

ToCoDeS LEGACY



Tahniah

daripada
Pengarah dan seluruh Warga
atas penubuhan
Syarikat Pemula UiTM



En. Surail Abdul Kahar



Prof. Madya Dr. Rozita
@ Ujl Mohammed
Pengarah ToCoDes Legacy



Prof. Madya Ts. Dr.
Henry Joseph

ToCoDeS

LEGACY

bermula
1 FEBRUARI 2023

Tahniah

daripada
Pengarah dan seluruh Warga BITCOM
atas penubuhan
Syarikat Pemula UiTM



En. Surail Abdul Kahar



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Prof. Madya Ts. Dr.
Henry Joseph



En. Cyril Supain

ToCoDeS

LEGACY

bermula
1 FEBRUARI 2023

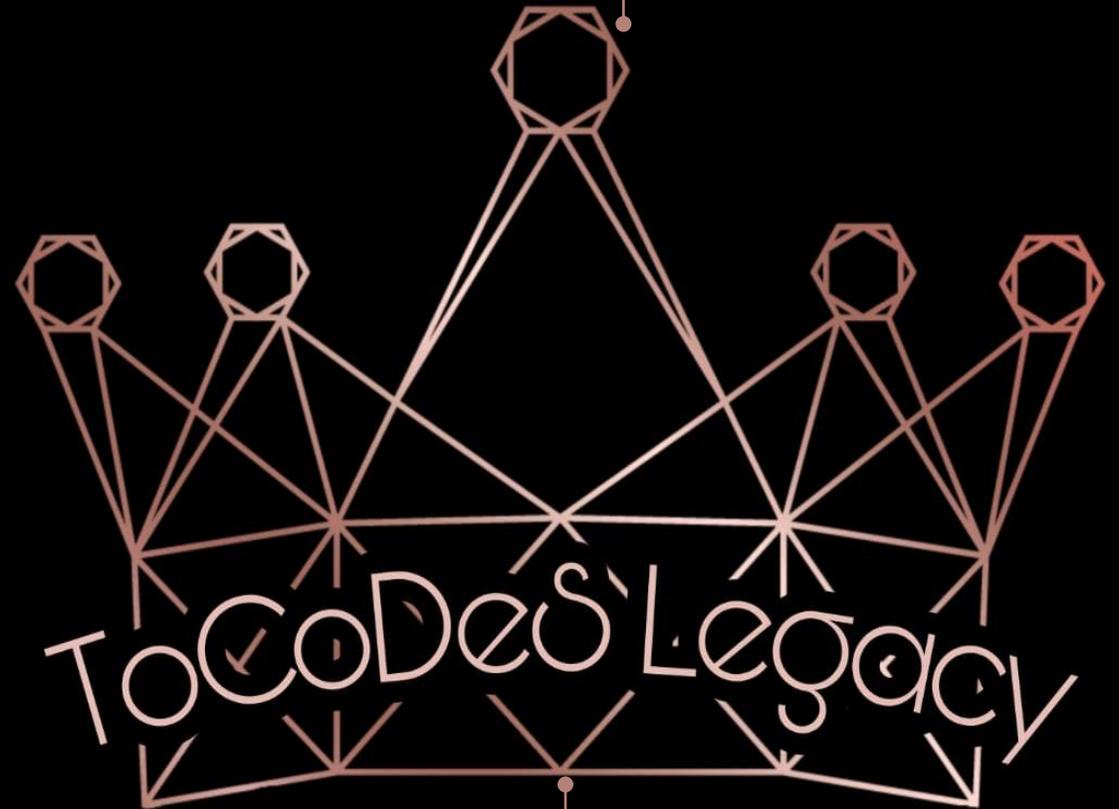


LOGO

THE CROWN IS A SYMBOL OF TRIUMPH, WEALTH, AUTHORITY AND THE HIGHEST PART/HIERARCHY OF SOMETHING.

