

KEMPEN ESG TAIWAN EXCELLENCE BERSAMA ECO-SCHOOLS MALAYSIA

Taiwan Excellence ESG Campaign with Eco -Malaysia

**SMK DATO' ABDUL RAHMAN YA'KUB,
BOTA, PERAK DARUL RIDZUAN
KHAMIS, 27 OKTOBER 2022**

*SMK Dato' Abdul Rahman Ya'kub,
Bota, Perak Darul Ridzuan
Thursday, 27th October 2022*



ATURCARA

Sesi 1

- 8.30 pagi
- : Ketibaan dif-dif jemputan
 - : Ketibaan Pengarah dan Timbalan Pengarah, JPN Perak
 - : Nyanyian lagu Negaraku, Lagu Negeri Perak dan Lagu Sekolah
 - : Bacaan doa
 - : Ucapan Aluan Pengetua SMK Dato' Abdul Rahman Ya'kub
 - : Ucapan Penasihat Green Growth Asia Foundation, Tuan Aznan bin Haji Alias,
 - : Ucapan Duta Taiwan Excellence, Cik Dayang Nurfaezah
 - : Ucapan Ketua Pegawai Eksekutif MB Inc., Encik Anuar Zainal Abidin
 - : Penyampaian Cenderahati

Sesi 2

- 10.00 pagi : Lawatan Tetamu Kehormat ke lokasi Projek Eco-Schools:
11.00 pagi : Majlis Penanaman Pokok oleh Cik Dayang Norfaizah, Duta Hijau Taiwan Excellence diiringi tetamu kehormat serta 20 orang pelajar

Sesi 3

- 11.15 pagi : Jamuan VIP
: Bersurai

Sesi 4

- 10.00 – 11.00 pagi: Bengkel 1 : Pertanian Mampan (40 orang pelajar)
Bengkel 2 : Pengeluaran dan Penggunaan Mampan (40 orang pelajar)

AGENDA

Session 1

- 8.30 am
- : Arrival of guests
 - : Arrival of Director and Assistant Director, Perak State Education Department
 - : Singing of National Anthem, Perak State Song and School Song
 - : Prayer Recital
 - : Welcome Address by Principal of SMK Dato' Abdul Rahman Ya'kub
 - : Address by Green Growth Asia Foundation Advisor, Tuan Aznan bin Haji Alias,
 - : Address by Taiwan Excellence Green Ambassador, Ms Dayang Nurfaezah
 - : Address by MB Inc. Chief Executive Officer, Mr Anuar Zainal Abidin
 - : Memento Exchange

Session 2

- 10.00 am : VIP Tour to SMK Dato' Abdul Rahman Ya'kub Eco-Schools project site
11.00 am : Planting demonstration by Ms Dayang Norfaizah, Taiwan Excellence Green Ambassador accompanied by guests of honour and 20 students

Session 3

- 11.15 am : Refreshments
: End

Session 4

- 10.00 – 11.00 am : Workshop 1 : Sustainable Agriculture (40 students)
Workshop 2 : Responsible Production and Consumption (40 students)



PETA LAWATAN / SCHOOL TOUR MAP



LEGEND:

1. HEALTHY GARDEN
2. STATION 12 – HERB GARDEN
3. STATION 13 – HEALTHY MIND GARDEN
4. STATION 14 – TS25 GARDEN
5. STATION 15 – PRINCIPAL'S GARDEN
6. STATION 16 – PTA GARDEN
7. STATION 17 – ECO-SCHOOLS MURAL
8. STATION 18 – OREGANO GARDEN
9. STATION 19 – ALOE VERA GARDEN
10. STATION 20 – STEM TUNNEL
11. STATION 21 – EDIBLE GARDEN



MAKLUMAT ECO-SCHOOLS / ABOUT ECO-SCHOOLS

Program Eco-Schools adalah program sekolah mampan global yang terbesar di dunia.

Program Pendidikan Alam selama 3 tahun ini diberikan kepada pelajar sekolah rendah dan menengah. Direkabentuk oleh Yayasan Pendidikan Alam berpusat di Denmark, program ini telah disesuaikan kepada konteks Malaysia dan diluluskan oleh Kementerian Pendidikan Malaysia. Sehingga 2022, terdapat lebih daripada 250 Eco-Schools di Malaysia.

Green Growth Asia Foundation merupakan Pengendali Kebangsaan Program Eco-Schools.

Eco-Schools is the largest global sustainable schools programme in the world.

Eco-Schools Programme (ESP) is a 3-year environmental education programme for children in primary and secondary schools. It is developed by Foundation for Environmental Education (FEE) based in Denmark and is endorsed by the Ministry of Education Malaysia. As of 2022, there are more than 250 Eco-Schools in Malaysia.

