary, played a key role in establishing a biodiversity conservation centre. His vision was supported by a report from Dr. David R. Given of Christchurch, New Zealand, which set the foundation for our research direction and the centre's creation.

Visits

Participants of Coffee and Climate Change in Southeast Asia Workshop

5th November 2024



Twenty-five participants from the Coffee and Climate Change SEA Workshop visited SBC as part of the workshop's programme.

The workshop, themed **“Outlook for the Sarawak Coffee Industry”** took place in Kuching from 5th to 7th November 2024, and is jointly organised by the Ministry of Food Industry, Commodity and Regional Development, Sarawak (MFICORD), and Universiti Malaya (UM).

The participants from Thailand, Indonesia, and Malaysia were focused on learning about the impacts of climate change on agriculture and exploring sustainable practices applicable to agro-environmental contexts.

Led by Dr Adibi Mohd Nor of UM, the delegates learned about SBC's efforts to conserve Sarawak's rich biodiversity and sustainable environmental management.

His Excellency Alejandro Rosselli Londoño, Ambassador of Colombia to Malaysia

27th November 2024



We were honoured to host His Excellency Alejandro Rosselli Londoño, Ambassador of Colombia to Malaysia, and his sister, Aoriana, on 27th November 2024.

Colombia and Sarawak share many similarities, especially in their rich biodiversity and strong indigenous communities with deep traditional knowledge of natural resources.

His visit aligns closely with SBC's efforts in exploring the potential of Sarawak's biodiversity, supporting indigenous knowledge, and implementing the Access and Benefit Sharing (ABS) framework.

The visit also helps strengthen connections between Sarawak and Colombia, creating new opportunities for collaboration and promoting fair and sustainable growth.

Notably, Colombia recently hosted CBD COP16 in Cali from 20th October to 1st November 2024.

Visits



Cuban Ambassador to Malaysia, H.E Florentino Batista Gonzalez
29th November 2024

On 29th November 2024, we welcomed the Cuban Ambassador to Malaysia, H.E. Florentino Batista Gonzalez, and his wife, Madam Saimi Reyes Carmona, to SBC.

During their visit, they were excited to see the White Mariposa (*Hedychium coronarium*) blooming in our ethnobotanical garden. Also known as the Butterfly Lily, it is the national flower of Cuba.

The Ambassador's visit highlighted the shared biodiversity and cultural richness between Cuba and Sarawak, while also opening doors for future collaboration. Cuba is well known for its progress in biotechnology, especially in pharmaceuticals and vaccine development.



His Excellency Ricardo Estanislao Morote Canales, Ambassador of Peru & Madam Sandra Isabel Massieu de Morote and His Excellency Luis Javier Campuzano Pina, Ambassador of Mexico
30th November 2024



On 30th November 2024, H.E. Ricardo Estanislao Morote Canales, Ambassador of Peru, and H.E. Luis Javier Campuzano Pina, Ambassador of Mexico, visited SBC during their time in Kuching.

H.E. Ambassador Ricardo was accompanied by his wife, Madam Sandra Isabel Massieu de Morote, while H.E. Ambassador Luis was joined by his son, Liam Campuzano.

Peru and Mexico, like Sarawak, are known for their rich biodiversity and diverse indigenous cultures. These similarities open up opportunities for collaboration in research, sustainability, and knowledge sharing.

**STAFF
ACHIEVEMENTS,
AND
SOCIAL WELFARE AND
SPORT CLUB**

Staff Achievements

ANUGERAH PERKHIDMATAN CEMERLANG 2024

Constance Vanessa Victor
Administrative Officer (N9)

Stanley Ho Han Kiat
Research Officer (Q9)

Patricia Rowena Anak Mark Baran
Research Officer (Q9)

Zurien Amiera Binti Irwan
Assistant Research Officer (Q5)

Kho Swee Liang
Research Officer (Q9)

Selwynn Anak Jaoui Edward
Assistant Administrative Officer (N6)

Jorim Anak Ujang
Research Officer (Q9)

Rosy Anak Tian Lin
Administrative Assistant (N2)

Voon Boon Ting
Administrative Officer (N9)

Van Mc Queen Anak Thomas
Assistant Research Officer (Q6)

