



WHERE GOOD FLOURISHES

It is in the giving of one, that often becomes the gain of plenty. In the first year of operations, we did our best to lift the spirits of those in need - only to have our hearts overflowing with gratitude.



We met children suffering from terminal cancer. **They showed us little hearts can have big courage.**

We met teachers travelling on long boats amid dangerous monsoon torrents. **They taught us what commitment to duty means.**

We met mothers who walked miles to get water for their crops. **They shared what entrepreneurship birthed for the sake of love looks like.**

We met researchers, bent on conserving our forests. **They reinforced our belief in investing in sustainability, as a responsible energy solutions partner.**

We met frontliners and volunteers who gave their time - not to be appreciated, but to honour others instead. **They taught us what it means to be human.**

They were the ones who gave. And we have humbly, so richly gained.

Looking back at 2019, Yayasan PETRONAS was given the opportunity to make an impact on many fronts.

We have been enriched from these encounters with Malaysians from all walks of life, and grateful for the support extended by over 1,500 volunteers and partners who have made it all possible.

We invite you to meet our heroes in the coming pages.

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Chairman's Message



"The foundation's objective is in line with PETRONAS' Statement of Purpose towards being a progressive energy and solutions partner enriching lives for a sustainable future."

Building better, together

I am pleased and honoured to be delivering Yayasan PETRONAS' first annual report. Yayasan PETRONAS, established under the helm of PETRONAS, upholds the unwavering commitment of Malaysia's national energy company to empower communities and harness the good in energy to support the growth and prosperity of the nation. The foundation's objective is in line with PETRONAS' Statement of Purpose towards being a progressive energy

and solutions partner enriching lives for a sustainable future.

Since its inception on 1 March 2019, I am pleased to share that Yayasan PETRONAS has contributed approximately RM34.4 million through various Corporate Social Responsibility (CSR) initiatives in Education, Community Well-being and Development, and the Environment in its first year of operation. Building on this momentum, I am confident that Yayasan PETRONAS will continue to deliver sustainable and scalable impact and make a lasting difference for the current and future needs of communities.

In this journey, our initiatives are aligned with PETRONAS' Sustainability Agenda, carried out through its four lenses: continued value creation, to safeguard the environment, to create positive social impact and to practice responsible governance. The long-term value creation of this corporate agenda is guided by the United Nations Sustainability Development Goals (SDGs) 2030.

As I end my note, the world we know today is facing unprecedented challenges from COVID-19 that has radically altered the fabric of society. We must continue to stand together to overcome

this momentous challenge. To date, Yayasan PETRONAS has initiated various collaborations with Malaysia's Ministry of Health and the National Disaster Management Agency (NADMA) to aid the efforts of our front-liners, society and the Government. Our contribution includes RM20 million worth of critical medical equipment and supplies that have been distributed to hospitals across Malaysia.

Despite these challenges, I believe that our relentless spirit, compassion and commitment to contribute to the well-being of society will chart the next chapter for Yayasan PETRONAS, as we work together to progress and prosper as a nation.

On behalf of Yayasan PETRONAS, I wish to express my sincere appreciation and gratitude to our employees, partners and volunteers for your continued support and commitment.

To the Yayasan PETRONAS Board of Trustees, thank you for your guidance and stewardship, as well as dedication in making Malaysia a place "Where Good Flourishes".

Tan Sri Ahmad Nizam Salleh
Chairman
PETRONAS and Yayasan PETRONAS

Chief Executive Officer's Message



"I am optimistic that sustainable change will make us stronger and better."

In the past 12 months, Yayasan PETRONAS has grown in its resolve to enrich lives for a sustainable future.

The mandate: By Yayasan PETRONAS, for all Malaysians

With 'Where Good Flourishes' as our beacon, Yayasan PETRONAS is focused on making an impact in Malaysia.

We believe that social progress is inclusive, and everyone should be able to enjoy better quality of life. With this in mind, we are determined to deliver CSR initiatives that are sustainable and scalable, with shared success at heart.

Within the Education focus area, we continue to foster interest and competency in Science, Technology, Engineering and Mathematics (STEM), strengthening the skills of teachers to deliver Higher Order Thinking Skills (HOTS) for students of the 21st century.

In Community Well-being and Development, our focus is on building sustainable communities; exploring approaches such that when one person succeeds, the entire community can also participate to improve their livelihood - *Program Memampankan Ekonomi Asas Rakyat* (MEKAR) being an example of this multi-dimensional approach.

Adding to efforts of improving quality of life, we extended our support to further the work by Cancer Research Malaysia (CRM) - with an aim of reversing cancer.

Our third area of focus concerns the environment. The aim is to better the environment through biodiversity conservation and carbon neutral programmes. The keen focus we bring to research in this field is materialised with the launch of the Imbak Canyon Studies Center (ICSC), which allows us to preserve the country's rich flora and fauna.

Hand in hand we flourish

Shifting the needle on environmental and societal issues will require the right and tight alignment with the government and other organisations that share similar aspirations.

With these early steps, I am grateful for the support of partners, volunteers and the Board of Trustees, who remain resolute for the peace, progress and prosperity of Malaysians. With this, I am optimistic that sustainable change will make us stronger and better.

Lita Osman
Chief Executive Officer
Yayasan PETRONAS

Board of Trustees

"I believe that our relentless spirit, compassion and commitment to contribute to the well-being of society will chart the next chapter for Yayasan PETRONAS, as we work together to progress and prosper as a nation."



Tan Sri Ahmad Nizam Salleh

Tan Sri Ahmad Nizam Salleh is the Chairman of PETRONAS and Yayasan PETRONAS.

Additionally, he is the Chairman of KLCC Property Holdings Berhad, KLCC (Holdings) Sdn Bhd and KLCC REIT Management Sdn Bhd. He is also currently Pro-Chancellor of Universiti Teknologi PETRONAS.

Tan Sri Ahmad Nizam Salleh joined PETRONAS in 1981 and in his tenure with the company held various senior leadership roles, including Vice President of Corporate Services, Managing Director/CEO of Malaysia LNG Group of Companies and Managing Director/CEO of Engen Petroleum Limited, South Africa.