**GREEN GROWTH ASIA FOUNDATION IS THE NATIONAL OPERATOR
ECO-SCHOOLS PROGRAMME.**



MAKLUMAT ECO-SCHOOLS / ABOUT ECO-SCHOOLS

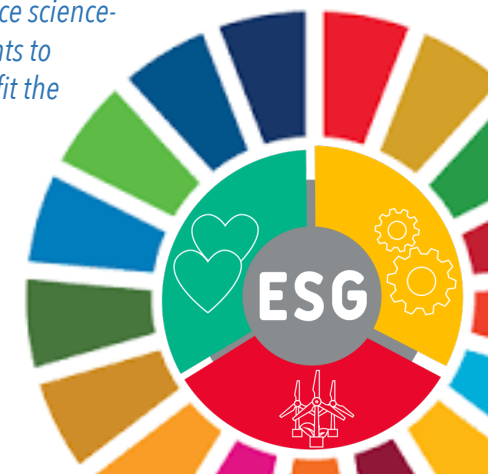


12 tema Program Eco-Schools selari dengan matlamat UN SDG dan ESG.

Pelajar sekolah Eco-Schools akan menimba pengalaman belajar berasaskan projek, kepimpinan, dan berasaskan kaedah saintifik dan data. Ini akan memperkasakan keupayaan pelajar mengatasi permasalahan alam sekitar serta bekerja secara kolaboratif untuk mendapatkan penyelesaian permasalahan yang memanfaatkan sekolah dan komuniti sekitar sekolah.

Eco-Schools Programme is Aligned to UN SDGs and ESG through 10 themes

With 10 themes to choose from, schools embarking on the ESP will experience science-based, student-led, and project-based learning methods. It empowers students to undertake environmental issues and collaboratively find solutions that benefit the schools and the surrounding communities.



MAKLUMAT ECO-SCHOOLS / ABOUT ECO-SCHOOLS

PROGRAM ECO-SCHOOL MEMANFAATKAN SEKOLAH, PELAJAR, GURU DAN KOMUNITI

ESP Benefits Schools, Students, Teachers and the Community

Sekolah / School

QUANTITATIVE FINDINGS

15.5% ↗
Waste Savings

9% ↗
Water Savings

11% ↗
Watts Savings

Pelajar & Guru / Students & Teachers

QUALITATIVE FINDINGS

TEACHERS

Increase of knowledge about Green STEM and project-based learning

85% ↗

Increase in positive perception on the importance of sustainability issues

82% ↗

Increase in outdoors teaching

12% ↗

STUDENTS

Waste knowledge increase

5% ↗

Water knowledge increase

20% ↗

Watts knowledge increase

18% ↗

Komuniti

- 83% pihak berkuasa tempatan berpendapat program Eco-Schools Berjaya meningkatkan kepekaan biodiversiti ejen-ejen penyenggaraan kawasan hijau.
- 87% sekolah telah membina kotak-kotak sarang bagi haiwan hutan di sekitar sekolah.

Di rumah

- 3 dari 4 ibu-bapa mendapati anak mereka telah mempelajari kecekapan baru yang diaplikasi di rumah.
- 8 dari 10 ibu-bapa telah mula mengamalkan perilaku baru dalam menyelenggara sampah, seperti pengumpulan berpilih, penggunaan semula beg plastic dan mengitar semula bateri.

Community

- 83% of local authorities think Eco-Schools helps to raise biodiversity awareness among their agents managing green areas.
- 87% of schools have installed hosting areas for wildlife such nest boxes, etc.

At Home

- 3 of 4 parents observed their child learned new skills applied in the home.
- 8 of 10 parents have adopted new behaviour on waste handling such as selective collecting, reusable bags and recycling batteries.



ECO-SCHOOLS & ESG

Realisasikan Agenda ESG dengan Menyokong Sekolah dan Masyarakat

Pelan Tindakan ESG (Alam Sekitar, Kemasyarakatan, Tadbir Urus Korporat) yang mantap dapat menambah nilai syarikat. Malah, 63% dari 2000 kajian ke atas kesan ESG menunjukkan dapatan positif dari sudut pulangan ekuiti (McKinsey & Company, Oktober 2015).

Marilah bekerjasama dengan Program Eco-Schools untuk memperkukuhkan Tindakan Alam Sekitar serta Kemasyarakatan di dalam usaha melaksanakan ESG. Ianya akan memperhebatkan pertalian dan reputasi syarikat dengan masyarakat dan institusi di dalam komuniti perniagaan anda.

Fulfil Your ESG Agendas by Supporting Schools and Communities in Your Business Location

A strong environmental, social, and governance (ESG) proposition can create value for companies. In fact, 63% of 2000 studies on the impact of ESG showed positive findings from a return-on-equity standpoint (Mckinsey & Company, Oct 2015).

