

CHANGING FUTURES, RAISING HOPE

ANNUAL REPORT 2020

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When hopes are raised, spirits are lifted. A small smile turns into a glowing heart – determined, motivated and driven. A spark... it is all that's needed to ignite new futures.





The paths of so many changed this year as we watched the pandemic sweep through the world. Lost lives, lost livelihoods, plans upturned and dreams broken. It is against this backdrop that Yayasan PETRONAS stepped up its pace and focused its efforts on communities who needed it most – helping to change the futures of those who might otherwise have lost theirs.

The year 2020 taught us resilience and agility. Most of all it taught us to trust again in humanity, kindness and generosity. It reminded us that more than luxuries, it is the human connection that enriches our lives.

With our volunteers and partners, we joined in the national effort to fight the pandemic. Here in the coming pages we celebrate the everyday heroes who helped us raise the hopes and spirits of individuals, of communities and the country.



TAN SRI AHMAD NIZAM SALLEH
Chairman, PETRONAS and Yayasan PETRONAS

CHAIRMAN'S MESSAGE

“Let us move forward with the unfailing belief that by our actions we can change futures.”

It has been two years since we first launched Yayasan PETRONAS. With its formation, the foundation brought together under one roof the many good works that the national oil company has been involved in for nearly five decades.

Yayasan PETRONAS was given the mission to help build the futures of people and the planet through the work it does in supporting education, uplifting communities and conserving the environment. In 2020, Yayasan PETRONAS continued to reinforce these aims with an added focus – to bring relief to those affected by the COVID-19 pandemic.

I am honoured to be part of an organisation that was able to rise up and navigate the uncertainties to deliver on our promise: to continue to enrich lives for a sustainable future.

In Malaysia, Yayasan PETRONAS has contributed RM23.5 million under our pandemic disaster relief initiative. We tried to cover as many sectors of the community as possible from supplying hospitals with critical medical equipment and technologies to ensuring children had sanitisers and even sending food to frontliners.

It was our way of showing that we are all in this together. But there is still so much to be done. We each have a responsibility and role to play even if it is just being responsible as individuals and staying home.

I am deeply moved by the response of our employees, partners and volunteers who acted with determination and empathy throughout the year. On behalf of Yayasan PETRONAS, thank you for the great passion you have brought with you.

To the Board of Trustees, your trust in the foundation makes us better. Your support has guided and ensured we stay the course.

Let us move forward with the unfailing belief that by our actions we can change futures.

The year 2020 was a time of introspection and of reflection. As the world was forced to slow down, it gave us time to take a deeper look at our actions and intentions. At Yayasan PETRONAS, we had to ask ourselves how we could still ensure that our good work was reaching the people who needed it most even as everyone struggled with the loss of normality around us.

It was tough. No one could have been prepared for the events that COVID-19 brought and no one was untouched. We had to realign ourselves as the year unfolded and the impossibility of carrying out the activities that we had planned earlier became clear.

But we never lost our determination. In fact it kept us motivated knowing that whatever we did would help to save someone from the deep despair that many were falling into. We came together as a team to ensure that we were resilient and agile. We adapted to keep Yayasan PETRONAS' heartbeat alive – about enriching lives for a sustainable future.

As the months went by, we managed to reach out through our national network of partners – the Ministry of Health, Ministry of Education, the National Disaster Management Agency (NADMA) and others – to ensure the frontliners as well as some community outliers were cared for in some meaningful way.

There is a sign of renewed hope in the air and we will continue to support our communities as they emerge into a new normal in such a way that we are stronger and better together.

I would like to thank the Board, the team, all our partners and volunteers who have worked tirelessly and selflessly through the year.

This year is a reminder that even in dire circumstances, we can be a place where good flourishes.

“This year is a reminder that even in dire circumstances, we can be a place where good flourishes.”

CEO'S MESSAGE

NELLY FRANCIS SHARIAH
Chief Executive Officer, Yayasan PETRONAS



BOARD OF TRUSTEES

The Board Of Trustees for Yayasan PETRONAS is selected based on deep experience and on-going contributions towards the well-being of society.



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.

“Our goal is to create spaces and pathways where we can nurture collaborations so that efforts to create good is a journey shared by everyone – corporations, institutions, organisations, communities, and the government.”



**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 from 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.

“Each child has unique potential and it is our responsibility to ensure this is nurtured and developed – not just for his or her future but for our collective future.”



**DATO' SERI IR. DR
ZAINI UJANG**

Dato' Seri Zaini is the Secretary-General for the Ministry of Environment and Water, Malaysia.

He is an accomplished author, academic administrator, environmental engineer and scientist.

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.

He was formerly Vice-Chancellor of Universiti Teknologi Malaysia (UTM) and also served as the Secretary General for three Ministries.

“If we do not look after our sustainability, who else will? The earth has given us the foundation of all life. It's time we stand up for it.”



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 included 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 must not stop looking for innovative ways to open doors for others. Opportunities are there, but we need to provide equitable access to them.”



NELLY FRANCIS SHARIAH

Puan Nelly is the Chief Executive Officer of Yayasan PETRONAS.

She has been with PETRONAS for over 28 years where she has held various management positions and key roles. A true leader at heart, she has a passion for working with young minds from all backgrounds and bringing out the best in them.

She is supported by a dedicated and driven team of managers and executives at Yayasan PETRONAS.

“There is a sign of renewed hope in the air and we will continue to support our communities as they emerge into a new normal in such a way that we are stronger and better together.”

YAYASAN PETRONAS AT A GLANCE

As the corporate social responsibility arm of PETRONAS, Yayasan PETRONAS supports its commitment to the United Nations' Sustainable Development Goals of Decent Work and Economic Growth, Good Health and Well-being, Quality Education and Climate Change.

We do this by expanding opportunities for those facing the greatest barriers and give them hope for a sustainable future through our focus in Education, Community Well-being and Development and the Environment. We also provide innovative finances as a tool to leverage private capital for public good through research activities. And we always, always respond to crisis.



EDUCATION

Objective

Promote the advancement and development of **human capital and capabilities** in Malaysia through provision of education aid and training.

Our Goal

Contribute towards 60:40 National STEM enrolment.

COMMUNITY WELL-BEING AND DEVELOPMENT

Objective

Promote **community well-being and development** through long term sustainable advancements in the areas of socio-economic developments, healthcare, safety and living environments among the communities in Malaysia.

Our Goal

Community well-being and economic growth.

ENVIRONMENT

Objective

Promote and advance the **preservation and conservation of the environment** in Malaysia and related study and research.

Our Goal

Reduce year-on-year environmental impact.

