

MPOGCF BIODIVERSITY FORUM 2024







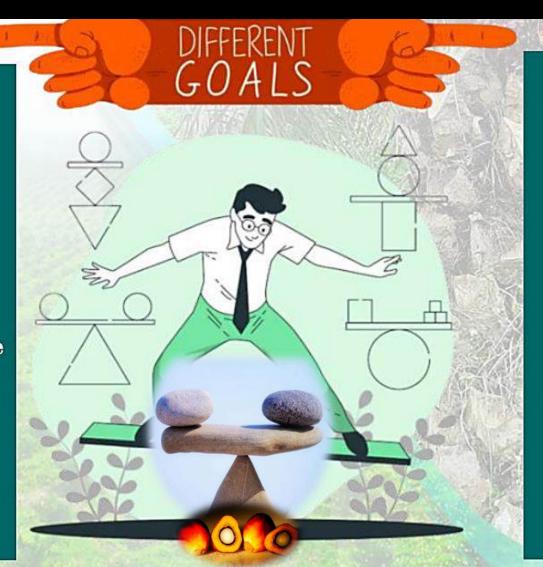
FINDING THAT BALANCE AMID DIFFERENT GOALS

Growers/ Planters

Optimizing planted area

Increase Yield/Ha

Simple, fast and cost effective



Buyers/Customers/ Stakeholders /NGOs

No Deforestation

No conversion of natural ecosystem

Healthy ecosystems – riparian, slope, HCV, unique habitats

Protect the Rare, Threatened & Endangered (RTE) Species

Social needs of local communities

TOWARDS A NUANCED CONVERSATION TODAY



PROPONENTS

is a strong business case for corporate responsibility, in that corporations benefit in multiple ways by operating with a perspective broader and longer than their own immediate short-term profits.





WITHOUT PROFITS, THERE CAN BE NO SUSTAINABILITY

We Need Business Models that Blend Profit and Sustainability

COMMODITIES : PRICE TAKERS NOT PRICE MAKERS

OTHER CRITICS

.... critics argue that corporate responsibility distracts from the fundamental economic role of businesses;

.... others argue that it is nothing more than superficial window-dressing.

>30 YEARS JOURNEY FROM OIL PALM FIELDS, BOARDROOM AND ADVOCACY

RESEARCH AND TRAINING, CORPORATE MANAGEMENT AND OIL PALM ADVOCACY























1987-1990

1990-1991

1991-2001

2001-2004

2004-2021

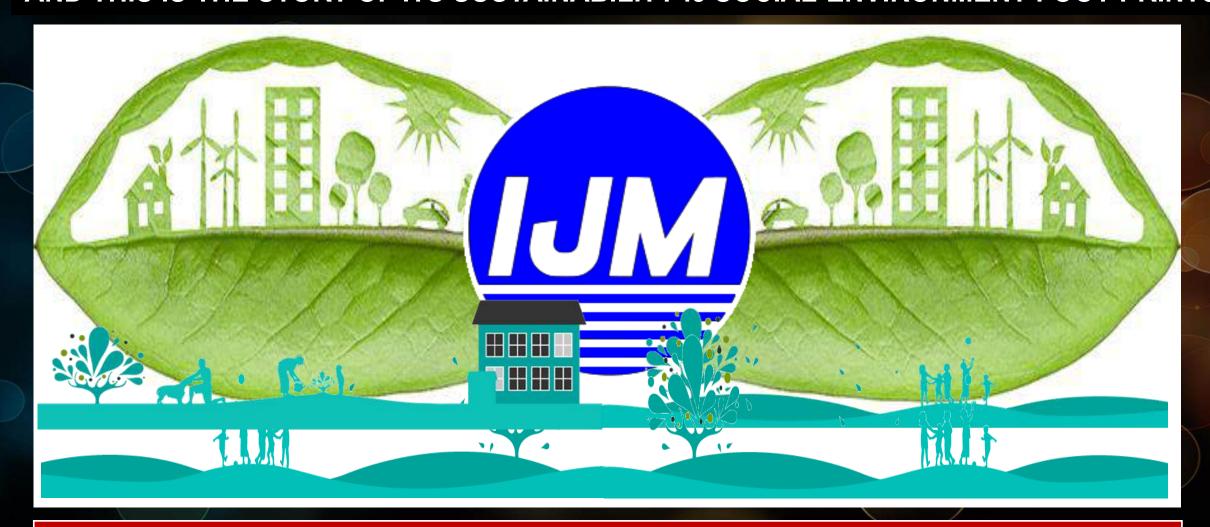
2022-2024







THERE WAS ONCE A COMPANY CALLED *THEN-* IJM PLANTATIONS BERHAD (IJMP), AND THIS IS THE STORY OF ITS SUSTAINABILITY ie SOCIAL-ENVIRONMENT FOOT-PRINTS



A SPECIAL TRIBUTE TO IJMP TEAM AND FAMILY

NURTURING SUSTAINABILITY IN THEN-IJMP DRIVING A PURPOSE-DRIVEN ORGANISATION

































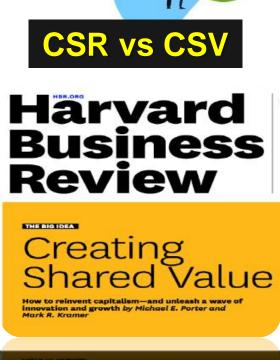
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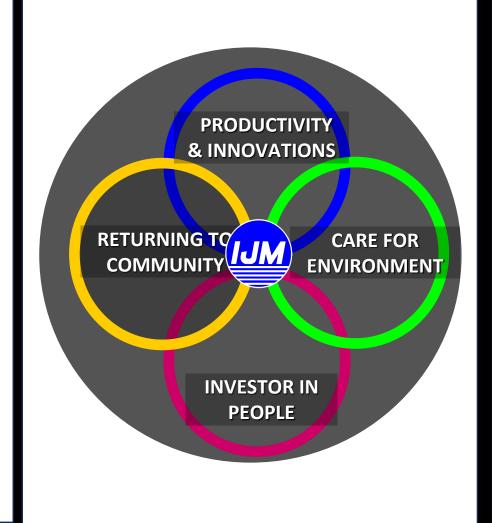