"Education is said to be society's greatest equaliser. Students given the right support and tools can break the poverty cycle. This will in turn allow them to become active contributors in the development of society."



Tan Sri Datuk Dr Rafiah Salim

A lawyer by qualification, Tan Sri Dr Rafiah is currently Chairman of Malaysian Genomics Resource Centre (MGRC), Allianz Malaysia Berhad and Allianz General Insurance Company (Malaysia) Berhad, while serving as board member in several public-listed companies.

Prior to this, Tan Sri Dr Rafiah held various positions including Vice Chancellor of Universiti Malaya in 2006 to 2008, General Manager (Human Resources) of Maybank and Assistant Governor of Bank Negara Malaysia.

She was also the first Malaysian to be appointed Assistant Secretary-General for Human Resource Management at the United Nations, from 1997 to 2002.

"Eco-shifts in areas of an organisation's policies, strategies, governance, processes and practices for environmental sustainability, will enable the betterment of society."



Dato' Seri Ir Dr Zaini Ujang

Dato' Seri Zaini was recently appointed as the Secretary-General for the Ministry of Environment and Water, Malaysia.

He is an accomplished author, academic administrator, environmental engineer and scientist who gathers his experience and understanding on science, technology, policy and financing for the environmental sector.

He has written and published over 250 scientific papers in leading academic journals, as well as 40 books on environmental engineering, water sustainability, higher education and learning innovation. He was the first recipient of the prestigious Merdeka Award for Outstanding Scholastic Achievement in 2009, former Vice-Chancellor of Universiti Teknologi Malaysia (UTM) and Secretary General for three Ministries.

"The country's development is founded on the progress it makes not just in the areas of economics, but also in social innovation: research-based solutions which improve the health and well-being of our societies and the environment for all to flourish."



Ahmad Redza Wahab

Ahmad Redza is currently Senior General Counsel, Legal Corporate, Group Legal at PETRONAS.

He was previously appointed as the Company Secretary of PETRONAS and served in various key positions which include Head of Legal Upstream Corporate Services and Technology Division, Legal Advisor to ENGEN Petroleum in South Africa and Head of Legal, Corporate Affairs and Administration, Iraq Holdings B.V.

He is a board member for PTV International Venture Sdn Bhd, PIVA Inc., PETRONAS Hartabina Sdn Bhd, PETROFIBRE Network (M) Sdn Bhd, PETRONAS eLearning Solutions Sdn Bhd and Energas Insurance (L) Limited.

"We want to be an organisation that looks beyond ourselves into the future, seeing endless possibilities with an open perspective and optimistic spirit that keeps us striving towards a better future for all."



Zahariah Abdul Rahman

Zahariah (Liza) Abdul Rahman holds over 20 years of experience in various leadership positions - including key roles in Group Treasury and Corporate Finance at PETRONAS.

In 2008, she was appointed as the CEO of WGC2012 - now known as International Conference and Exhibition Professionals (iCEP) - that staged the 25th World Gas Conference in 2012.

She is currently the Senior General Manager of Group Strategic Communications, while simultaneously holding various board positions within the PETRONAS Group of Companies.

Management Team

"Corporate Social Responsibility goes beyond charity and philanthropy. It involves careful planning and preparation, so that we may effectively mobilise our resources, and work with our partners and stakeholders to ensure that our contributions make a lasting difference - to both givers and receivers."



Lita Osman

Lita Osman has been with PETRONAS for nearly 30 years in many key management roles in the company. She has also spearheaded several notable sustainable and alternative energy programmes, as well as education programmes for the needy.

.....
Ikmal Hisham Maharon
Head, Planning and Services

Tengku Noraida Tengku Mahmood
Head, Operations

Baidura Jaapar
Head, Education-Operations

Devashne R Selvanathan
Executive, Operations

Yap Ai Chu
Secretary

Ong Siew Meei
Non-Executive, Planning and Services

Yayasan PETRONAS at a Glance

Yayasan PETRONAS, the Corporate Social Responsibility (CSR) arm of PETRONAS, has been established in support of PETRONAS' Statement of Purpose as a progressive energy and solutions partner enriching lives for a sustainable future.



Education

The *Sentuhan Ilmu* programmes aim to improve education outcomes and better the opportunities for underprivileged students, particularly in Science, Technology, Engineering and Mathematics (STEM).

Desired Impact

Contribute towards driving 60:40 national STEM enrolments.

Our Goal

Invest in underserved areas, working to equip teachers and students, in order to close the gap so that we progress collectively as a nation.



Community Well-being

The *Sentuhan Harapan* and *Sentuhan Kasih* programmes are devoted to improve the standards of living for less privileged communities and youths via programmes for sustainable livelihood as well as better health.

Desired Impact

Sustainable economic growth.

Our Goal

Improve the standard of living for underprivileged communities and youth by creating pathways for sustainable livelihood and better health.



Environment

From marine to mangrove, shores to rivers and forests, the *Sentuhan Alam* programmes focus on caring for the environment through biodiversity conservation and carbon neutral programmes.