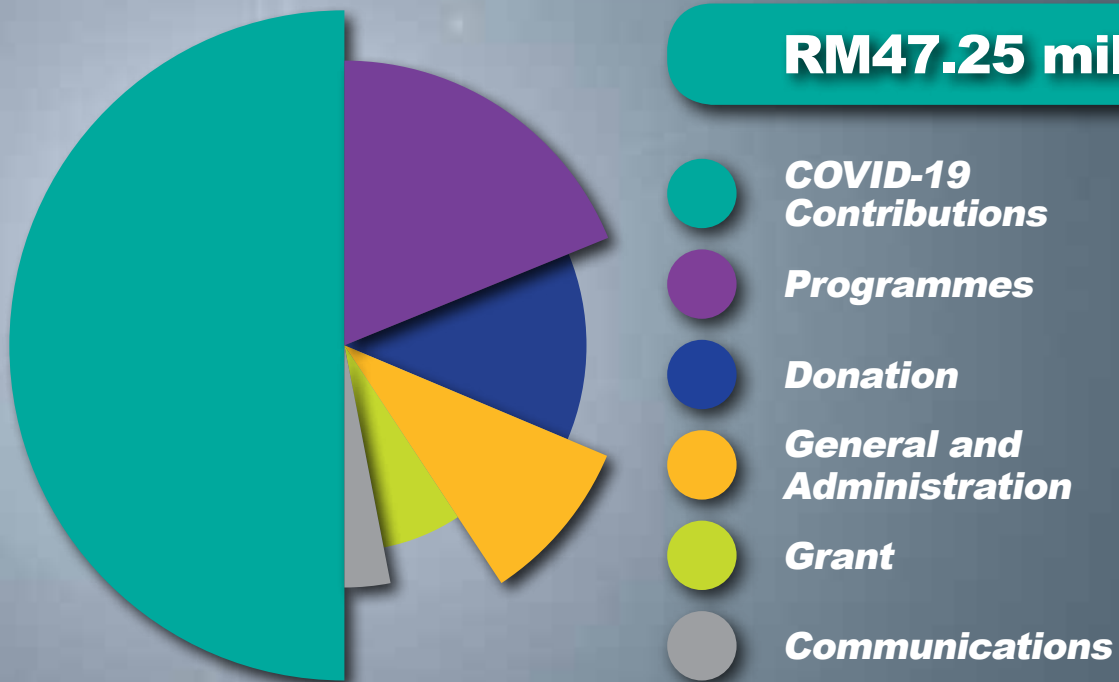
THE YEAR IN REVIEW

The year 2020 was one of **recalibration**.

At Yayasan PETRONAS, we knew we had the stewardship and resources to respond strategically in the places others could not, and we forged ahead to meet the needs of healthcare workers, the healthcare system and high-risk groups. At the same time, we continued to soldier on with our other projects to benefit society, transform lives, and plough back into the environment.

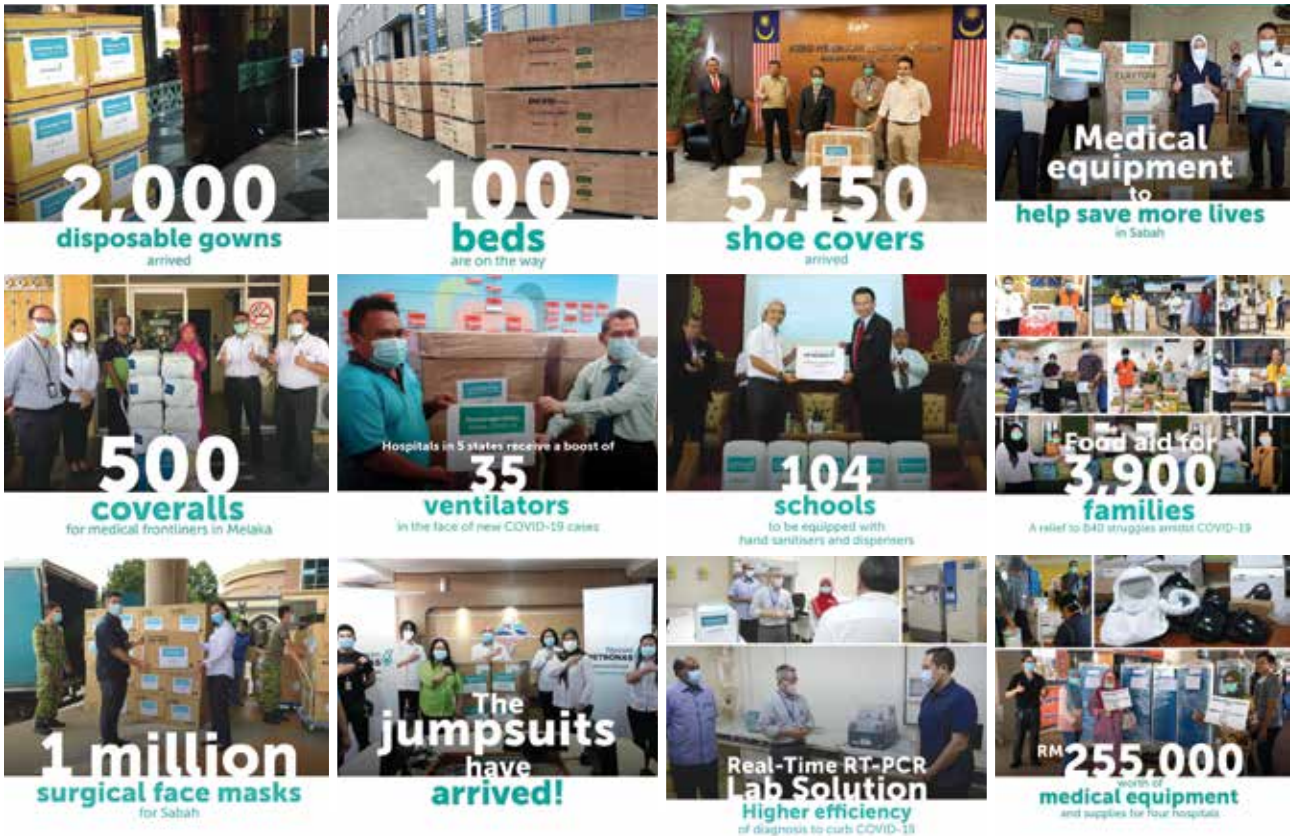
What followed was a display of how the **human spirit can adapt and innovate to meet unspoken challenges in a time of shared adversity**.

Almost half (48%) of the RM47.25 million funds were diverted to COVID-19 relief efforts, while 43 per cent went to grants, donations and running programmes under the Education, Community Well-being and Development and Environment pillars. Other funds went to support services such as administration and communications.



RESPONDING TO CRISIS

A snapshot of how Yayasan PETRONAS responded in fighting the pandemic



“Philanthropy should be taking much bigger risks than business. If these were easy problems, business and government can come in and solve them.”

— BILL GATES



SENTUHAN KASIH DISASTER RELIEF FOR COVID-19

One of the most heartening gestures in response to the COVID-19 disaster came from the **9,500 employees** of PETRONAS who donated a portion of their salaries to an emergency fund. Together, they raised **RM6.4 million** for the Tabung COVID-19 under the National Disaster Management Agency (NADMA). This was in addition to the **RM33.6 million** in contributions made by PETRONAS, its business operating units, subsidiaries and associates in Malaysia and across the globe.

With this RM40 million disaster relief fund, Yayasan PETRONAS collaborated with the Ministry of Health, NADMA and the Department of Social Welfare to ensure our frontline heroes, our hospitals and those from high-risk groups had what they required to fight COVID-19.