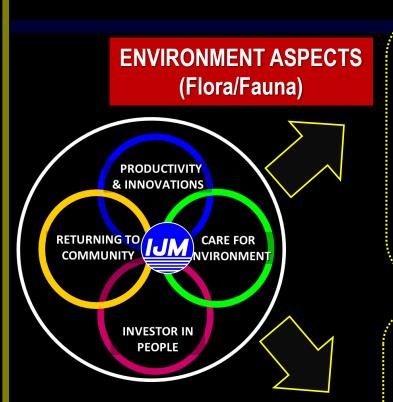
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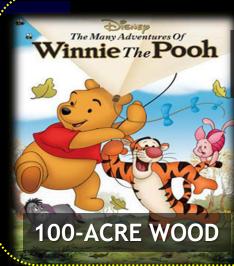




EXAMPLES OF IJMP'S SOCIO-ENVIRONMENTAL INITIATIVESDEMONSTRATED THROUGH 'WINNIE THE POOH', BIRDS, RUGBY and BREAST-HEALTH



SOCIAL ASPECTS



1. Flora Biodiversity

2. Fauna Biodiversity





3. Youth
Sports
Development

4. Breast Health Awareness



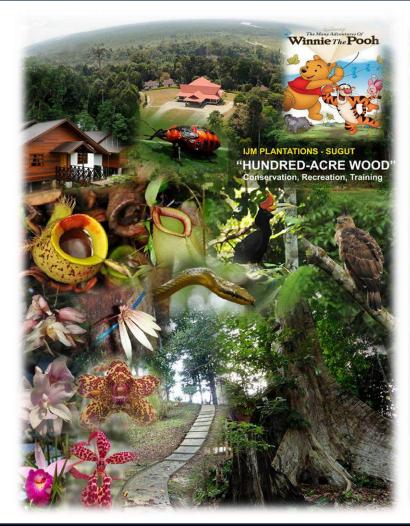
FLORA BIODIVERSITY ASPECTS IN OIL PALM BUSINESS

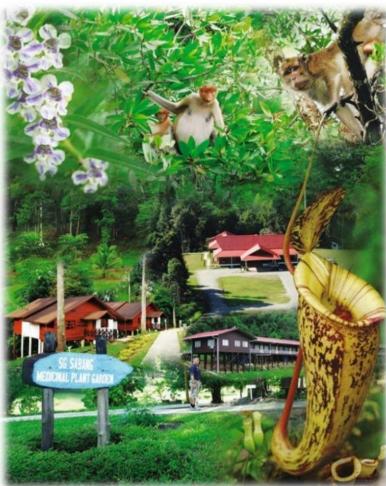




ENVIRONMENT (FLORA): IJMP HUNDRED ACRE WOOD IN SUGUT, SABAH (AND IN INDONESIA)

CONSERVATION, REHABITATION AND TREE PLANTING INITIATIVES, SINCE YEAR 2006



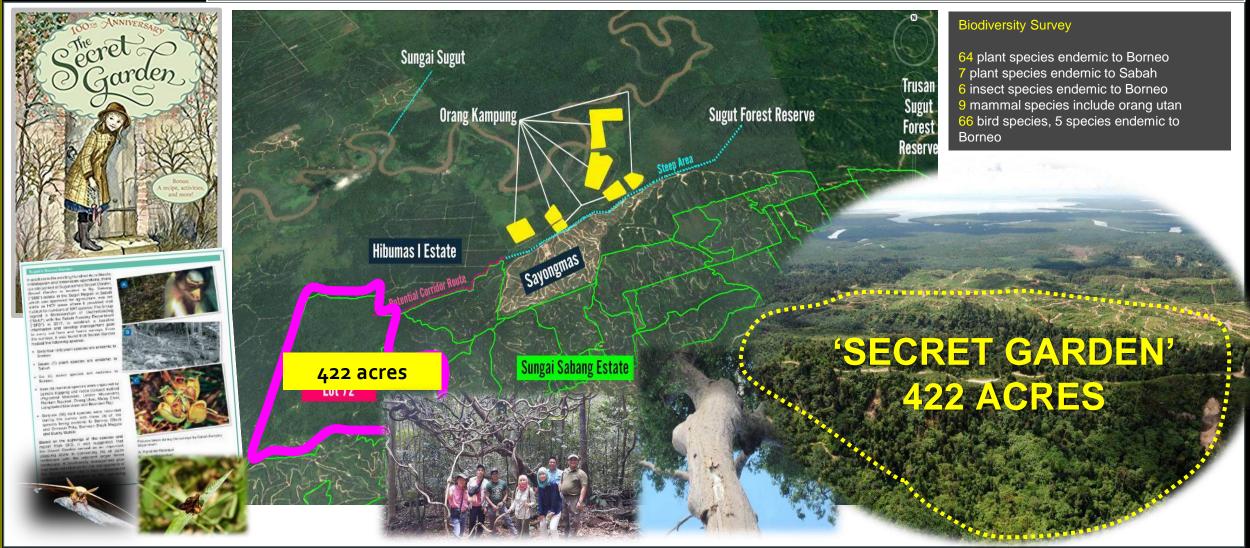






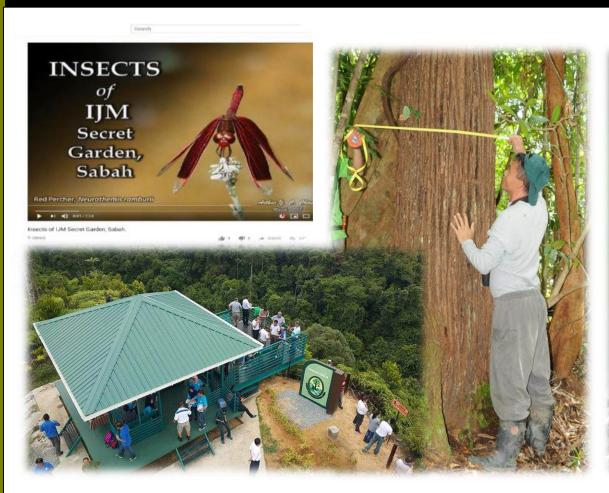
ENVIRONMENT (FLORA): IJMP SECRET GARDEN IN SABAH

Partnership with the Sabah Forestry Department towards developing conservation management plan and a 'corridor of life'