Desired Impact

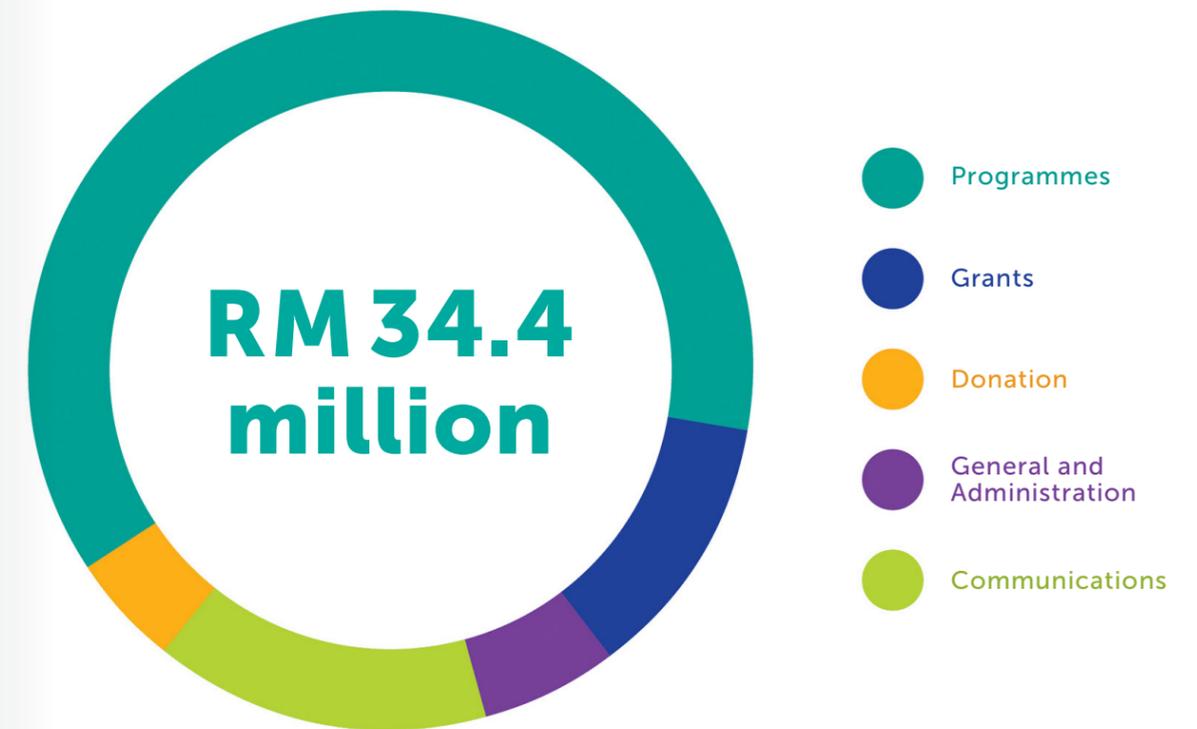
Reduce year-on-year environmental impact.

Our Goal

Better the environment through biodiversity, conservation and carbon neutral programmes.

2019 Financial Summary

Yayasan PETRONAS contributed 80 per cent of RM 34.4 million in programmes and grants for social impact in the areas of Education, Community Well-being and Development, and the Environment. General administration expenses and communications efforts supported these initiatives.



Sustainability for Impact



Sustainability to PETRONAS means conducting and growing our business in manners that contribute positively to society and the environment, guided by four sustainability lenses: Continued Value Creation, Safeguarding the Environment, Positive Social Impact and Responsible Governance. We believe that conducting our business with the highest ethical standards will create growth and return on capital, while generating opportunities for societal progress and better environmental outcomes.

PETRONAS is committed to focusing on seven Sustainable Development Goals (SDGs) which presents us an opportunity to create impact as we play our role to actively put the world on a more sustainable path.

2019 and Beyond

At Yayasan PETRONAS, we support PETRONAS' Sustainability Agenda across four SDGs: Decent Work and Economic Growth, Good Health and Well-being, Quality Education and Climate Action. In doing so, we develop and support programmes that are scalable - allowing successful models to be replicated across the country and to more communities, in order to foster shared success.



Our Journey in 2019



2019

Sentuhan Kasih Chinese New Year
P30

FEB

MAR

APR

MAY JUN

JUL

AUG

SEP

OCT

NOV

DEC



Yayasan PETRONAS Launch

Imbak Canyon Studies Centre Launch
P37

All About Youth State Competition
P18

Sentuhan Kasih Haze Aid
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All About Youth National Competition
P18

Cancer Research Malaysia Pledge
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Kelab Sukan dan Rekreasi PETRONAS (KRSP) Merdeka Ride
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MEKAR - Northern Corridor Economic Region (NCER) Kedah
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PETRONAS Counsellors Programme
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Asrama Harian Luar Bandar Launch in Sabah
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Back To School
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Sentuhan Kasih Deepavali
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PETRONAS Chemicals Group (PCG) Be Green
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PETRONAS Walk4Trees
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All About Youth Chairman Circle
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Sentuhan Kasih Christmas
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Program Duta Guru
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Sentuhan Kasih Bencana Alam
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Imbak Canyon Studies Centre Expedition
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All About Youth Bootcamp
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Planting Tomorrow (MEKAR), Terengganu
P27



Sentuhan Kasih Raya, Kaamatan and Gawai
P30



Investing in education and human capital development at all levels will enable a continuous and sustainable pipeline of talent for the industry and the nation.



Education

PETRONAS' Human Capital Investment: Education

Since 1975, PETRONAS has invested over RM3 billion in various education programmes, delivered in collaboration with state governments, industry partners and local communities to support the growth of Science, Technology, Engineering and Mathematics (STEM) in education.

PETRONAS adopts an integrated approach - offering support through infrastructure and programmes, for students from primary to tertiary institutions, as well as for the community.

Through these efforts, we believe access to quality education can enable Malaysians to improve their learning and development, as well as to realise their career aspirations.

INFRASTRUCTURE AND PROGRAMMES: FOR STUDENTS

Universiti Teknologi PETRONAS

One of Malaysia's leading private universities that offers industry-relevant engineering, and science and technology programmes at undergraduate and postgraduate levels.

>19,000 graduates since 2001

>60 nationalities

Institut Teknologi Petroleum PETRONAS (INSTEP)

The first-of-its-kind in the world, INSTEP's Upstream Downstream Training Plant (UDTP) provides experiential learning in a real plant environment to produce work-ready engineers and technicians.

130,000 competent technicians and operators

>30 plants and over 100 platforms across the world

Vocational Institution Sponsorship and Training Assistance (VISTA)

Assistance offered to selected institutions for infrastructure, equipment, trainers or programme readiness to develop technical and vocational capabilities.

28 institutions since 1981

Akademi Laut Malaysia (ALAM)

A leading one-stop Maritime Education and Training (MET) centre designed to prepare budding talent for the demanding career challenges in the maritime profession.

>13,000 seafarers since 1997

PETRONAS Education Sponsorship Programme (PESP)

Sponsorships to students with high academic calibre and leadership capability.