WORKING WITH NADMA

The National Disaster Management Agency (NADMA) have dealt with tsunamis, natural disasters, collapsed buildings and other rescue missions but nothing quite prepared them for a virus that left even experts baffled. The lack of information and high mortality rate of the virus brought fear and apprehension. But armed with their crisis preparedness training, Amaluddin Suib, Director for NADMA's logistic section, and his colleagues began to work round the clock.

NADMA coordinates the **management of the pandemic**, advising the government and the National Security Council. Amaluddin says NADMA could not have carried out their responsibilities well without the **unending support** of many of the nation's agencies, the private sector and all Malaysians.

"Housewives, students, NGOs (non-governmental organisations) and even those who are incarcerated rolled up their sleeves to make personal protective equipment (PPE) like face shields and isolation gowns. Private companies and GLCs also came in droves with donations both financial and in-kind. In essence, **everyone came forward** to help the Government fight."

Not least of these was Yayasan PETRONAS. "The availability of PPE became a war of demand and supply," said Amaluddin. This was when Yayasan PETRONAS stepped in just at the right moment to help NADMA to **secure PPE** for the frontliners around the country whom NADMA were coordinating. "We were very grateful," said Amaluddin, describing the act as having fulfilled all their wishes.





Face Shield
Protective isolation Mask

“The availability of PPE became a war of demand and supply. We were very grateful when Yayasan PETRONAS stepped in. They fulfilled all our wishes.”

– Amaluddin Suib, Director, Logistics Section, NADMA

OUR CONTRIBUTIONS AT A GLANCE

- Hospital Kuala Lumpur (HKL),
- Hospital Ampang,
- Hospital Canselor Tuanku Muhriz UKM (HCTM) and
- Pusat Perubatan Universiti Malaya (PPUM)

Air-purifying respirators, portable ventilators, video laryngoscopes, refrigerators, air purifiers, standing fans, ward screens, bottles of mineral water and toiletries sets worth RM255,000.

Queen Elizabeth Hospital, Kota Kinabalu

3 ICU beds, 1,504 bottles of hand sanitisers, 2,500 pieces of surgical face masks and 2,390 medical gowns.

Sabah

- 1 million surgical face masks
- 1,000 jumpsuits
- 5 Four-Parameter Vital Sign Monitors
- 2 humidifiers with integrated flow generators
- 10 ICU beds

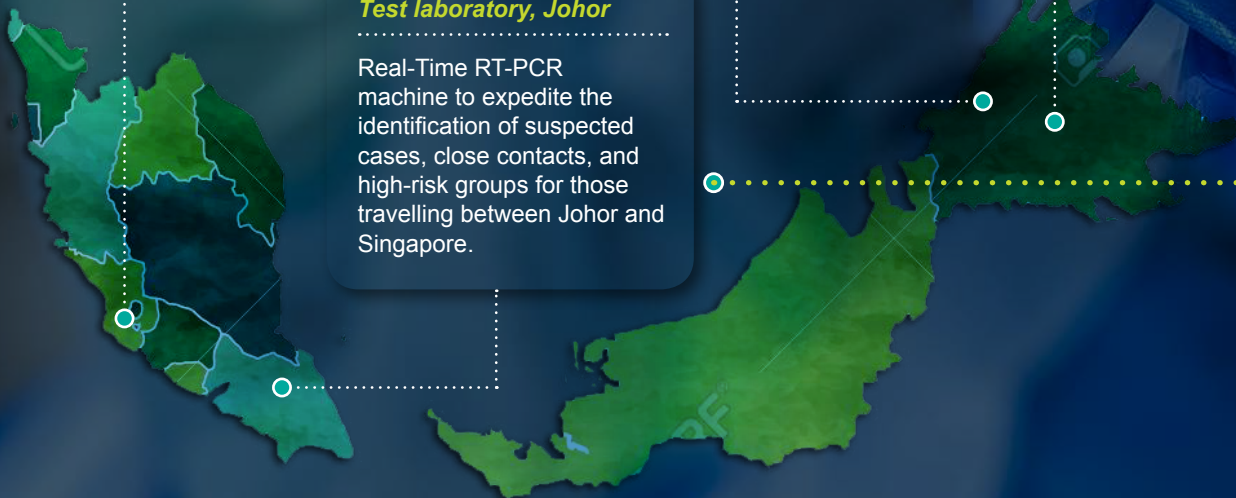
Public hospitals, Sabah

RM2.5 million worth of medical equipment and personal protective equipment (PPE) including

- 12 units of High Flow Nasal Cannula with humidifier
- High End Physiologic Monitor

Test laboratory, Johor

Real-Time RT-PCR machine to expedite the identification of suspected cases, close contacts, and high-risk groups for those travelling between Johor and Singapore.



“I’m very proud of my team, all of whom volunteered for the task. Everybody put their heart into it. It was a once in a lifetime, noble endeavour that was entrusted to us and we took it on as a service to the nation.”

– Wee Lian Hong, Head, (Engineering, Construction & Projects), Category Management, Group Procurement, Group Finance

“My proudest moment was when I received text messages from doctors and representatives telling us how the donations helped them with rescue and treatment work; and when I see photos of items delivered... items that I had helped to compile, I know it was worth it.”

– Mohd Akmal bin Mohamed Ali, Logistics Lead for Transportation and Deliveries of Medical Supplies and Medical Equipment

In addition, we contributed



For our frontline heroes:

- 2,000 disposable gowns.
- 5,150 pairs of disposable shoe covers.
- Mesra Mineral Water and Mesra Bites buns.



For our healthcare system:

- 100 intensive care unit (ICU) beds for hospitals.
- 100,000 units of hand sanitiser to all hospitals and health clinics.
- 35 ventilators to hospitals in 5 states.



For high-risk groups:

Hand sanitiser & dispensers

- 757 residents from 8 old folks' homes in 7 states.
- 68,000 students from 104 schools in 9 states.

REAL-TIME PCR DETECTION SYSTEMS IN JOHOR

One of three in the country, the National Public Health Laboratory (NPHL) in Johor Bahru (JB) performs surveillance and disease monitoring. It had been especially busy during the COVID-19 pandemic, coping with as many as 600 to 800 samples of COVID-19 tests daily, peaking to more than a thousand in March 2020. **Faced with a shortage of the extraction kits to conduct the tests, the lab had to outsource the testing of more than 2,900 samples to private companies, at a cost of more than RM1 million to the Government.**

Thankfully PETRONAS was able to come to the rescue by providing one unit of Automated Nucleic Acid Extraction and Purification machine (able to test 32 samples in 40 minutes) and one unit of Real-time Reverse Transcription-Polymerase Chain Reaction (RT-PCR) lab machine (able to test 96 samples in 1.5 hours). **This led to the laboratory in JB being able to test as many as 1,000 samples a day without breaking a sweat.**



education


**“The future
depends on
what we do in
the present”**
— MAHATMA GANDHI

Since 1975, PETRONAS has invested in education **outreach** programmes for underprivileged and deserving Malaysians. We have set up kindergartens, vocational institutions and a university; we offer scholarships and build structures; we run science fairs and choral speaking competitions; we **engage** students, teachers and the community. We **complement** the Ministry of Education (MOE) in its efforts to **cultivate knowledgeable and innovative students who are ethical and have a best-in-class mindset regardless of where they start out from in life.**



Teachers learning and experimenting with new ways of conducting science classes. Programmes such as Yayasan PETRONAS' Program Duta Guru helps teachers discover unique methods of delivering lessons.