FORGING COLLABORATION WITH EXTERNAL STAKEHOLDERS FOR BETTER MANAGEMENT

Partnership With Sabah Forestry Department







Sebuah lagi Stesen Pengurusan Hutan Lestari di Beluran

Oleh Juzaimie Jazlan bhnews@bh.com.mv



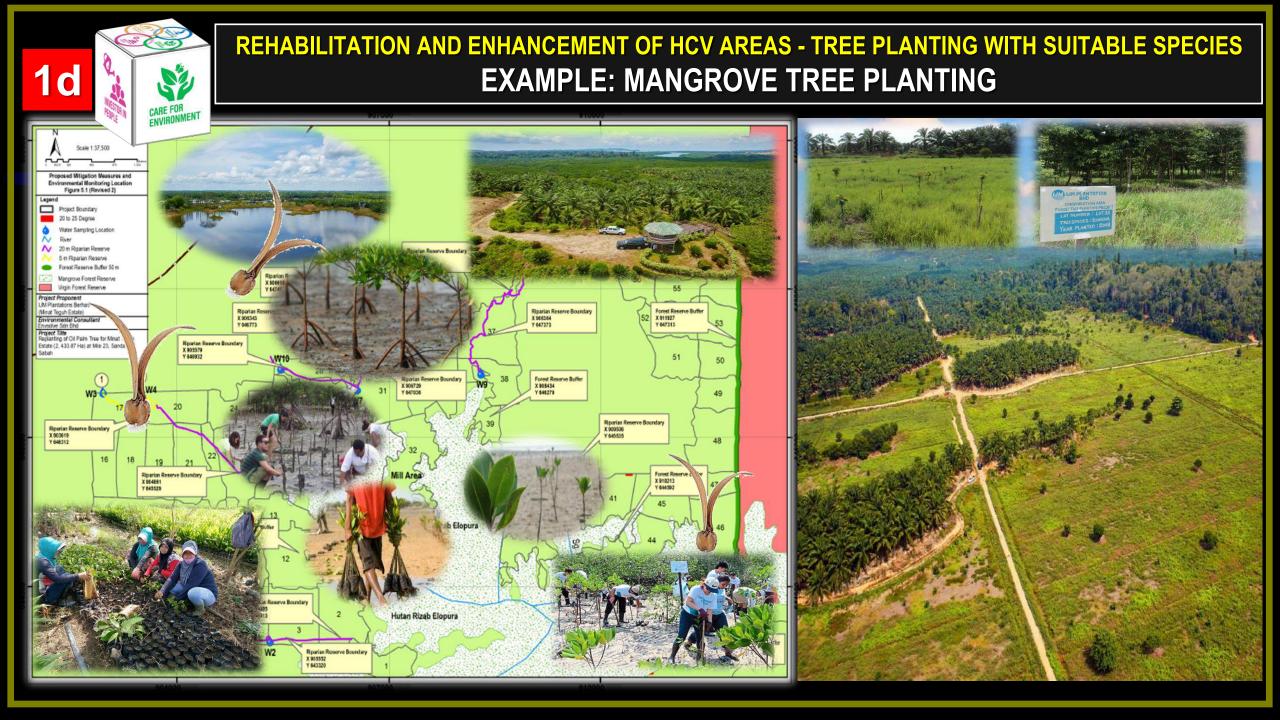






EXPLORING CONSERVATION COLLABORATION ON SUGUT MANGROVE ECOSYSTEMS





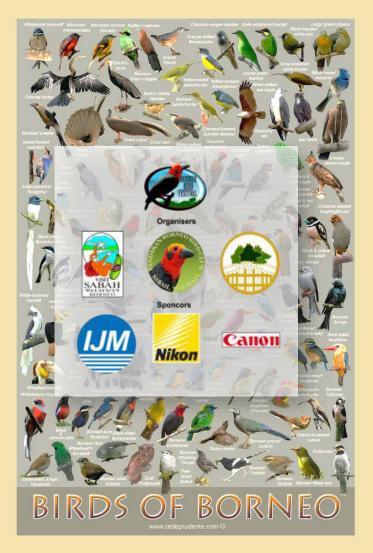


FAUNA BIODIVERSITY ASPECTS IN OIL PALM BUSINESS





ENVIRONMENT (FAUNA): ENHANCING GRASS-ROOT AWARENESS IN BORNEO BIRDS BIODIVERSITY, SINCE 2011







ENVIRONMENT (FAUNA): ENHANCING AWARENESS IN BORNEO BIRDS BIODIVERSITY, SINCE 2011











OTHER INITIATIVES: ADDRESSING HUMAN-WILDLIFE CO-EXISTENCE RURAL COMMUNITY, SABAH WILDLIFE DEPT, NGO AND THEN-IJMP IN HUMAN-ELEPHANTS IN TELUPID

Bull elephant captured, waiting to be translocated to forest reserve Bull from pygmy elephant herd first to be relocated KOTA KINABALU: A bull Borneo pygmy elephant which was part of a herd in conwith villagers in east coast Beluran district for about three years has been capture Saturday, 21 Jul 2018 the help of wildlife rangers and local villagers July 20, 2018 @ 6:05pm

https://api.nst.com.my/news/nation/2018/07/392673/bull-elephant-captured-waiting-be-translocated-forest-reserve

.... The Sandakan Wildlife Department office has been working closely with the community there, as well as NGO, the Forest Trust and IJM Plantations management since November 2015, when the human-elephant conflict become an issue.

.... The Forest Trust and IJM Plantations then formed a team of youths from Kg Ulu Muanad to assist the Wildlife Department to mitigate the conflict.



Bull from pygmy elephant herd first to be relocated

NATION

Saturday, 21 Jul 2018

KOTA KINABALU: A bull Borneo pygmy elephant which was part of a herd in cont with villagers in east coast Beluran district for about three years has been capture the help of wildlife rangers and local villagers.