Close to 37,000 students since 1975

Trust Schools Programme

A sustainable public school transformation programme, focusing on excellence and holistic student outcomes over a five-year period.

20 selected schools in Sabah, Sarawak and Terengganu since 2015

Discover PETRONAS@Schools (DPS)

Designed for Form 4 students at high performing schools across Malaysia to provide exciting perspectives on oil and gas careers through workshops and carnivals.

15,790 students from 300 high performing schools since 2014

FOR COMMUNITY

Graduate Employability Enhancement Scheme (GEES)

A soft skill training programme supporting the government's Professional Training and Education for Growing Entrepreneurs (PROTÉGÉ) programme to enhance employability and boost human capital development.

1,040 graduates from 2011-2019

PETROSAINS

Petrosains, The Discovery Centre, provides interactive, experiential and hands-on exhibits, inreach and outreach activities that make learning STEM fun.

465,296 Petrosains visitors at Suria KLCC in 2019

Yayasan PETRONAS collaborates with PETRONAS to expand many of these exciting and impactful education initiatives specifically in the areas of STEM, while deploying additional flagship programmes of its own.

Yayasan PETRONAS' Education Programmes focus on three aspects



To improve access to education and enhance interest and competency in STEM, and inspire innovation. We also provide access to the relevant resources and provide a conducive space for learning, communication and collaboration for students.



To increase the quality and capability of delivering STEM subjects and learning outcomes.



To increase awareness and acceptance of STEM.

Inspiration for Students



By removing barriers for optimum learning - especially in rural areas and for the underprivileged, we provide equal opportunity for all to be active participants in the education system.



Back To School

What a record year!

The annual Back To School programme made its way to 15 states including the federal territories, drawing in the highest number of volunteers and paving the way for 21,000 primary school students to receive backpacks, school uniforms, shoes and stationery supplies.

Since 2013, the Back To School programme has alleviated the burden on parents to provide new school supplies at the start of the term. Fun workshops on STEM were also a highlight for the children.



21,000

school bags, shoes and uniforms

15 states

across Malaysia

300 students annually will benefit from sponsorship

Program BUDI-PETRONAS

A sponsorship programme in collaboration with Majlis Amanah Rakyat (MARA) since 2015 which aims to instil learning interest among underprivileged students and motivate them to achieve academic excellence specifically in Science, Technology, Engineering and Mathematics (STEM).

Merentas Malaysia: School Refurbishment in Imbak



Riders from *Kelab Sukan dan Rekreasi PETRONAS (KSRP)* travelled from Kuala Lumpur into the deep forest of Imbak Canyon Conservation Area (ICCA) to refurbish the canteen and the *Rancangan Makanan Tambahan* areas of Sekolah Kebangsaan (SK) Kampung Imbak.

They also gave a motivational talk to 30 school children, conducted STEM workshops and worked with Kampung Imbak homestay operators to promote their homestay programme and market their handicraft online.



Asrama Harian Luar Bandar (AHLB)

Two AHLBs are now ready for boarders at Sekolah Kebangsaan (SK) Balambangan Banggi, Sabah and SK Orang Kaya Muda Pakeri Paloh, Sarawak. By reducing the barrier to schooling, we hope more children will benefit from education.

Students who had to walk for hours or take boat rides through rough waters just to get to school can now be housed in accommodation blocks, with 60 beds each for male and female pupils, as each AHLB allows up to 120 live-in students at any one time.

Each hostel is also equipped with an administration office, dining hall, separate sick-bays for boys and girls, two warden rooms, showers and toilets, washing areas, kitchens, a kitchen storage and a surau.

"Sometimes, we have to brave the choppy waters and there are times our parents do not have enough money to pay for our boat fare. I am glad that PETRONAS has helped Sekolah Kebangsaan (SK) Balambangan Banggi to build a hostel for pupils and I am glad my parents have allowed me to stay at school. My studies have improved as we get to attend extra classes during our stay."

Mila Abdul, 12 years old
Student



All About Youth 2019

The All About Youth (AAY) programme serves as an incubator for secondary school students to generate ideas, experiment, design, innovate and develop real-life solutions.

In 2019, 50 schools with 1,000 students in five states - Johor, Melaka, Sabah, Sarawak and Terengganu - participated in the programme, in search for solutions to "Reduce Carbon Emissions for a Better Future".

SINCE 2014

5,600

students

have been reached

>250

PETRONAS buddies

have nurtured and motivated participants

>250

community projects

have been successfully developed



AAY Chairman's Circle 2019 Winner

Sleepless nights and hard work finally paid off for students of Sekolah Menengah Kebangsaan (SMK) Riam in Miri, Sarawak after their device won first prize at the AAY Chairman's Circle Awards 2019.

Riam Xplug is a device that alerts users to unplug their gadgets and automatically shuts off electricity after three minutes.

"We want to reduce carbon emissions by reducing electricity usage. So, instead of physically unplugging your devices, you can use the Riam Xplug application to power on and off devices remotely instead, just with a touch."

Magdalena Suling Jalong, 16 years old
Team Leader



Equipping Teachers

Teaching is the career that launches a thousand other careers

As new jobs come on stream, we want to strengthen the skills of teachers so they can prepare students for change to be effective contributors to the economy.

By upskilling our "edu-creators", we aim to produce a qualified stream of talent that are able to tackle challenges and complexities for a better world.

This is aligned with the Malaysian Education Blueprint of 2013 to improve the quality and capabilities of teachers, who have great influence in the choices and education outcomes of students, particularly in shaping their Higher Order Thinking Skills (HOTS).