“The future world will be complex. It demands that students problem solve, be creative, and synthesize information quickly and innovatively.”

– Nelly Francis Shariah, CEO, Yayasan PETRONAS

Children receiving school supplies through the Back To School programme in 2019. The annual initiative was postponed in 2020 due to school closures but will be reinitiated in 2021.



Through our series of curated programmes, Yayasan PETRONAS aims to improve education outcomes for underprivileged students in underserved areas, raising their **hopes for a better future**. In particular, we want to encourage their interest in Science, Technology, Engineering and Mathematics (STEM) which are important subjects for the nation's future in **innovation**.

WHY STEM?

There exists a mismatch between what the economy demands and what education systems supply. At Yayasan PETRONAS we believe in developing human capital based on the needs of the nation's future. As four out of five of Malaysia's most in-demand jobs are immersed in STEM, this has become our focus area.

STEM subjects require fundamental skills for data interpretation, inquiry skills, inference and problem solving techniques – or in essence, what we term higher order thinking skills (HOTS). To meet future demands, the Ministry of Education has set a 60:40 target to encourage more students to study science and technical subjects – an objective we support.



The professions of the future require that we prepare students with the right skill sets today. With this vision, Yayasan PETRONAS continues to partner with the Ministry of Education (MOE) to enhance the quality and capability of public-school teachers who teach STEM. These teachers serve as the nation's drivers to build a competitive workforce proficient in science, technology and innovation.



Malaysian celebrity and actor Naz Rahman playing the role of STEM Man in a video on the science of personal hygiene. The video was shot in 2020.

THE RIPPLE EFFECT OF TEACHERS

PROGRAM DUTA GURU

Program Duta Guru Kementerian Pendidikan Malaysia-Yayasan PETRONAS (PDG) is a nine-year commitment to equip teachers to become a catalyst for change in the classroom, where they embolden children to take on STEM subjects and realise their potential. In 2020, we invested **RM2.5 million** into the programme.

We kicked off our first cohort of **136 teachers from 112 districts** from all across Malaysia – providing them with content and community support on how to enhance their student's Higher Order Thinking Skills (HOTS) when instructing STEM subjects. By partnering with MOE, and working with our implementation partner, Teach For Malaysia, we ran several workshops to equip teachers with the knowledge, skills, necessary mindset and resources to be highly effective instructors.

As 2020 progressed, the programme was adapted to help teachers specifically with online classes and virtual content. Some 136 teachers from Cohort 1 were also provided with **Online Teaching Kits** that included a DIY mini green screen kit, a pedagogical book Pembelajaran Abad ke-21 (also known as PAK21) and a variety of school stationery to help make online lessons **effective, fun and interactive**.

PHASE 1

Awareness & Acceptance

Scaling the reach & creating value within the system

900 teachers trained

• 2020 • 2021 • 2022

PHASE 2

Building Internal Depth & Expertise

Deepening the Impact & building a collective (cohorts)

1,800 additional teachers trained

• 2023 • 2024 • 2025

PHASE 3

Continuous Improvement & Sustainability

Leveraging our champions to transform the system

1,800 additional teachers trained

**• 2026 • 2027 • 2028
• 2029 • 2030**



THE VISION

4,500
teachers and
3.96
million
students
impacted by
2030

THE REACH

144
districts
nationwide

2020 - 2030

COMMITMENT
RM25
MILLION

HOW PROGRAM DUTA GURU WORKS

Three strategic priorities:

- 1. Training and Coaching**
Empower teachers with on-the-ground and virtual coaching support
- 2. Content Curation**
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



“The training sessions and tools have been very useful. Many of us teachers are essentially learning how to teach using new formats and it has been challenging.”

– Angela Joseph, STEM teacher, Labuan

For teachers such as Labuan-based Angela Joseph, the COVID-19 pandemic exchanged student-filled classrooms with computer screens and unfamiliar virtual platforms, tools and accessories. Teachers all over the country grappled with the “new normal” and were forced to ensure that students were able to transition to a new way of learning.

“I have completed a few lesson plans and I will be sharing this in the peer teaching community as we canvass for ideas to keep the minds of young Malaysians engaged,” says Angela Joseph, a participant of PDG. She is one of 135 teachers that were trained this year.

“I still keep in contact with other PDG teachers. Even though they are far, I feel like I am close with them. They always give me motivation.”

– Nur Hidayah Binti Adnan,
PDG teacher, SMK SYED HASSAN

PDG IN 2020

- **135** teachers from **112** districts.
- **5** national induction activities.
- **1** regional training, 6 regions.
- **3** online, interactive platforms for participants.
- **3** programme frameworks.

92% of 134 principals from participating schools would highly recommend PDG to other STEM teachers.

PETRONAS COUNSELLOR PROGRAMME

The PETRONAS Counsellor Programme (PCP) trains teachers and guidance counsellors to expand a student's worldview and guide them to opt for a brighter future through a foundation in Technical and Vocational Education and Training (TVET). Last year, in spite of the pandemic, **210 counsellors from seven states were trained**. The PCP is run in collaboration with the Ministry of Education's Sektor Pengurusan Kaunseling dan Kerjaya Murid, Bahagian Pengurusan Sekolah Harian.

Counsellors successfully trained in 2020



**COHORT 1
SARAWAK
50 COUNSELLORS**



**COHORT 2
CENTRAL REGION
(WP KL, PUTRAJAYA &
SELANGOR)
80 COUNSELLORS**



**COHORT 3
SOUTHERN REGION
(NEGERI SEMBILAN,
MELAKA & JOHOR)
80 COUNSELLORS**

Total investment: RM3,225



Empowering teachers at the PETRONAS Counsellor Programme. The PCP is also a platform to spread awareness on PETRONAS Learning Institutions and educational financial aid.



community well-being and development

“A single act of kindness throws out roots in all directions, and the roots spring up and make new trees.”

— AMELIA EARHART



Abdul Manaf bin Ahmad, owner of Gerai Lemang Pak Manaf, Kedah.

Our Community Well-being and Development programmes are specifically designed to **uplift underserved groups** especially the B40 community and give them a chance at a better quality of life. We work to **upskill** them and provide **basic necessities** such as access to clean water, where it is needed.

While COVID-19 may have changed the way we interacted with and supported our communities as we could not meet our beneficiaries directly – we still found ways to **reach out and touch lives**, adapting our programmes for the poor to **give hope to those who needed it most**.



Norhazima binti Abdul Jalil, owner of Warung Romantik Norhazima, Kedah.

NEW JOURNEYS, NEW FUTURES

Life can be a struggle. Between her husband's income as a rubber tapper, and Norhazima binti Abdul Jalil's earnings from selling food in front of her house, the couple barely scraped by each month. "There were days I had to turn down requests from my children to join school programmes because I couldn't afford to pay for it," she said.