4 SMALL HEXAGONS REPRESENT 4 PIONEERS

1 BIG HEXAGON REPRESENTS 1 COMMON GOAL



BUSINESS NAME TAKEN FROM SIG-ToCoDeS

OUR VISION

GO BEYOND THE ORDINARY PRIMARY INDUSTRY TO FOSTER ENTREPRENEURIAL COMMUNITY POTENTIAL IN THE GLOBAL COMMERCIAL MARKET.

Melangkahi industri prima biasa untuk pertingkat potensi komuniti usahawan di pasaran komersial global.

OUR MISSION

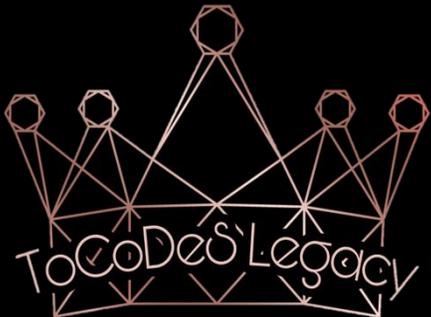
NURTURE SOCIAL ENTREPRENEURSHIP CONCEPT AMONG THE COMMUNITY AND PARTICIPATE IN COMMERCIALIZING LOCAL PRODUCTS TO THE GLOBAL MARKET.

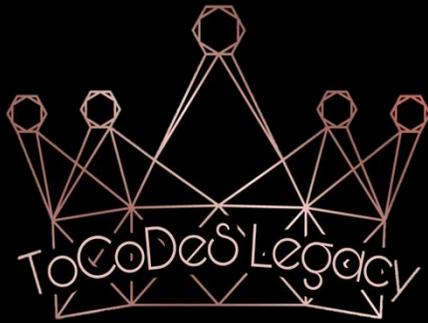
Memupuk konsep Keusahawanan Sosial dalam kalangan komuniti dan terlibat dalam pengkomerisalan produk tempatan ke pasaran global.