Through the Eco-Schools Programme (ESP), let's work together to enrich the Environmental pillar in your ESG journey and the Social principle, which addresses your company's relationships and the reputation it fosters with people and institutions in the communities where your business is.



- Perubahan Iklim
- Pencemaran & Sisa
- Penggunaan Sumber
- Jejak Ekologi
- Kepelbagaian Bio

- Climate Change
- Pollution & Waste
- Use of Resources
- Ecological Footprint
- Biodiversity

- Kesihatan dan Keselamatan
- Tanggungjawab produk & pengguna
- Impak ke atas Komuniti
- Kepelbagaian dan Rangkuman
- Hak Kemanusiaan

- Health & Safety
- Product & Consumer Responsibility
- Community Impact
- Diversity & Inclusion
- Human Rights

- Kepimpinan & Urus Tadbir Korporat
- Anti-rasuah
- Pengurusan Risiko
- Ketelusan Cukai
- Etika Perniagaan

- Leadership & Corporate Governance
- Anti-corruption & Bribery
- Risk Management
- Tax Transparency
- Business Ethics



ECO-SCHOOLS & ESG

Pelbagai Cara Merealisasikan Agenda ESG melalui Program Eco-Schools

Sekiranya Pengurangan Karbon adalah priority usaha ESG anda, berikan ilmu dan daya perkasaa kepada pelajar-pelajar sekolah di Kawasan perniagaan anda untuk mengimbangi pengeluaran karbon sekolah dengan

- Kitar semula
- Menggunakan tenaga yang boleh diperbaharui
- Penjimatan tenaga
- Pengurangan Sisa



Syarikat anda juga boleh mengambil sekolah angkat untuk meningkatkan kepelbagaian bio di perkarangan sekolah dengan :

- Tapak makan burung
- Menanam pokok dan sayuran
- Laman herba
- Menjadikan lapangan kosong kepada lapangan hijau



Sekiranya perniagaan anda menumpukan kepada usaha penjimatan air, pilih sekolah berdekatan perniagaan anda untuk :

- Membina sistem pengumpulan air hujan
- Memasang sistem penjimatan air



Ways you can fulfil your ESG agenda through Eco-Schools Programme

If carbon reduction is one of your ESG priorities, adopt a school nearby to educate and empower students to offset their schools' carbon emissions through:



Recycling



Renewable Energy



Saving Energy



Reducing Waste

Your company can also adopt a school to improve biodiversity on school grounds by :



Placing bird feeders



Planting trees & vegetables



Growing herb gardens



Transforming unoccupied areas into green spaces

If your business focuses on saving water, adopt a school to embark on a campaign by :



installing water harvesting system



installing water efficiency system



PERIHAI TAIWAN EXCELLENCE

Taiwan Excellence adalah inisiatif Biro Dagangan Luar Taiwan dan diuruskan oleh Majlis Pembangunan Dagangan Luar Taiwan (TAITRA).

Diperakui global, Taiwan Excellence menjadi symbol inovasi dan bernilai tinggi, yang mana syarikat-syarikat tersebut menjadi peneraju di dalam pengurangan karbon dan pelepasan karbon sifar. Kejayaan inovasi hijau syarikat-syarikat ini diperakui serata dunia menjadikan produk-produk mesra alam yang dihasilkan mendapat sambutan tinggi. Inisiatif ini bertujuan mendalami lagi pemahaman bagaimana produk Taiwan boleh membantu mencapai sasaran pemeliharaan alam sekitar serta menjadi Rakan Hijau syarikat-syarikat Malaysia.

Taiwan Excellence juga berfokus tajam kepada dasar ESG (Persekitaran Alam, Kemasyarakatan dan Tadbir Urus) dan berganding bahu bersama Program Eco-Schools Malaysia bertujuan menyemai benih-benih ekonomi hijau. Pengarah Eksekutif Green Growth Asia Foundation, Ir. Ts. Dr. Mahadi Mohamad, yakin bahawa produk pemenang anugerah Taiwan Excellence ini boleh memberi inspirasi kepada pelajar yang berfokus kepada manfaat inovasi produk ke atas pemeliharaan alam sekitar sekaligus memberikan perspektif baru kepada aliran Pendidikan alam sekitar.

ABOUT TAIWAN EXCELLENCE

Taiwan Excellence is an initiative of the Taiwan Bureau of Foreign Trade and managed by the Taiwan External Trade Development Council (TAITRA).

Taiwan Excellence is the globally respected symbol of innovative value, and many Taiwanese enterprises are market leaders in carbon reduction and net-zero emission. Their green focused achievements are recognized around the world and their eco-friendly products are highly sought after. This initiative intends to deepen the understanding of how Taiwanese products can assist in achieving environmental protection objectives and become green partners for Malaysia.