But what she didn't have financially, she made up in passion. "I love to cook," she said. "It has been my dream to own a restaurant and my friends always encouraged me to try," she added.

In 2020, she came across the empowerNCER skills and entrepreneurship training programme in Pendang, Kedah. The programme provides a holistic approach in **improving the socioeconomic status** of target groups, and reducing the impact of high living costs by providing opportunities to earn higher income, prevent future poor through education, and enhance the competitiveness of local microenterprises and SMEs. This initiative is funded by Yayasan PETRONAS under the banner of Program MEKAR (Memampankan Ekonomi Asas Rakyat).

“I hope to empower more women and give them job opportunities in the future.”

– Norhazima Binti Abdul Jalil

Her trainers helped to enhance her entrepreneurship skills and develop a business plan with **guidance** and **mentoring**. Within several weeks, she set up Warung Romantik Nor Hazima where she served her famous local noodle dishes, laksam and kuey teow th'ng. She also learned to use social media to promote her business, and this helped her triple her customer count.

Today, she has a **steady income** of about **RM6,000** per month, a far cry from the RM500 she was making before. “I am now able to **hire one extra person** to help me in the kitchen. “I also got my **husband** and **son** to help with food delivery orders!”



*It starts with just **one entrepreneur** to create job opportunities and transfer skills to **empower and enrich** the community.*

Naimah Binti Ismail shares a similar journey to success. Initially, Naimah was a herbalist, managing a small-scale spa. After joining empowerNCER, she opened a flower arrangement shop which now serves as a One Stop Center for other participants in the same programme undergoing the floral arrangement courses. This allows for the participants to **collaboratively generate** and **increase** their income.

Naimah's services are quite in demand, attracting customers all the way from Kuala Lumpur. In true entrepreneurship spirit, she **diversifies** her service offerings during festive seasons by baking various types of cakes and cookies.

From earning RM300 a month, she now has a **steady income** of **RM6,000**.



Following in their footsteps, Noraida Binti Ahmad has also forged a new journey for herself. She started off working as a seamstress in a tailoring shop in Pendang. After attending the empowerNCER Creative Design & Tailoring Course, Noraida confidently **opened her own tailoring shop** in Gurun. Her creative designs and tailoring skills soon caught the attention of the neighbourhood and nearby districts.

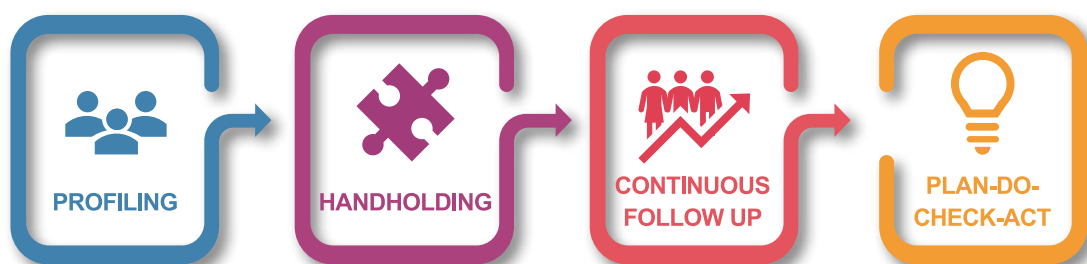


She has seen her income grow from RM1,200 to **RM9,000**. The booming business led Noraida to **employ two assistants** from the local community.



True to the objectives of the programme, Noraida not only increased her income but created job opportunities and transfer of skills, thus **empowering** and **enriching** the local business ecosystem and talent pool.

PROGRAMME'S CRITICAL SUCCESS FACTORS



THE GIFT OF SOME, THE GAIN OF PLENTY



Many from underserved communities fail in their attempts to improve their livelihoods. This is where Program MEKAR steps in to offer more than just a glimmer of hope. This programme addresses the **socioeconomic needs** of the local community, based on existing market demands, and provides **upskilling** and **entrepreneurship training** for the target group, who are mostly from the B40 group and Orang Asli in the Northern Region.

After learning the ropes of setting up a business through the empowerNCER programme, Ubal bin Kulim opened his own burger stall. He is now a **role model** for the Orang Asli youth in his village in Kampung Lubuk Legong in Baling (photo 1).



Within months of attending the programme, Prasit had set up a car wash business that won him a **loyal customer base** in Pendang, Kedah. He now employs two other staff (photo 2).

For Nurul Asyikin, the empowerNCER programme gave her the **skills** that helped her to go from selling 10 packets of nasi lemak daily from a table in front of her house at Batu 42 in Baling, Kedah to selling 50 packets at a proper stall (photo 3).



Scan this for more inspiring stories under the empowerNCER initiative:



www.yayasanpetronas.com.my/the-good-news/

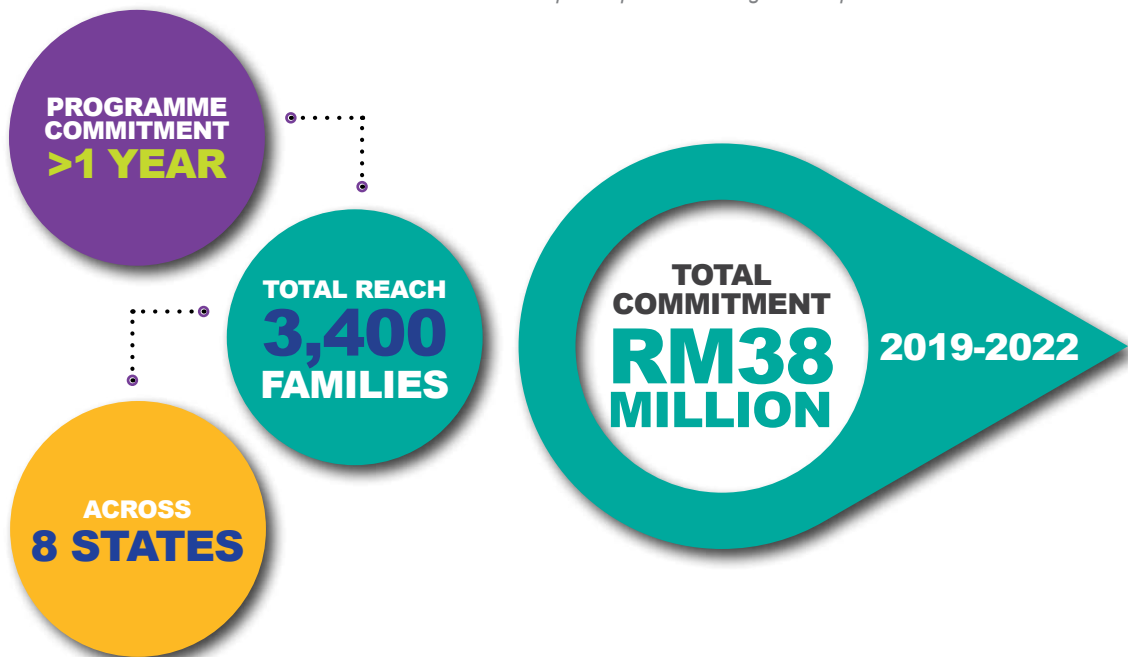
PROGRAM MEKAR

Program MEKAR is a commitment by Yayasan PETRONAS with its implementation partners to **improve** the lives and future of **3,400** low income families in targeted districts across Johor, Kedah, Kelantan, Pahang, Sabah, Sarawak, Selangor and Terengganu.