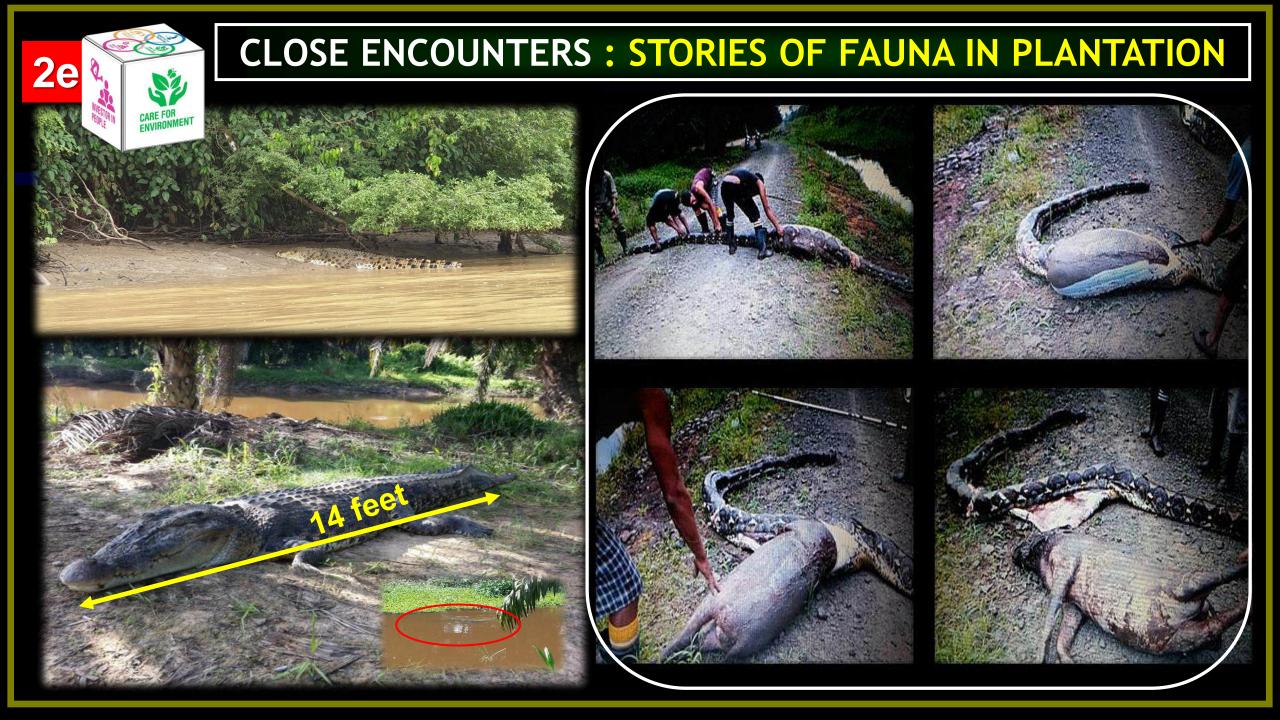


OTHER INITIATIVES: ADDRESSING HUMAN-WILDLIFE CO-EXISTENCE

A 'JURASSIC' CROCODILE TALE FROM THEN-IJMP, SABAH RELOCATION OF CROCODILE AND EGGS FROM MINAT TEGUH ESTATE







FROM BIODIVERSITY, SOME SOCIAL ASPECTS IN OIL PALM BUSINESS



SOCIAL - RETURNING TO SURROUNDING COMMUNITY: YOUTHS AND SPORTS DEVELOPMENT IN SABAH, SINCE 2002

Character-building

Team-work

Leadership

Discipline Hard work

Strategy

Opportunity





SOCIAL – RETURNING TO SURROUNDING COMMUNITY: PUBLIC & GRASS-ROOT BREAST HEALTH AWARENESS, SINCE 2006









3d

EXAMPLE: GUEST WORKERS' CHILDRENEDUCATION AND RURAL OUTREACH, SINCE 2007

EXAMPLE: PROMOTING LOCAL CULTURAL HERITAGE



STAKEHOLDERS ENGAGEMENT AND STRENGTHENING CONVERSATIONS SINCE 2004, THEN-IJMP'S 'WALK WITH CEO' PROGRAMME



AFFIRMING NOTES FROM EU AMBASSADORS' TO IJMP



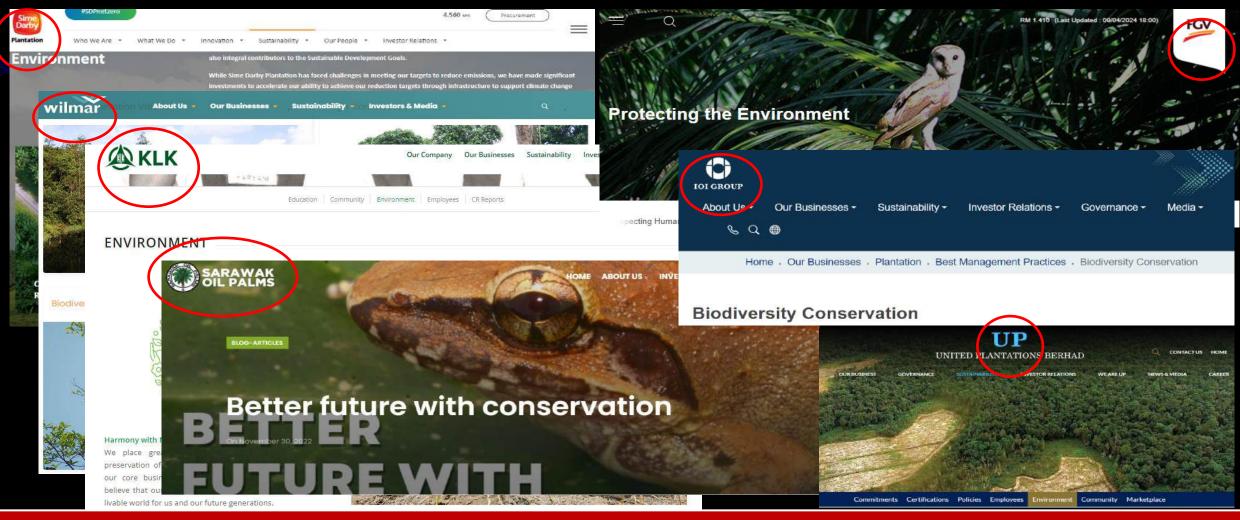


THE GOOD NEWS, KLK, THE NEW CUSTODIAN OF IJMP CONTINUES TO SUSTAIN AND ENHANCE THE SOCIAL-ENVIRONMENTAL INITIATIVES

CONSERVATION INITIATIVES BY OTHER PLANTATION COMPANIES & PARTNERSHIPS

CONSERVATION INITIATIVES IN MANY OTHER MALAYSIAN PLANTATION COMPANIES

Refer to Company Websites, Annual & Sustainability Reports



PROPOSAL: MPOGCF CAN COMPILE AND SHOW-CASE PLANTATION COMPANIES'
CSR / ESG SOCIAL-ENVIRONMENTAL INITIATIVES AND ORGANISE A STAKEHOLDERS COLLOQUIUM