OUR VALUES

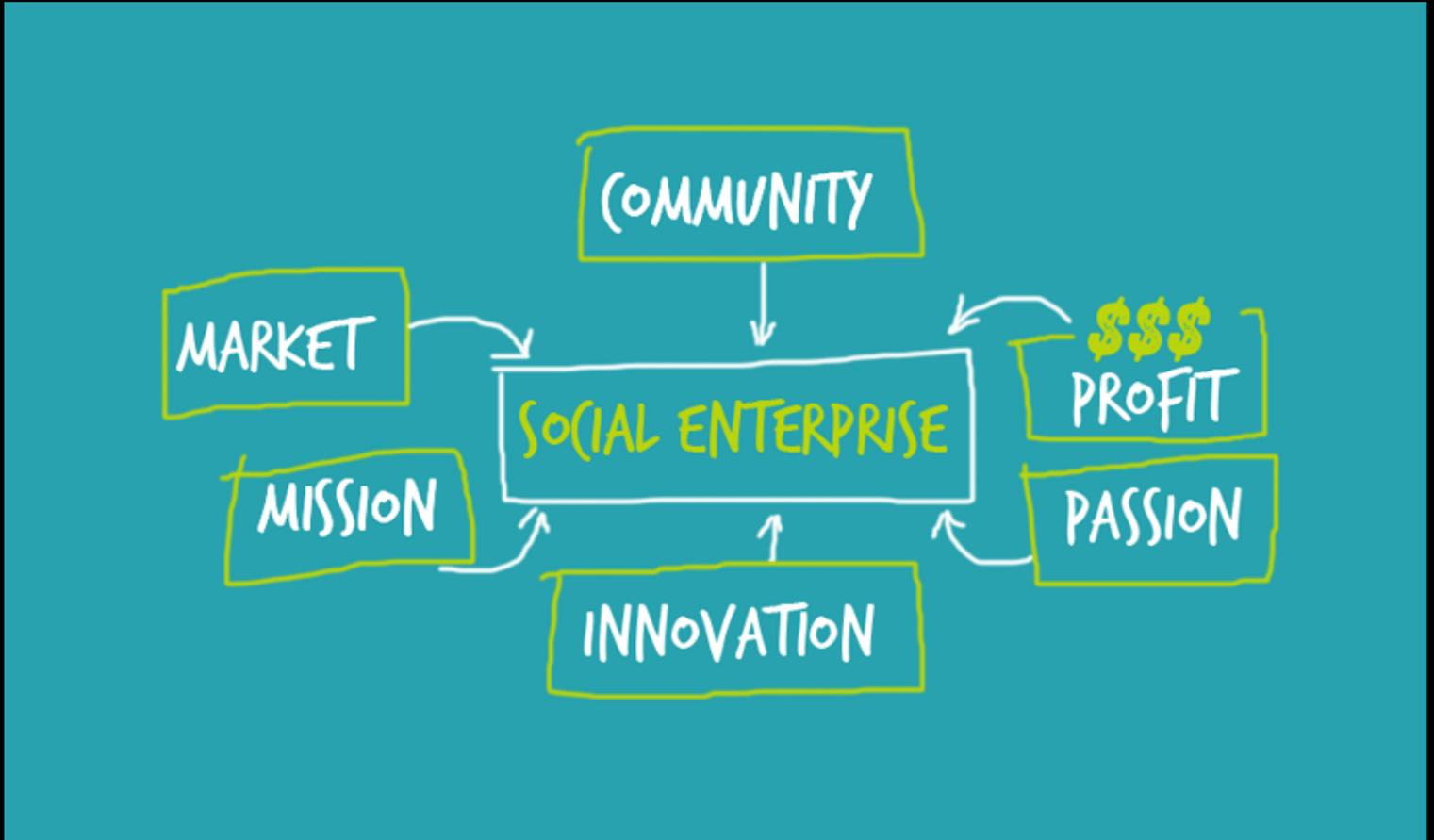
SUSTAINABLE, ISLAMIC & GREEN, INCLUSIVE & WIN-WIN SITUATION