SIJIL PENGHARGAAN PERKHIDMATAN CEMERLANG 2024

Margarita Naming
Research Officer (Q14)

Tu Chu Lee
Research Officer (Q12)

Asha Devi Kaushal
Administrative Officer (N13)

Lau Ching Ching
Research Officer (Q9)

Frankie Anak Kumbak
Research Assistant (Q2)

Dr Ng Lee Tze
Research Officer (Q13)

Mohammad Farhan Darin Bin Azri
Research Officer (Q9)

**Asma' Saiyidatina Aishah
Binti Abdul Rahman**
Assistant Research Officer (Q6)

Ng Yik Han
Research Officer (Q12)

Gilbert Lau Sei Kung
Research Officer (Q13)

Siti Muhaini Binti Haris Fadzillah
Research Officer (Q10)

Zurien Amiera Binti Irwan
Assistant Research Officer (Q5)

Dr Ling How Lie
Research Officer (Q9)

Noor Pahtiwi Binti Bohari
Research Officer (Q13)

Julian Voong Cheng Liang
Research Officer (Q12)

Hii Mei Mei
Research Officer (Q12)

Nuraqilah Binti Othman
Research Officer (Q12)

Barbara Anak Ngikoh @ Nyikoh
Research Officer (Q10)

Clifford Anak Junaidi Kutoi
Research Officer (Q9)

Dr Ann Anni Basik
Research Officer (Q13)

Holed Anak Juboi
Research Officer (Q12)

Staff Achievements

SIJIL PENGHARGAAN PERKHIDMATAN CEMERLANG

Chia Ying Ying <i>Research Officer (Q9)</i>	Kho Swee Liang <i>Research Officer (Q9)</i>
Mitchel Constance Anak George <i>Research Officer (Q9)</i>	Kon Nyuk Fong <i>Research Officer (Q9)</i>
Freddie Anak Ambrose Ambol <i>Research Assistant (Q1)</i>	Harny Anak Chapi <i>Research Officer (Q10)</i>
Selwynn Anak Jaoui Edward <i>Assistant Administrative Officer (N6)</i>	Jorim Anak Ujang <i>Research Officer (Q9)</i>
Constance Vanessa Victor <i>Administrative Officer (N9)</i>	Rosy Anak Tian Lin <i>Administrative Assistant (N2)</i>
Patricia Rowena Anak Mark Baran <i>Research Officer (Q9)</i>	Mohd Fadeli Haironi Bin Jemat <i>Research Officer (Q10)</i>
Dr Noreha Binti Mahidi <i>Research Officer (Q13)</i>	Dick Brandon Anak Devi <i>Research Assistant (Q1)</i>
Michele Mejin <i>Research Officer (Q13)</i>	Voon Boon Ting <i>Administrative Officer (N9)</i>
Sabda Bin Safiee <i>Research Officer (Q9)</i>	Van Mc Queen Anak Thomas <i>Administrative Officer (Q6)</i>
Mounsey Muskie Anak Moding <i>Research Assistant (Q2)</i>	Stanley Ho Han Kiat <i>Research Officer (Q9)</i>

CERTIFICATE OF ACHIEVEMENT FOR WITHOUT SICK LEAVE AS OF 2024

Nineteen (19) consecutive years (2006-2024) • Rosy Anak Tian Lin	Nine (9) Consecutive Years (2016 - 2024) • Ng Yik Han • Romney Anak Dawur • Selwynn Anak Jaoui Edward
Seventeen (17) Consecutive Years (2008 - 2024) • Sabda Bin Safiee	Four (4) Consecutive Years (2021 - 2024) • Dato Dr Yeo Tiong Chia • Lau Ching Ching • Spencer Russel Anak Samuel • Voon Boon Ting • Yong Sy Fuh
Fifteen (15) Consecutive Years (2010 - 2024) • Margarita Naming	Three (3) Consecutive Years (2022 - 2024) • Bernard Jerome • Dr Ng Lee Tze • Elsa Isla Jong
Twelve (12) Consecutive Years (2013 - 2024) • Barbara Anak Ngikoh @ Nyikoh	
Nine (9) Consecutive Years (2016 - 2024) • Hafizah Binti Booty • Lee Jong Jen	

Social Welfare and Sport Club

ACTIVITIES

Pertandingan Futsal JKRS 2024

20th January 2024

Pertandingan Futsal JKRS 2024 was organised by Jabatan Kerja Raya Sarawak (JKRS), bringing together teams from various government departments and agencies across Sarawak, fostering inter-agency collaboration and sportsmanship. SBC's team displayed commendable effort and enthusiasm throughout the tournament, reflecting our commitment to promoting wellness, teamwork, and a healthy work-life balance.