POTENTIAL CONSERVATION PARTNERSHIPS eg. PONGO & EARTHWORM

www.pongoalliance.org

www.earthworm.org













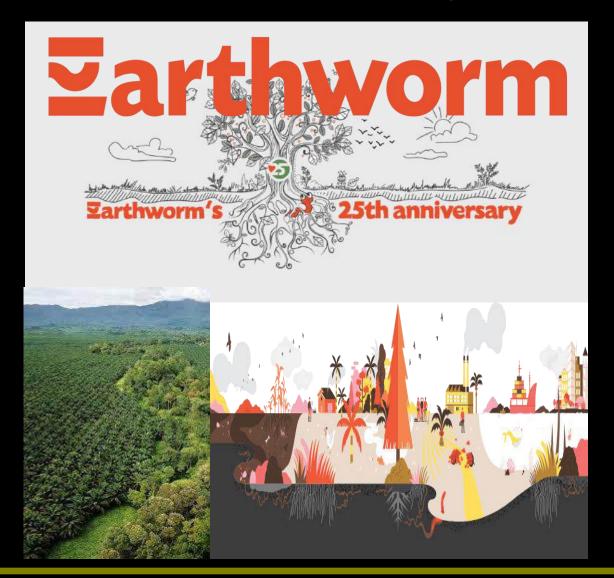


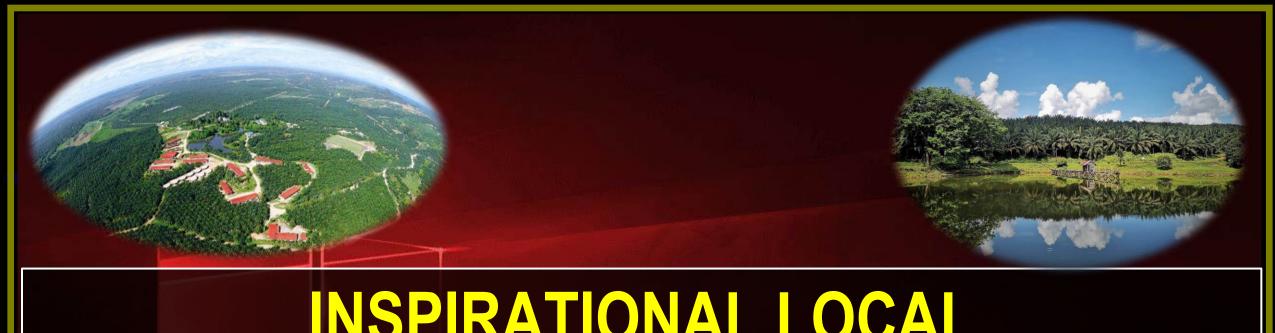






... Unfortunately, it folded last year Global collaboration between NGO and palm oil combecause of funding etc....PONGO





INSPIRATIONAL LOCAL CONSERVATION RELATED CASE-STUDIES



URBAN ORCHARD IN KL BY UNCLE YEN (Yen Maseri Hj Idris)

LIVING

In Remembrance Of His Late Son, This Man Grew An Orchard In The Middle Of KL

Since his son passed away, Uncle Yen stopped working and tried to cope with his loss by taking care of this orchard for years.



BY MELISSA SURAYA ISMAIL









www.youtube.com/wat ch?v=lCtOiNVEeUc

www.youtube.com/wat ch?v=aqxH0kARZdA

www.youtube.com/sh orts/M6rzyDmZTg8

www.youtube.com/wat ch?v=zh3Nzu8 Mfs

LATE RETIRED PLANTER JAMES KINGHAM AKA MALAYSIAN TREE GURU WITH A RAINFOREST NURSERY OF 2 MILLION TREES

https://says.com/my/news/a-retired-planter-s-rainforest-nursery-with-2-million-trees-is-being-bulldozed-in-perak









Famed conservationist and 'tree guru' James Kingham dies

By AUSTIN CAMOENS

MATION

Wednesday, 25 May 2022 8:00 PM MYT

Related News

PETALING JAYA: The Tropical Rainforest Conservation and Research Centre(TRCRC mourns the loss of Malaysian 'tree guru' and former planter James Kingham.

Kingham passed away peacefully on Monday at his home in Tanjung Malim, Perak.

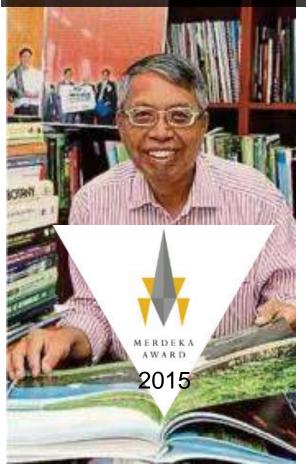
In a Facebook post on Wednesday (May 25), TRCRC said Kingham who was a Landskap Malaysia and TRCRC board member, collected millions of forest saplings on a 200-acre nursery in Tanjung Malim.

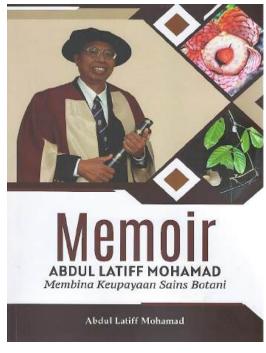


https://bijibiji.co/blogs/posts/stop-the-destruction-the-forest-trees-are-a-national-heritage-that-belongs-to-malaysians-and-to-humanity

TRIBUTE TO PROF EMERITUS DATO' DR ABDUL LATIFF MOHAMAD 40+ YEARS JOURNEY IN MALAYSIAN FLORA RESEARCH

www.mpogcf.org/studies-on-biodiversity-conservation-and-sustainability-of-oil-palm-plantation-by-profemeritus-dato-dr-abdul-latiff-mohamad/









Conclusion

- Generally oilpalm plantations are perceived to be poor in biodiversity
- It is a monoculture plantation
- Whose original biodiversity has been displaced
- However, enrichment with biodiversity is possible, esp. in buffer zone
- Introduction of both plant and animal species in dedicated areas

FOOD FOR THOUGHT: DRIVING FOR BALANCED APPROACH

Food for thought.





- 1. Oil palm holdings are for agri-businesses purposes. Their landscapes are generally poor in biodiversity. However, enrichment initiatives can be pursued.
- 2. Oil palm businesses must continue to strive for balanced and purpose-driven 'doing the right thing' ie beyond the licenses to operate in creating shared values in embracing ESG, CSR, 3Ps, UNSDGs etc.
- 3. Sites can be identified and dedicated eg. buffer zones, flood-plains, hilly terrains for rehabilitation, conservation and biodiversity enhancement even over small but multiple foot-prints.
- 4. There are many models by plantation companies and potential partnerships that can be forged and sustained.
- 5. The good-doers should be affirmed to promote and drive their initiatives forward and be examples for others. Promote inclusivity in raising the bar as well as the raising the floor.