In one year since its inception, numerous programme participants have reported improving their incomes significantly.



Mohd Azman Bin Md Rejab, owner of D'Desa Reflexology, Kedah. Azman was one of the participants of Program empowerNCER.



IMPLEMENTATION PARTNERS



SOIL TO STORE

PHASE 1

IMPROVE STANDARD OF LIVING

Poverty alleviation often needs to begin at the grassroots. Our target is that communities where we provide infrastructure supplies will receive sustained access to **basic needs** such as clean water, electricity (renewables) and food.

PHASE 2

STRENGTHEN INCOME STREAM

Many in the B40 income group lack employability and entrepreneurship skills and we address this by providing **resources** and **training** in financial knowledge and marketing **skills**. The programme also includes the provision of skills in agriculture, carpentry, baking, tailoring, hospitality and tourism.



PHASE 3

GO TO MARKET: SUSTAINABLE INCOME STREAM

- Once the communities have demonstrated commitment to expand
- their income, we assist with **financial solutions** and sales through
- a **network** of buyers, employers and through micro-financing.
- The aim is to increase the incomes of those participating in the
- programmes by **50** to **70** per cent over six years.

PROGRAM MEKAR

Implementation Projects in 2020

empowerNCER

Yayasan PETRONAS first collaborated with the Northern Corridor Implementation Authority (NCIA) to expand the reach of this programme in the Northern Corridor Economic Region (NCER) in Kedah in November 2019. Our target was to train **1000 participants from five districts** – Kuala Muda, Yan, Sik, Baling and Pendang. The programme will carry through to July 2021. We have so far **invested RM2.3 million** towards this project.

- **26%** of participants increased income by **20%**
- **57%** of participants became entrepreneurs
- **51** jobs created

empowerNCER–Academic

empowerNCER–Academic helps students from B40 families improve their academic performance through a **holistic approach** to education, with emphasis on academic excellence, skills, competencies and personal development. The year 2020 saw a total amount of **RM500,000** spent on an academic programme for **750 students** sitting for their Sijil Pelajaran Malaysia 2020. The programme included e-learning, eQMaths, eWorkshops, eEA (empower English Attack), eNLP (Neuro Linguistic Programme) and eSTEM. It was run **virtually** in 2020 based on a **three-pronged approach** integrating students, teachers and parents in the overall programme structure.



- **93** out of **120** tuition hours completed
- **98%** attendance

empowerECER

In partnership with the East Coast Economic Region (ECER) skills training and entrepreneurship programmes are provided to **unemployed youth, women, men and single mothers in B40 communities**. Participants then have the opportunity to apply and benefit from **on-the-job training placements** at several local companies. The programme has seen 1,000 beneficiaries.



MEKAR @ Kuala Nerus, Terengganu

This programme helps small businesses to **scale, sustain their business and gain market access** through lessons in financial literacy, management, marketing and branding as well as avenues to penetrate the market. In 2020, we coached and mentored women in Kuala Nerus and will continue to guide them through the process of **product placement** in retail stores and hypermarkets.



45 women in Kuala Nerus coached and mentored

A HELPING HAND



2020

RM253,000
spent on
ad hoc
relief



SENTUHAN KASIH DISASTER RELIEF FOR LOCALISED DISASTERS

Tragedy often happens without warning. It can be devastating and debilitating for those affected. Yayasan PETRONAS believes that a little kindness in such situations makes all the difference.

On 5 August 2020, a two-storey hostel block at SK Sebauh in Bintulu (a rural primary school in Northern Sarawak) was destroyed in a fire. No casualties were reported but the 14 students who were staying there lost their school supplies and other personal belongings. Yayasan PETRONAS handed out **RM6,500 to help with immediate supplies and other relief items.**

During a prolonged water crisis, we contributed **400 cartons of bottled water to 100 beneficiaries from B40 communities in Labuan (RM6,000).** We also responded to the needs of **222 victims of a fire at longhouses in Rh Dinggon, Sibul (RM6,904), Sarawak** and distributed **mineral water and LPG cylinders to flood victims in the East Coast Region (RM233,650.70).**

More than RM253,000 went toward ad hoc disaster relief efforts nationwide. They were simple gestures, but no act of kindness is ever wasted on those in need.

A TOUCH OF LOVE

SENTUHAN KASIH FESTIVE

Our Sentuhan Kasih Festive programme brings joy and cheer to needy families during the major **festive celebrations** in Malaysia. In 2020, our volunteers and collaborators distributed food essentials, gift cards, care packages, shopping vouchers and hygiene kits to B40 families around the country. In total we reached out to almost **9,000 beneficiaries** and distributed **RM1.17 million** in goods.



**CHINESE
NEW YEAR:**

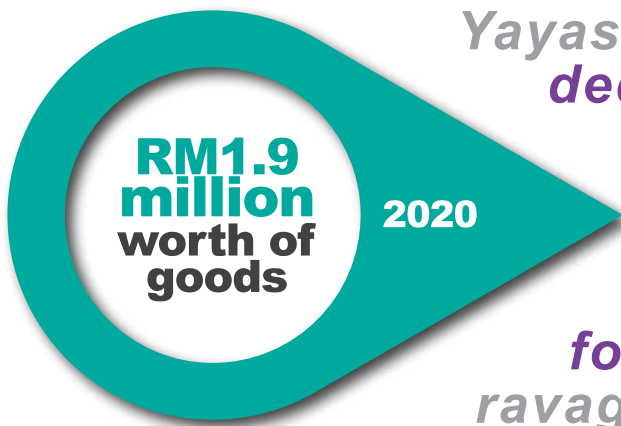
**1,500
beneficiaries**

“We really appreciate the gesture by Yayasan PETRONAS to donate **new clothes** for our children. Their contribution helped us save a lot of money that we then channeled for the children’s **education** and **tuition fees**,” said Loke Wai Loon, Principal, Persatuan Pengurusan Anak-anak Yatim dan Miskin Anning, Ipoh.



DEEPAVALI:
**400
beneficiaries**

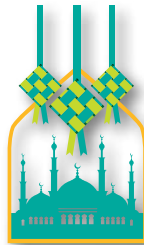
For Thilagavati Rajasingam, Manager at Persatuan Kebajikan Shemariah, the contribution was not only **timely** but in the form of things they really **needed**. “Since the pandemic started, our income and donations have really reduced. We are very **thankful** for the sundries and basic essentials,” she said.