Taiwan Excellence is also focusing on ESG (Environmental, Social, and Governance) ideology and has joined the Eco Schools Malaysia initiative as a partner with the aim of sowing the seeds of a green economy. Ir. Ts. Dr. Mahadi Mohamad, Executive Director of Green Growth Asia Foundation, the organisation behind the Eco Schools Malaysia effort, believes that Taiwan Excellence award-winning products will inspire the students' ecological-focused thinking about the possibilities that product innovation brings to environmental protection and provide a fresh perspective for the movement.



PRODUK TERPILIH / *SELECTED PRODUCTS*

JU TIAN CLEANTECH CO., LTD



Straw minuman diperbuat dari bahan gunasemula, tahan dan selamat digunakan, khasnya bagi kanak-kanak. Straw mesra alam ini tidak berbau dan tiada rasa yang ganjil.

Disposable drinking straws are made of renewable materials that are durable and safe to use, even for children. These environmentally friendly plant fiber straws are odorless and tasteless, so you can enjoy your drinks without off flavors.

MacroHI Co., Ltd



Syampu likat bagi kulit kepala diperbuat sepenuhnya dari herba dan langsung tidak mengandungi bahan kimia, dicipta bersama pakar kulit untuk pelbagai keadaan kulit kepala.

AROMASE is the accumulation of three generations of knowledge and 60 years of scalp care experience. The all-herbal and medicine-free scalp care shampoo are co-developed with dermatologists and formulated for a wide range of scalp types.

AVATAACK Co., Ltd.



Beg anak pokok terbiodegradasi ini boleh dikompos dan mengeluarkan air, CO2 dan kompos. Penggunaan beg ini mengurangkan sisa plastik dan mengurangkan bahaya kepada alam sekitar.

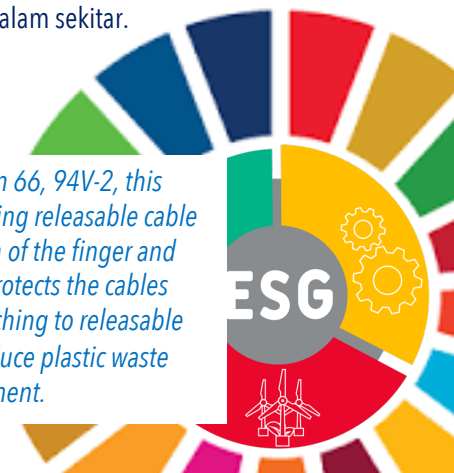
AVATAACK biodegradable films and seedling bags are compostable, resulting into water, CO2 and compost. Using biodegradable material reduces plastic waste, which reduces harm to the environment.

KSS ENTERPRISE CO. LTD.



Diperbuat dari bahan Nylon 66 94V-2, pengikat kabel ini mengurangkan sisa plastik dan membantu memelihara alam sekitar.

Made from UL approved Nylon 66, 94V-2, this Taiwan Excellence 2019 winning releasable cable tie can be opened with a push of the finger and the outside serrated design protects the cables and wires from damage. Switching to releasable and reusable cable tie can reduce plastic waste and help protect the environment.



PENGISIAN BENGKEL / *ENRICHED WORKSHOPS*

BENGKEL 1

Pertanian Mampan

Seramai 40 pelajar berpeluang mempelajari kaedah pertanian yang mesra alam serta memanfaatkan masyarakat sekeliling. Wakil Taiwan Excellence akan mendemonstrasi kepentingan menggunakan produk-produk pertanian yang boleh dibiodegradasi.

BENGKEL 2

Pengeluaran dan Penggunaan Mampan

Seramai 40 pelajar akan diberi pengisian berkenaan kaedah sisa-sifar, pengeluaran dan penggunaan produk secara bertanggung-jawab, dikendalikan oleh wakil Taiwan Excellence.

WORKSHOP 1

Sustainable Agriculture

Forty students will be participating in this workshop which will focus on sustainable farming practices and methods that are environmentally sound and good for the community. Taiwan Excellence representative will showcase the importance of using biodegradable products in farming.

WORKSHOP 2

Responsible Production and Consumption

Forty students will be participating in this workshop which will focus on zero-waste, responsible production and consumption practices and methods by Taiwan Excellence representative.

DEMONSTRASI PENANAMAN POKOK OLEH DUTA HIJAU TAIWAN EXCELLENCE CIK DAYANG NORFAIZAH

*PLANTING DEMONSTRATION BY TAIWAN
EXCELLENCE GREEN AMBASSADOR
MS DAYANG NORFAIZAH*