BIG PICTURE OF AGRICULTURE TODAY

PLANET EARTH of 8 billion people 51 billion hectares

WATER (71%)

> 36 billion hectares

LAND (29%)

< 15 billion hectares

AGRICULTURE

< 5 billion hectares

GLOBAL OIL PALM AREA: 0.02 billion or **24 million hectares**

ie. <0.5% of world agricultural land, but produces >30% of global oils & fats

Pasture (68% or 2/3)

Crop-Land (32% or 1/3) ~1.55 billion hectares





23.2 BILLION Chickens

Cattle 1.5 BILLION

Sheep **1.2 BILLION**

Goats 1.0 BILLION ... Cereals, Tubers, Sugar, Pulses, Nuts, Vegetables, Fruits, Fiber, Spices





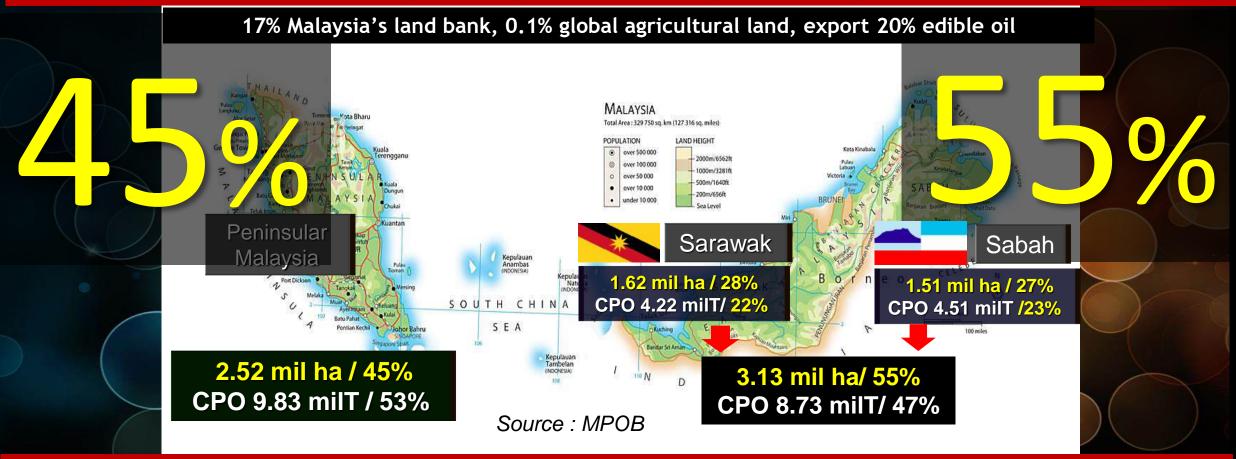
HOW DO YOU TAP PALM OIL FROM OIL PALM TREE?



SNAP-SHOT OF MALAYSIAN PALM OIL INDUSTRY (YEAR 2023)

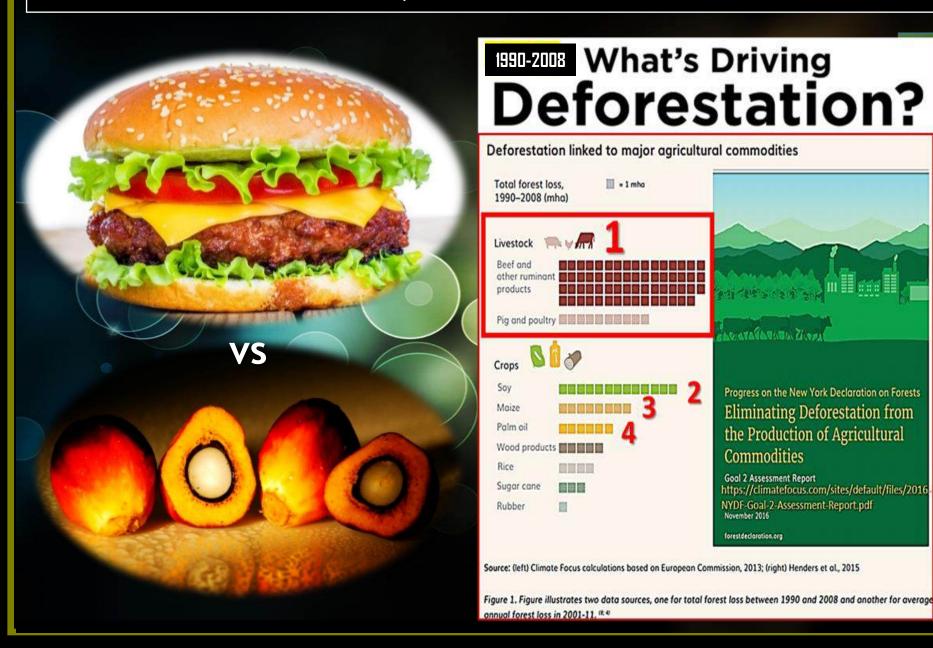
ASSETS ACROSS THE VALUE CHAIN

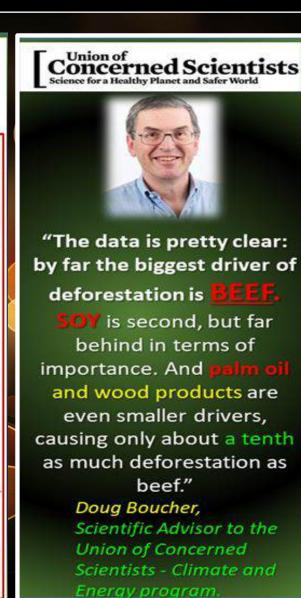
Planted area 5.65 million hectares, 451 mills, 41 kernel crushers, 53 refineries, 20 oleochemicals, 18 biodiesel



YEAR 2023: ~90% EXPORTS, REVENUE RM100 BILLION, TAXES RM8 BILLION (INCL ~RM0.9 BILLION WINDFALL PROFIT LEVY), CESS RM320 MILLION, 450,000 SMALLHOLDERS, 4 MILLION DEPENDANTS

DEFORESTATION QUANDARY: DATA ON HAMBURGER vs PALM OIL





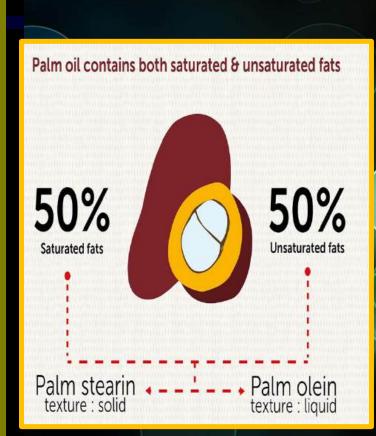
MULTI-USES OF PALM OIL

In food and also used for non-food in oleochemicals, fuel and biomass products



PALM OIL CONTAINS BALANCED RATIO OF FATTY ACIDS

40% monounsaturated oleic acid, 10% polyunsaturated linoleic acid, 44% saturated palmitic acid and 5% saturated stearic acid







4. SLOW TO OXIDATION,
NEUTRAL FLAVOUR, LESS
GUMMY, WITHSTAND HEAT





5. NO HYDROGENATION, NO TRANS FATS







7. GMO-FREE & HALAL

'CINDERALLA' CPKO IN GLOBAL HEALTH-CARE @ COVID-19 PANDEMIC

Many may not be aware of the role played by palm oil's by-product, crude palm kernel oil (CPKO) in the Covid-19 pandemic.