*Yayasan PETRONAS is dedicated to help alleviate financial burdens and remind beneficiaries that they are **not forgotten** amid the ravages of the pandemic.*

**AIDILFITRI /
KAAMATAN /
GAWAI:**

**5,000
beneficiaries**



Norazam Abang Zawawie, Manager, Program Execution, PETRONAS Sarawak, Strategy and Engagement, Group Strategic Communications said, “Many pockets were **hard hit**, and people really **appreciated** PETRONAS’ efforts.”

**CHRISTMAS:
2,000
beneficiaries**



Stakeholders and beneficiaries alike were **grateful** for the **contributions**. Pn Hezleen Hassan, Director of the Welfare Department in Kuala Lumpur hoped that these initiatives will **continue** especially during the **pandemic**.



SAVING LIVES THROUGH IMPACTFUL RESEARCH IN ASIANS

GRANT FOR CANCER RESEARCH MALAYSIA

More Asians are being diagnosed with cancer today and fewer are surviving the disease compared to Caucasians. Unfortunately, **Asians only make up 10% of the world's cancer research**, which means advances in medical research are missing the diverse genetic and lifestyle factors in Asians which are critical to cancer prevention, diagnosis and treatment.

Cancer Research Malaysia (CRM) is the only non-profit organisation in the country dedicated to **saving lives through impactful research in Asians**. Since CRM's inception in 2001, PETRONAS has been a founding donor, contributing **RM13.5 million** to enable the establishment of a **state-of-the-art laboratory**, making advancement in precision medicine possible in Asians, in an effort to find better ways to diagnose and cure cancers.



This has led to the development of an oral cancer vaccine, new ways to identify women at higher risk of breast and ovarian cancer, new ways to identify patients who benefit from immunotherapy, and new ways to improve survival in low-income women.

In 2020, Yayasan PETRONAS contributed an additional **RM1 million to sustain operations** and **RM3 million to upgrade existing research equipment**. This contribution will help advance new therapies for Asian cancers, enable precision medicine to be rolled out to improve early detection and treatment of cancers in Asians, and ensure that Malaysians remain a part of the best global teams fighting the big C.



since
2001

TOTAL
COMMITMENT
**RM21.5
million**

*“The work we do at Cancer Research Malaysia ensures that **advances in medical research can help save Asian lives.** All of this is made possible because of **charitable donations, such as from Yayasan PETRONAS.**”*

– Professor Datin Paduka Dr Teo Soo Hwang, OBE,
Chief Scientific Officer, Cancer Research Malaysia



environment

“It’s surely *our responsibility to do everything within our power to create a planet that provides a home not just for us, but for all life on Earth.*”

— SIR DAVID ATTENBOROUGH



PETRONAS is cognisant of how its business operations affects communities and the environment. As such, we have been constantly improving to mitigate and remediate our impact on the environment, undertaking meaningful actions to protect Malaysia’s rich biodiversity and environmental heritage. This has led us to seek for palpable ways to better the environment through conservation initiatives and carbon neutral programmes that will have lasting and sustainable impact well into the future.

Investing in sustainable initiatives falls in with our purpose to **contribute to the well-being of society, the environment and to uphold our position as a socially responsible organisation.**

PLANTING A LOVE FOR NATURE

THE WALK4TREES CHALLENGE

Beginning 1 December 2019, PETRONAS employees and their family members were challenged to do their bit for environmental conservation. A mobile application customised for PETRONAS called MESTI-BookDoc was developed to track steps as part of the PETRONAS Walk4Trees Challenge. The target was 20 billion steps by 30 June 2021 and for every one million steps taken, PETRONAS was committed to plant one tree.

In addition to the 20,000 trees from the Walk4Trees Challenge, Yayasan PETRONAS has pledged another 30,000 trees, making it a total of 50,000 trees to be planted.

The trees will be planted by local communities with the support of PETRONAS volunteers at 14 locations in 11 states across Malaysia.



Yayasan PETRONAS has appointed Global Environment Centre (GEC) as its implementation partner to manage and facilitate the sustainable growth of the trees.

“Conserving and replanting trees at peatlands and mangroves are amongst the best climate change solutions. Beyond being a great place to store carbon, peatlands and mangroves help to adapt to the consequences of the climate crisis – mangroves protect coastal areas from erosion and peatlands provide source of water; while both provide habitats for a wide variety of wildlife and other plant species,” says Faizal Parish, Director of GEC.

KEDAH
Merbok Forest Reserve
2,500 trees

TERENGGANU
Setiu Wetlands
2,500 trees

PENANG
Sungai Acheh, Nibong Tebal
3,000 trees

PAHANG
Southeast Pahang Peatland Landscape/Nenasi (Ext.) Forest Reserve
5,500 trees

PERAK
Teluk Rubiah Forest Reserve
3,000 trees

SELANGOR
Raja Musa Forest Reserve
8,000 trees

JOHOR
Tanjung Surat Forest Reserve
7,000 trees

Lekir Forest Reserve
2,000 trees

Tebuk Mendeleng
4,000 trees

MELAKA
Durian Tunggal Reservoir Water Catchment
2,000 trees

Kinta Forest Reserve
2,000 trees

KUALA LUMPUR
Bukit Kiara Federal Park
4,000 trees

SABAH
Binsuluk Forest Reserve
2,500 trees

SARAWAK
Kampung Buntal, Kuching
2,000 trees

THE PLANTING SITES & ALLOCATED NUMBER OF TREES

From 2020-2021, GEC will coordinate planting activities at 14 degraded sites in 11 states in Malaysia.

PHASE 1

To plant 30,000 tree saplings with local communities at 9 sites in 6 states: Johor, Kuala Lumpur, Pahang, Penang, Perak, and Selangor.

PHASE 2

To plant 20,000 tree saplings with PETRONAS employees and local communities at 9 sites in Kedah, Kuala Lumpur, Johor, Melaka, Pahang, Sabah, Sarawak, Selangor and Terengganu.

2020

PRE-PLANTING WORK

Community engagement, seedling planting and soil preparation.

14 LOCATIONS

11 STATES

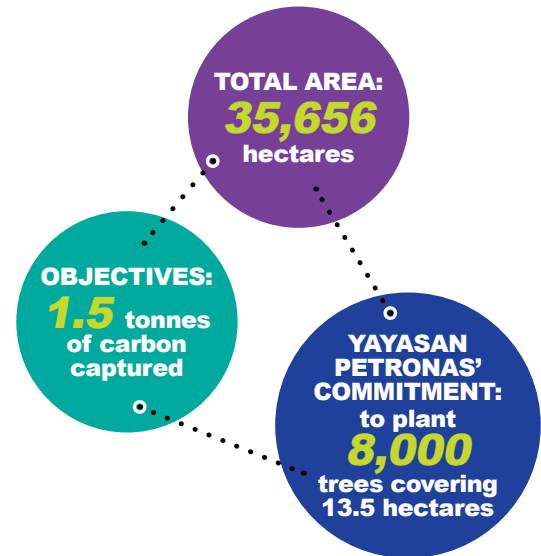
50,000 TREES
Mangrove, dipterocarps and other indigenous species.

SEEDING THE FUTURE

When it comes to planting trees, it's not a sprint to see who can plant the most in the least amount of time. It is about tree survivability. It takes **planning, monitoring** and a **commitment** to long-term maintenance to ensure seedlings can mature to saplings, and thus into strong trees.