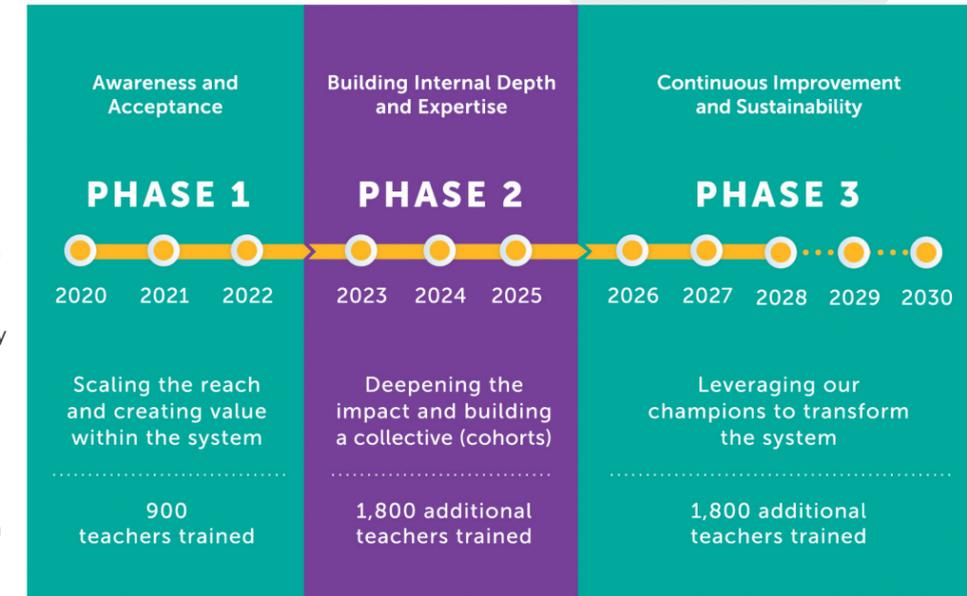
Program Duta Guru Kementerian Pendidikan Malaysia - Yayasan PETRONAS

This flagship collaboration with the Ministry of Education (MOE) aims to develop 4,500 highly competent and committed STEM teachers who will serve as role models to enhance Higher Order Thinking Skills (HOTS) through STEM education as a foundation to be a competitive nation by 2030.

This nine-year commitment by Yayasan PETRONAS in partnership with MOE is one we take on with perseverance and pride. The programme involves secondary school teachers from schools where majority of the students are from families in the B40 category. As the teachers receive training, they will work towards improving STEM interest and competency among students; ensuring the country continues to remain competitive with the skills required for a productive workforce in the future.



TARGET
To upskill
4,500 teachers
by 2030



"In line with the Ministry's 60:40 target for science and technical inclusion, Yayasan PETRONAS has put in various initiatives to involve teachers who play a key role in encouraging students' interest in STEM."

Yayasan PETRONAS shares our belief that programmes for the younger generation are not only important for society's growth, but also have a great impact in increasing the country's global competitiveness."

Dr Ihsan Ismail
Head, National STEM Centre, Education Planning and Research Division,
Ministry of Education Malaysia



How Program Duta Guru Works

Program Duta Guru complements MOE's existing teacher development programmes through three strategic priorities.

The first cohort of 150 teachers have been selected from across the nation to undergo a two-year teacher development programme.



1 Training and Coaching
Empower teachers with on-the-ground and virtual coaching support.



2 Content
Curate high-quality STEM pedagogy and curriculum.



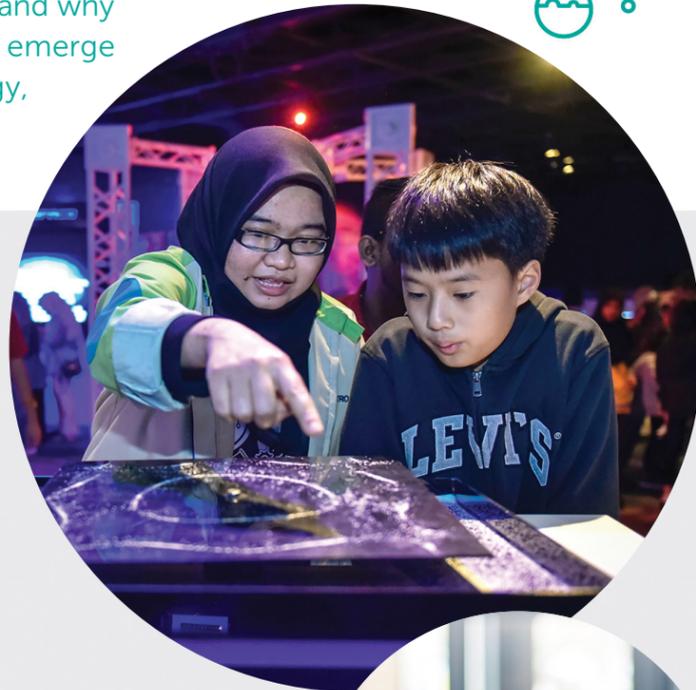
3 Infrastructure
Provide teachers access to the latest STEM teaching and learning resources such as the STEM Hub managed by Petrosains.

Building Interest Within Communities



The wonders of science neither starts nor ends with teachers and students, but it begins at home - with family, and within the community.

We love fostering conversations about how and why things work, and what new possibilities can emerge from the application of Science, Technology, Engineering and Mathematics (STEM).



Petrosains PlaySmart

Communities outside of the Klang Valley now have easy access to quality science related activities and educational programmes, similar to those available at the main science centre in KLCC.

Petrosains PlaySmart first opened in Penang and Langkawi in 2003. Today, there are four Petrosains PlaySmart centres - Johor Bahru, Kuantan, Kota Kinabalu and Kuching, that run 26 programmes for audiences of all ages. In 2019, these four centres recorded a total of 535,067 visitors.



535,067

visitors recorded in 2019

26 STEM programmes for school groups and families

4 new Petrosains PlaySmart centres nationwide



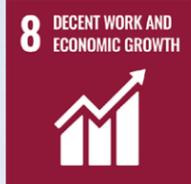
PETRONAS Counsellors Programme (PCP)

Guidance counsellors work in schools to assist students as they make academic and career choices.

PETRONAS therefore crafted this programme with the Ministry of Education's Counselling Unit to strengthen a counsellor's role in advising students on career pathways, with a focus on STEM and Technical and Vocational Education (TVET).

PCP provides a platform for school counsellors to gain more insight on career prospects especially in STEM.