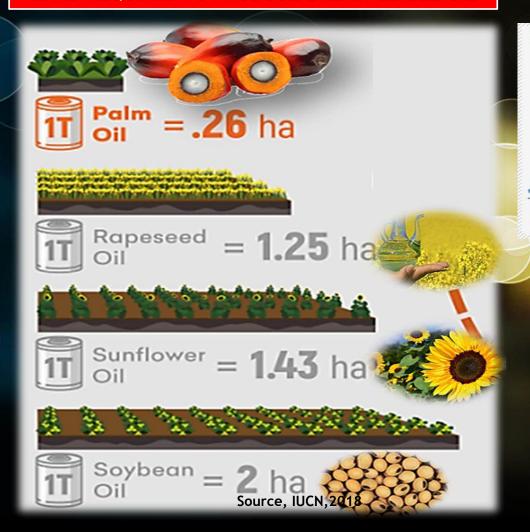
This is because CPO has always been the main focus of the industry while CPKO makes up only 10% of the market - a Cinderella product, nobody really notices it. It is used in the healthcare to make soaps and detergents for the world amid COVID-19 pandemic.



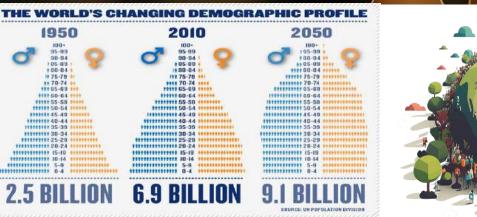


LONG-TERM KEY FUNDAMENTALS OIL PALM PRODUCTIVITY AND WORLD POPULATION GROWTH

LAND REQUIRED TO PRODUCE ONE MT EDIBLE OIL



FOOD SECURITY & WORLD POPULATION GROWTH



PALM OIL: MULTI-USES FOR FOOD, NON-FOOD, FEED, FUEL



SUSTAINABILITY OF OIL PALM AMID NON-LEVEL PLAYING FIELD IN GLOBAL AGRICULTURE





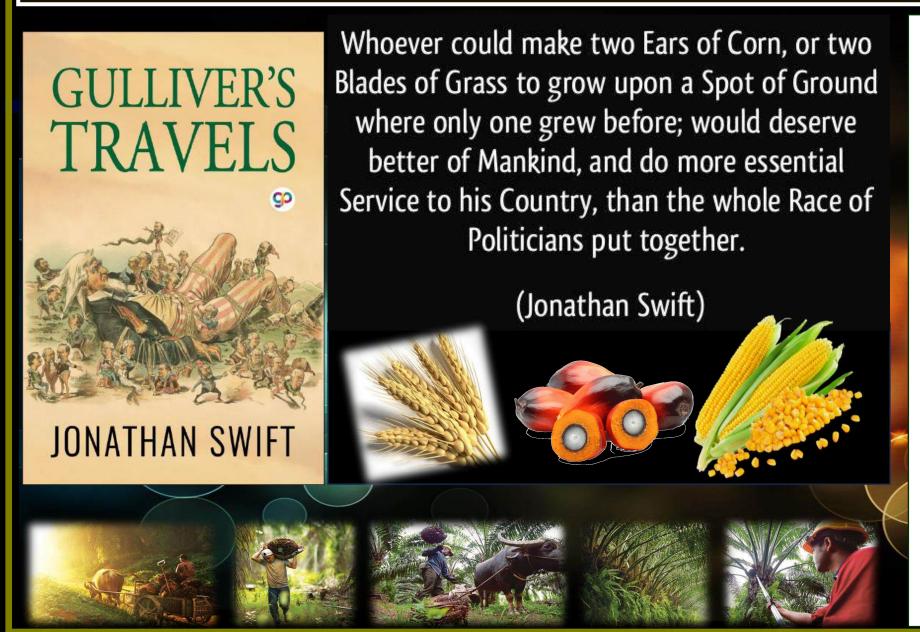
COBRA EFFECT ON PALM OIL

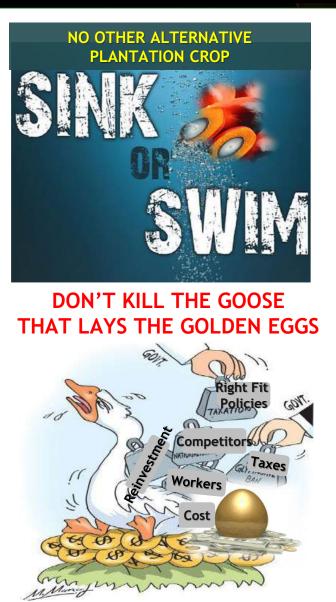
..when attempted solutions result in unintended consequences

Removing palm oil from the global food supply-demand equation will only lead to devastating consequences to the world.



OIL PALM PLANTERS' STEWARDSHIP FOR MANKIND





CONCLUDING REMARKS (1/2)

1. Intertwined biodiversity and business

In the presentation today, we embarked on a journey that transcends the conventional divide between biodiversity and business. We recognise that the flourishing of businesses is inherently intertwined with the well-being of both humanity and the planet, including biodiversity. Palm oil, a cornerstone of many industries and socio-economic imperatives especially of developing countries, serves as a poignant example of this intricate relationship and the imperative to strike a delicate balance.

2. Sustainability nexus

At its core, sustainability emerges as the nexus binding together the 3Ps of people, planet and prosperity. It underscores the essence of inseparability, interconnection and interdependence. In a world teetering on the brink of imbalance, the urgency for effective solution and remediation looms large. For businesses, there exists no greater imperative than the collective thriving of humanity and the planet.

3. Driving for balance

As we confront the challenges posed by a burgeoning global population clamoring for food security, palm oil emerges as a resilient and indispensable solution. It's remarkable attributes including high land efficiency, prolific yields, widespread accessibility, and the data indicating deceleration of deforestation position it as a critical agent in feeding the world.