Kejohanan Futsal MAKSAR Sarawak Antara Bahagian 2024

10th March 2024

Outstanding achievement of Cassandra Hazel Anak Mijilit, Assistant Research Officer at SBC, who was honoured as the **“Man of the Match”** for her exceptional performance as a goalkeeper in the State Level MAKSAR Sarawak Futsal (Women) Championship 2024.



Cassandra represented the Kuching B team, which emerged as champions of the tournament. The final match was a thrilling encounter, with Kuching B securing a narrow 3-2 victory over Miri, who finished in second place. Samarahan and Serian shared the third-place position.

The prize-giving and closing ceremony was officiated by Datu Buckland Bangik, Deputy Secretary of the Sarawak (Administration). Also in attendance were Encik Semawi Mohamad, Director of the Integrity and Ombudsman Unit (UNIONS) and Honorary Secretary of MAKSAR Sarawak, and Puan Norleha Shariff, Resident of Kuching Division and Chairman of MAKSAR Kuching Division.

MAKSAR Sarawak, also known as the Malaysian Government Servants' Welfare and Sports Council, Sarawak, continues to promote sportsmanship and camaraderie among government employees. SBC remains committed to fostering a culture of inspiration and motivation among its staff, actively encouraging participation in MAKSAR events.

2024 HSL Samarahan Marathon

11th and 12th May 2024

The HSL Samarahan Marathon 2024, an annual event was organised by Hock Seng Lee Berhad (HSL). The marathon featured various race categories including the 42KM full marathon, 21KM half marathon, 10KM competitive run, and 3KM - 6KM fun runs, attracting over 2,000 participants from across Sarawak.

SBC's team joined multiple categories, demonstrating strong commitment to health, wellness, and community engagement. The event also saw participation from numerous running clubs and government agencies, fostering a vibrant and energetic atmosphere.



Social Welfare and Sport Club

Run to Save Lives 4.0

23rd June 2024

Run to Save Lives 4.0, is a community event organised by the Malaysian Red Crescent Society (MRCS), Kuching Branch in collaboration with local partners, aiming to raise awareness and support for emergency medical services and humanitarian efforts. The event featured various running categories and attracted a wide range of participants from government agencies, NGOs, and the general public.



Padawan Raft Safari 2024

20th October 2024

The Padawan Raft Safari is organised annually by the Padawan Municipal Council, and SBC have been participating in this event since 2011 .

The tough but scenic raft race stretched along a 22KM river course from Kampung Danu to Kampung Git in Padawan, Kuching. The tough but scenic raft race stretched along a 22KM river course from Kampung Danu to Kampung Git in Padawan, Kuching. The event saw an impressive turnout, with over 150 teams competing in this thrilling and physically demanding challenge.



SBC is pleased to recognise the achievements of our participating teams in the Government Agency Category:

- **4 Samak Dayak Buai Dayuh - 4th Place**
- **AJU 806 - 8th Place**
- **C4 Sonixx - 9th Place**

Additionally, congratulations to the Paddle Pop girls for securing 9th place in the women's category. The event was officially flagged off and concluded with a Prize Presentation Ceremony officiated by Cr. Tan Kai, Chairman of the Padawan Municipal Council.

Kuching Marathon 2024

27th October 2024

In the early hours of Saturday, 27 October 2024, while the city was still asleep, 52 dedicated SBC staff members laced up their running shoes and took on the challenge of the annual Kuching Marathon 2024.

Their participation spanned across multiple race categories:

- **1 participant completed the full marathon (42KM)**
- **10 participants ran the half-marathon (21KM)**
- **6 participants took on the 10KM race**
- **32 participants joined the 5KM fun run**



SBC believes that maintaining a healthy lifestyle contributes significantly to productivity and performance - both in the laboratory and in the field.

SARAWAK BIODIVERSITY CENTRE

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