Community Well-being

We improve the quality of life of the underserved - from youth, single mothers and malnourished children to families who may not have basic necessities such as clean water on a regular basis.



Wealth for the Poor

In support of the government's Shared Prosperity Vision and efforts to alleviate poverty in the country, Yayasan PETRONAS - along with our partners, rolled out various programmes to create and strengthen income streams for B40 communities.

Planting Tomorrow

Planting Tomorrow aims to alleviate poverty by first providing basic amenities - including a water gravity-feed supply, to areas requiring a clean and steady stream of water. Once established, agriculture equipment and seeds were supplied in order to help communities cultivate a sustainable income through farming ventures. This was done in Pitas and Kota Marudu, Sabah.

In Kuala Nerus, Terengganu, participants received training on financial management, product marketing, motivation and personal grooming. Additionally, they received monthly food aid worth RM80 for a year via a cashless payment system - through our partnership with MyKasih Foundation.

NOTE: This programme will transition to MEKAR from 2020 onwards.

"Social innovation initiatives such as the Planting Tomorrow programme will ensure improvement in people's lives, especially because they gain new skills and are able to address their basic needs."

Tan Sri Dr Ngau Boon Keat
Chairman and Co-Founder,
MyKasih Foundation

MEKAR

Program *Memampankan Ekonomi Asas Rakyat* (MEKAR) was launched in 2019 with an aim to reach 13,600 beneficiaries (or 3,400 families) in eight states over two years, enabling inclusive social progress. The programme is designed to improve the standards of living and to strengthen the income stream of B40 communities - the urban and rural poor, sustainably.

In Kedah, Program MEKAR is implemented as empowerNCER in collaboration with the Northern Corridor Implementation Authority (NCIA).

Program MEKAR's two-year target

RM38 million to be invested

13,600

beneficiaries from eight states

3,400 families to be reached



"empowerNCER is designed to provide participants with skills to help them garner an income for their families. The focus will be on micro, small and medium-sized enterprises which will act as economic generators for their community, as well as the communities surrounding them.

This will help to ensure there is sufficient economic stimulus and transform lives particularly in the rural areas."

Datuk Seri Jebasingam Issace John
CEO
Northern Corridor Implementation Authority (NCIA)



**Justa Dahlan,
Kota Marudu**

Program MEKAR

In her village in Sabah, Justa and her sister grow vegetables in their backyard to feed their family. Here, one in two families live below the poverty line. The villagers walk for hours each day to fetch water.

When Yayasan PETRONAS supplied a gravity-feed water system and did further soil assessments, Justa and her sister realised that their plot of land was suitable for farming ginger. Better yet, they could yield more by collaborating with their neighbours.

The harvest of ginger from this village is now sold to a manufacturer in Pahang to be pulverised into powder.



DURATION



GINGER PRODUCTION



COLLECTIVE INCOME

Health for the Ill

PETRONAS has been one of the leading and founding corporate donors for Cancer Research Malaysia (CRM) since 2001, supporting cutting-edge research in hereditary cancers among Asians.



Pledge by Yayasan PETRONAS
RM 8 million
as our continued commitment to reverse cancer

RM 21.5 million
from 2001 to 2023 towards cancer research

6 Internationally acclaimed research programmes

Cancer Research Malaysia (CRM)

In the next few years, the World Health Organisation (WHO) estimates that 45 million Asians are expected to be diagnosed with cancer.

One of the organisations dedicated towards reversing cancer is Cancer Research Malaysia (CRM).

In support of its mission, PETRONAS, since 2001, has contributed RM13.5 million towards CRM's operations. This allowed its researchers to work in six internationally significant programmes, including in the areas of discovery, tool development and intervention of the disease.

Yayasan PETRONAS extended this commitment in 2019 by contributing another RM8 million for the period through to 2023.

"Because of advances made through cancer research, survival has improved from one in four some 40 years ago, to two in four surviving cancer today. Sadly, even though Asians make up half of the world's cancer cases, we make up less than 10 per cent of the research globally. There may be factors in our genetics - our lifestyle and our diets, that lead some to develop certain cancers, and also make us react differently to treatments. Research done at CRM helps identify the treatment and screening strategies that are best for cancer patients in Asia. This is possible because PETRONAS and Yayasan PETRONAS have been supporting us as our founding donor since 2001, enabling us to build a research laboratory with cutting edge technologies for medical research. This has been critical to ensure that Asians are not left out in the research to find a cure for cancer."

Datin Paduka Professor Dr Teo Soo Hwang
Chief Scientific Officer of Cancer Research Malaysia

Hope for the Afflicted

Sentuhan Kasih (SK) Yayasan PETRONAS

Each year since 2005, at every major festive celebration, PETRONAS employees step out to lend a helping hand with cheer, working with communities to provide for their basic needs and well-being.



RM 1.6 million
donation in cash and in kind

5,000 families supported
in 15 states

Last year, the *Sentuhan Kasih* Festive programme reached more than 5,000 orphans, single moms, students, senior citizens, the poor and the disabled in conjunction with Chinese New Year, Hari Raya Aidilfitri, Gawai, Kaamatan, Deepavali and Christmas.

Our volunteers visited homes and hospitals, cleared gutters, painted curbs and spruced up gardens in addition to providing food aid, clothes and other necessities to make it merrier for afflicted communities.



"PETRONAS volunteers really brightened up the day for the kids. It is not often that they receive gifts and although the feeling of happiness may just be for an hour or two, it helps the parents when they see their children smile - and that gives them the push to keep fighting.

We appreciate their taking time to be with the children at the Children's Cancer Ward in the Kuala Lumpur Women and Children Hospital."

Puan Hamidah Tajudin
Chairperson
Kumpulan Ibubapa dan Sokongan Anak-Anak Kanser (KIDS)

Sentuhan Kasih Bencana Alam

Each year, PETRONAS staff volunteer for relief programmes to provide aid for households hit by disasters, offering supplies to affected families so they can resume their daily activities.

Flood Relief

More than 24,000 people in Sabah, Terengganu, Kelantan, Johor and Pahang received flood relief aid consisting of MESRA mineral water and LPG cylinders. These were distributed through PETRONAS Dagangan Berhad (PDB) by PETRONAS volunteers at the respective states.