The project will start off at the Raja Musa Forest Reserve (RMFR) and work has already begun to identify planting sites and tree species which are ecologically viable and sustainable. **The aim: 80 per cent survival rate for the trees.**

RAJA MUSA FOREST RESERVE (RMFR)





En Nordin, a retired teacher from Kuala Selangor, prepares the soil mix for the planting of peat forest seedlings at the nursery. Once mature, the saplings are planted in the local forest reserve by the community, volunteers and school children.

“We want to enable the local community to attain a more **sustainable livelihood** by generating income from **forest management and protection** to support their daily lives and those of their family.”

– Faizal Parish, Director of GEC.

In order to increase local community participation in forest protection and development programmes that focus on B40 groups, implementation partner GEC, will be **involving local communities** to either start up or expand nurseries. They will be called upon to supply tree saplings for the planting project, thereby helping them to earn a livelihood.

To date, the local community members of the Sahabat Hutan Gambut Selangor Utara (SHGSU) have been participating in RMFR’s rehabilitation and tree planting programme. The SHGSU nursery has been set up on part of SK Bukit Belimbing’s reserve area, a local school situated in the vicinity. Its members have also been trained in **forest management** and **protection**.



PRESERVING TOMORROW

IMBAK CANYON CONSERVATION AREA

The Imbak Canyon Conservation Area is an arboreal wonder of virgin rainforest located in the heart of Sabah. In 2011, PETRONAS embarked on a long-term commitment to help **protect** and **preserve** this Class 1 Forest Reserve. To date, the Foundation has invested **RM83 million** in the Imbak Canyon Studies Centre, a world-class rainforest biodiversity research facility.

The birth of the Imbak Canyon Studies Centre has led to a variety of fruitful outcomes. It has become a significant place where traditional healers show scientific minds how to identify forest plants that have medicinal value or other worthy potential.

IMBAK CANYON CONSERVATION AREA

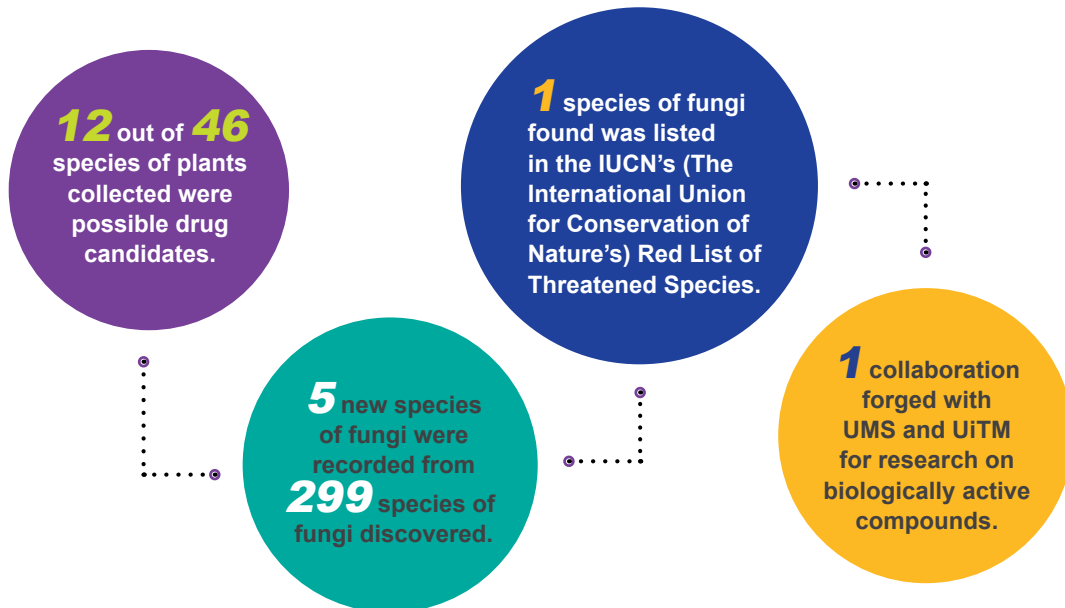
MANAGED BY:
Yayasan Sabah

SIZE:
30,000 hectares (slightly bigger than the size of Penang Island).

IMPORTANCE:
Biggest, continuous area of pure lowland dipterocarp forest remaining in Sabah; catchment area for the Kinabatangan River, the longest river in Sabah.

ENDANGERED SPECIES INCLUDE:
Silver leaf monkeys, Bornean pygmy elephant, clouded leopard, orangutan, civet cats and 250 species of birds.

IN 2019, EXPEDITIONS INTO THE IMBAK CANYON FOREST RESERVE YIELDED THE FOLLOWING RESULTS:



It has strengthened the position of Imbak Canyon Conservation Area as a forest for **biodiversity conservation** and **sustainable use** of natural resources. It has led to the development of a gene bank for the conservation and exploration of pharmaceutical and biotechnological applications of native plants.

The presence of the centre and the activities conducted here protects the area from unwanted encroachment. **Livelihoods** have also been improved with the creation of more **secure jobs** for the local community through hospitality and sustainable tourism-related activities.



OUR PARTNERS

If there was one thing that the challenges of the year 2020 taught us, it was that we are stronger together. Yayasan PETRONAS is proud and grateful to have worked closely with our partners to keep raising hopes and changing futures.

MINISTRIES, AUTHORITIES AND AGENCIES



Pusat STEM Negara

Program Duta Guru



Jabatan Kebajikan Masyarakat

Sentuhan Kasih



Ministry of Health

COVID-19 Contribution



Agensi Pengurusan Bencana Negara (NADMA)

- *Sentuhan Kasih Bencana Alam*
- *COVID-19 Contribution*



Yayasan Sabah

Imbak Canyon Studies Centre



Sabah Forestry

Imbak Canyon Studies Centre



Northern Corridor Economic Region (NCER)

Program MEKAR (Kedah)



Wilayah Ekonomi Pantai Timur

Program MEKAR - ECER (Kelantan, Pahang & Terengganu)

NON-GOVERNMENTAL ORGANISATIONS (NGOs) AND OTHERS



Yayasan Sejahtera

Program MEKAR (previously known as Planting Tomorrow)



MyKasih Foundation

Program MEKAR



Petrosains

Program Duta Guru



Cancer Research Malaysia (CRM)

CRM Grant



ToniBung

Program MEKAR (Sabah)



Global Environment Centre

Walk4Trees



Teach For Malaysia

Program Duta Guru

***In enriching lives for a sustainable future,
Yayasan PETRONAS operates according to these
guiding principles:***



VALUE CREATION



SUSTAINABLE IMPACT



INNOVATION SOLUTION



**EFFECTIVE PARTNERSHIP
AND COLLABORATION**



**GOOD GOVERNANCE AND
EFFECTIVE RISK MANAGEMENT**



Yayasan PETRONAS

Level 71, Tower 1, PETRONAS Twin Towers
Kuala Lumpur City Centre, 50088 Kuala Lumpur

www.yayasanpetronas.com.my
yayasanpetronas@petronas.com