CONCLUDING REMARKS (2/2)

4. Palm oil solution

However, any joint approach must transcend ideological boundaries and embrace pragmatism rooted in science and data-driven evidence. We must eschew preconceived biases, dogmas and trade protectionism in favour of a nuanced understanding of the complexities at hand.

5. Constructive engagement

Moving forward, our focus must remain steadfast on strengthening dialogue and constructive engagement, productivity growth, and the drive and adoption of sustainable practices. The sector must adapt to evolving expectations while unwaveringly upholding its mission to nourish the world while delicately balancing the 3Ps in sustainability.

6. Continuous Improvements

Even as we celebrate commendable sustainability achievements in palm oil, stakeholders must continually strive to surpass existing benchmarks by 'raising the floor and the ceiling'. It is incumbent upon us to establish palm oil as not just a productive and competitive force, but as the epitome of sustainable vegetable oil production.

7. Advocating for co-existence

In essence, I hope the presentation advocates for a harmonious co-existence wherein palm oil thrives as a beacon of sustainability, forging a path towards a brighter, shared and equitable future for all.

A GLOBAL FOOD GAP PUZZLE

Apparently, a survey was conducted by the U.N. worldwide. The only question asked

"Would you <u>please</u> give your <u>honest</u> <u>opinion</u> about <u>solutions</u> to the <u>food</u> <u>shortage</u> in <u>the rest of the world</u>"

THE SURVEY WAS A FAILURE WHY?



- 1. In Africa, many did not know what "food" meant.
- 2. In Western Europe, many did not know what "shortage" meant.
- 3. In Eastern Europe, many did not know what "opinion" meant.
- 4. In the Middle East, many did not know what "solutions" meant.
- 5. In South America, many did not know what "please" meant.
- 6. In Asia, many did not know what "honest" meant.
- 7. And in USA, many did not know what "the rest of the world" meant.

MALAYSIA is blessed with palm oil, but we live in a non-level playing world.

Removing palm oil from the global food supply-demand equation will lead to devastating consequences.

All relevant stakeholders must be galvanised to sustain our competitiveness, market access and sustainability.

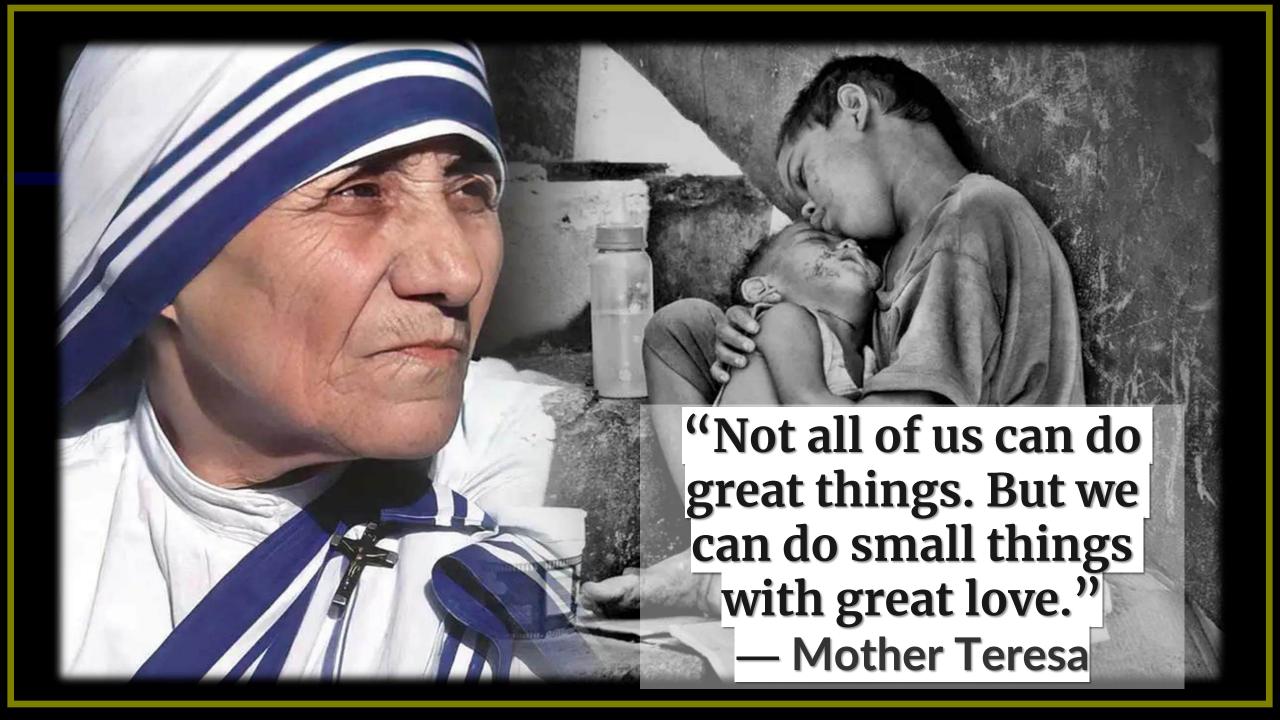
"Grateful for the opportunity to share my journey today. Huge thanks to the incredible IJMP team and family. Wishing the new custodian, KLK all the best on the next chapters ahead!"



Joseph Tek is the present Chief Executive of the Malaysian Palm Oil Association (MPOA), an organisation that boasts a membership representing approximately 70% of the privately-owned oil palm-planted areas in Malaysia. MPOA's members includes major oil palm players such as Sime Darby, FGV, KLK and IOI and many having integrated business operations overseas.

With a career spanning over 3 decades, he has garnered valuable expertise in various facets of the palm oil sector, including C-Suite leadership, oil palm and agribusiness R&D and training, sustainability discourses and pursuit of multistakeholder engagements. He holds a 1st Class Honours Bachelor's degree in Botany from UKM, MPhil in Plant Breeding from Cambridge University and completed the ASEAN Senior Management Development Programme at Harvard Business School.

His notable career includes key roles such as the CEO and MD of then-public listed IJM Plantations Bhd. He had also served IJMP as the Head of R&D and Training. His career also encompasses earlier various positions at Sime Darby Plantations and MPOA. Beyond his executive roles, he is also Board member of the MPOB. He chaired the MPOB Taskforce on Replanting and has recently appointed Chairman of the MARCOP Main Committee focused on mechanisation. His contributions extend to committees like MPOB's PAC and involvement in RSPO. He has also served as the past-President of the Malaysian Estate Owners Association (MEOA).





MPOGCF BIODIVERSITY FORUM 2024