>24,000 beneficiaries received
flood relief aid



Haze

We reached out to motorists battling the haze in locations which had severe Air Pollution Index ratings.

In collaboration with PETRONAS Dagangan Berhad, we distributed 10,000 bottles of mineral water and 4,000 N95 face masks at 20 PETRONAS stations.

10,000
bottles of mineral
water

4,000
N95 face masks
distributed

13

CLIMATE
ACTION



Environment

*"A seed, given the care it needs,
can grow into a magnificent forest.
A forest which can in turn,
take care of us..."*

Conservation of natural resources
for the well-being of current and future
generations lies at the heart of our
efforts for the environment.



SENTUHAN
ALAM

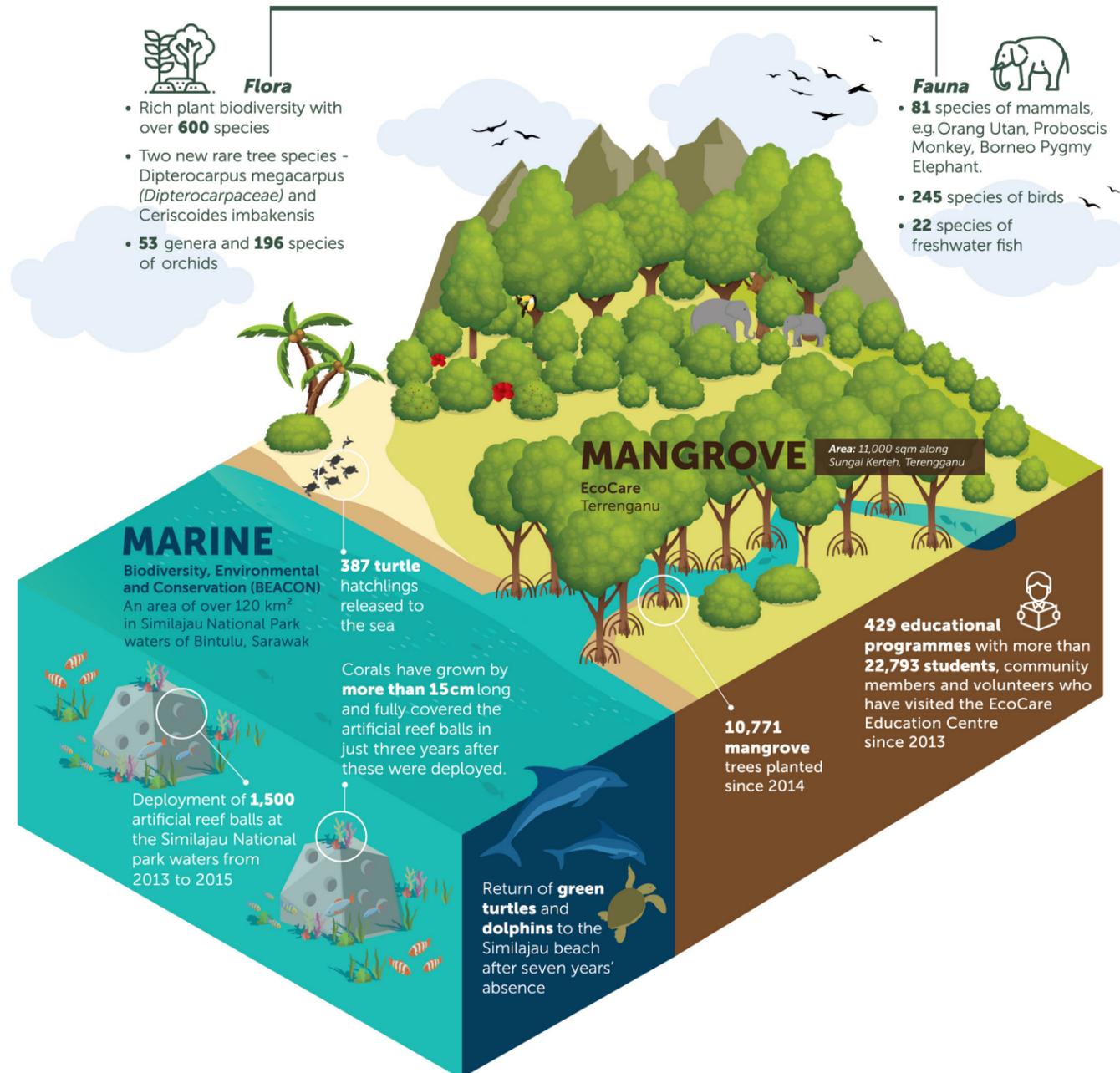
Conservation for Good

From marine to mangrove, shores to rivers and rainforests, Yayasan PETRONAS aims to reduce year-on-year environmental impact; through conservation and carbon neutral programmes.

RAINFOREST

Area: 27,599 hectares

Imbak Canyon Conservation Area (ICCA) and Imbak Canyon Studies Centre (ICSC)
Sabah



Trees4Life

More than 150 staff volunteers from PETRONAS, Sabah Forestry Department, the local community, as well as other government departments and agencies came together to plant 1,000 trees at the Crocker Range Forest Reserve. The Reserve covers an area of 350,584 hectares. It consists of mountain chains, hills and valleys, and is home to a wide variety of vegetation; from tropical lowland and hill dipterocarp to upper montane forests.

PETRONAS staff volunteers also conducted workshops at the St Michael's Secondary School in Penampang to raise awareness on environmental conservation for 100 students.



Be Green

PETRONAS Chemicals Group Berhad (PCG), in collaboration with Yayasan PETRONAS, launched its Be Green programme with the #RecycleForLifeCycle awareness campaign this year. The annual programme, which started in 2013, is anchored on two objectives:

1 Education

Educate the community on proper waste collection and segregation, through 3R principles, focusing on anti-littering, as well as benefits and impact of plastic usage on the environment.

2 Awareness

Raise awareness on preserving clean rivers as a raw water source i.e. Sungai Langat, Kertih, Bintulu and Kuantan.

At the launch, more than 500 volunteers comprising community members, Institut Kemahiran Tinggi Belia Negara (IKTBN) students and PETRONAS employees participated in the clean-up of Sungai Langat, waste segregation and tree-planting activities. They also completed a mural painting depicting the aspiration for Sungai Langat's future.

The Be Green programme was also run in Kerteh, Terengganu, involving a beach clean up exercise.



Walk4Trees

PETRONAS got its 48,000 employees and their family members to step in for an environmental challenge, while staying fit.

Aimed at recording 20 million steps by 2021, PETRONAS has committed to plant one tree for every one million steps, which means 20,000 trees could be planted.

Through this, PETRONAS aims to constitute a carbon sink, a natural reservoir to negate the effects of carbon emissions. Eleven locations across Malaysia have been identified as planting sites. Participants use a bespoke PETRONAS MestiFit4Health mobile app to track their steps.

"It is an extremely fun challenge! Some of us have teamed up to see how many steps we log each week, and then show it off!"

But in all seriousness, this challenge allows me to actually do something worthwhile for the environment. It is my personal goal to be able to plant at least two trees by the end of this - that's two million steps - so wish me luck!"

M Aqmal Tapsir
PETRONAS employee

20,000
trees planted by
2021



Abundance for Our Future

Ten years ago, PETRONAS embarked on protecting and preserving the **Imbak Canyon Conservation Area (ICCA)**. The **27,599-hectare primary rainforest** is home to a wide variety of flora, fauna and unique landscapes. It is gazetted as a Class 1 Forest Reserve.

Taking this a step further, in 2019, we launched the Imbak Canyon Studies Centre (ICSC) and announced an environment research grant. We hope this effort will spur research related to biodiversity, carbon sinks and new energy, while ensuring that the conservation is done in a sustainable and scalable way through ethno-forestry.

A ten-day research expedition at ICCA which includes ICSC and Gunung Kuli Research Station was organised in December 2019 for 50 researchers and Yayasan Sabah personnel.

Since 2010, PETRONAS has committed

RM 83 million towards the Imbak Canyon Conservation Area.

This is the first and largest ever local partnership with Yayasan Sabah Group to conserve a gazetted forest protection area in the state.



Imbak Canyon Studies Centre (ICSC)

The launch of ICSC was an important step in Sabah's move to protect its rainforest heritage and the environment. Adding to this is the ICSC's capabilities to host world-class biodiversity and environmental research.



"Imbak Canyon Studies Centre will strengthen the position of Imbak Canyon Conservation Area as a centre of learning for the indigenous communities, in biodiversity conservation and sustainable use of natural resources, as well as gene bank conservation and exploration of pharmaceutical and biotechnological potentials.

In line with the mission to improve the quality of life of Malaysians in Sabah, the construction of ICSC will create more jobs for communities, especially for young people, living nearby the Imbak area - through hospitality and tourism related activities. Through this we hope they can improve their livelihood in a sustainable way."

Datuk Hj Jamalul Kiram Datuk Hj Mohd Zakaria
Director, Yayasan Sabah

Fun Facts

CO₂
As a tree matures, it can consume 48 pounds of carbon dioxide per year and release enough oxygen for you to breathe for two years!


In an urban setting, the shade from trees - in combination with the water vapour they release, can reduce peak temperatures by as much as 11°C to 25°C compared to unshaded areas.

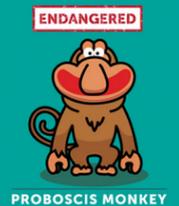

Some estimates say the shade from a single tree can save the same amount of energy it takes to power 10 room-sized air conditioners for 20 hours a day!


Trees can also prevent flooding. A typical medium-sized tree can intercept as much as 2,380 gallons of rainfall per year.

-INHABITANTS OF- IMBAK CANYON

DID YOU KNOW

Imbak Canyon has several of these animals still living in the wild today?



Our Partners

Yayasan PETRONAS collaborated with these partners in 2019 - and we look forward to welcoming more as we expand and extend programmes within our focus areas.

“The giving from one is the gain for all.”

Partners and Programmes

 <p>Ministry of Education (MOE) All About Youth, Back To School, <i>Program Duta Guru</i>, PETRONAS Counsellor Programme</p>	 <p>Pusat STEM Negara <i>Program Duta Guru</i></p>	 <p>MARA <i>Program BUDI</i></p>	 <p>Jabatan Kebajikan Masyarakat <i>Sentuhan Kasih</i></p>	 <p>Agensi Pengurusan Bencana Negara (NADMA) <i>Sentuhan Kasih Bencana Alam</i></p>
 <p>Ministry of Science, Technology and Innovation (MOSTI) All About Youth</p>	 <p>Yayasan Sabah Imbak Canyon Studies Centre</p>	 <p>Sabah Forestry Imbak Canyon Studies Centre, Trees4Life</p>	 <p>Northern Corridor Economic Region (NCER) MEKAR</p>	

Non-Governmental Organisations (NGOs) and Others

 <p>Yayasan Sejahtera MEKAR (previously known as <i>Planting Tomorrow</i>), Sabah, Community Development Fund – Shared Prosperity Malaysia</p>	 <p>MyKasih Foundation MEKAR (previously known as <i>Planting Tomorrow</i>)</p>	 <p>Petrosains Playsmart</p>	 <p>Cancer Research Malaysia (CRM) CRM Grant</p>
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The pulse of today is a steady beat in the heart of every tomorrow. For even the smallest act grows to become something bigger.

Knowledge gifted to a child triggers a dream in his mind. Which, when made reality, opens us up to whole new possibilities.

A seed given the care it needs and the respect it truly deserves, adds to the richness of our national forests. Forests, which in turn, reveal incredible treasures that help us take care of 'us'.

Sparks of inspiration put into action, lights up communities far and wide. Giving everyone a reason to look forward.

With this knowledge, we come together and happily work hand-in-hand to turn the hopes and dreams we all share, into a far better tomorrow.

YAYASAN PETRONAS
#WhereGoodFlourishes



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