Berterusan, Islamik & Hijau, Terangkum dan Situasi Menang-Menang





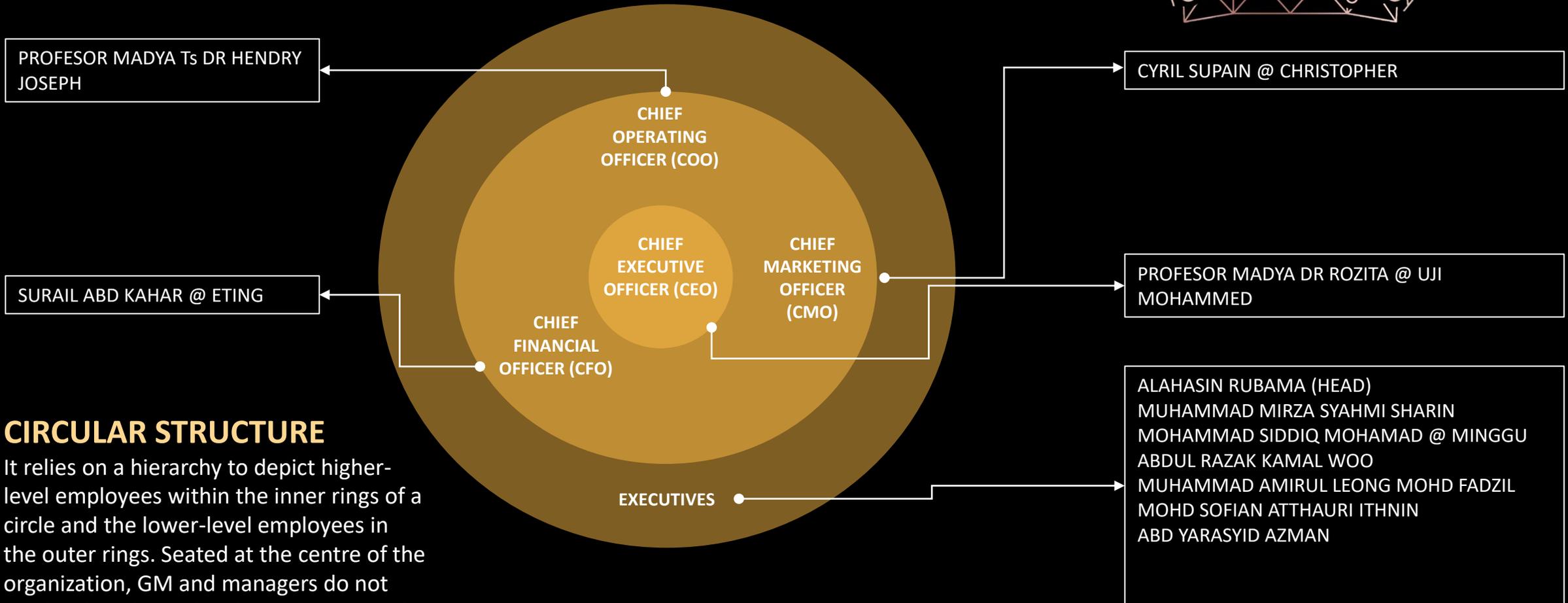
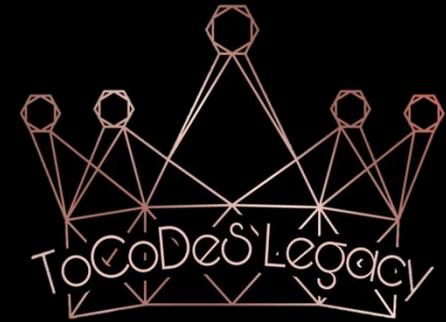
PROPOSE BUSINESS CONCEPT



A social enterprise refers to a business with certain social objectives as its primary goal while using a commercial structure to run the organization. It usually attempts to make a strong societal impact while maximizing its profit as well, which is then used to fund its social programs.

**<https://corporatefinanceinstitute.com/resources/esg/social-enterprise/>*

ORGANIZATIONAL CHART



CIRCULAR STRUCTURE

It relies on a hierarchy to depict higher-level employees within the inner rings of a circle and the lower-level employees in the outer rings. Seated at the centre of the organization, GM and managers do not send orders down the chain of command but rather outward.

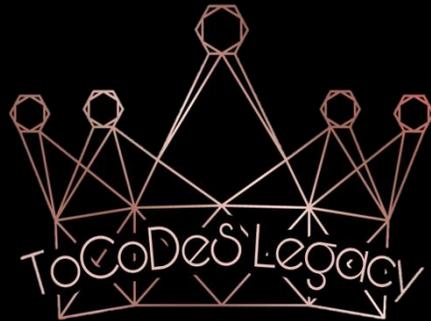


SELAMAT DATANG

KUSAT HARI HERI ENTERNAKAN LO STE AIRAW (LAT) DI
G. K MAD
K DA EN TU GA N B
U U SIG Des



MEET THE TEAM



MEET THE TEAM

CHIEF EXECUTIVE OFFICER
(CEO)



**ASSOCIATE PROFESSOR DR.
ROZITA @ UJI BINTI MOHAMMED ADK**
ASSOCIATE PROFESSOR, FACULTY OF BUSINESS
AND MANAGEMENT, UiTM SABAH

EDUCATION

Doctor of Philosophy (Islamic Finance), Universiti Malaysia Sabah; Master of Business Administration, Universiti Teknologi MARA; Bachelor of Business Administration (Hons.) Finance; Diploma in Banking Studies; Pre-Commerce, Institut Teknologi MARA; Executive Certificate for Entrepreneurial Leaders, Institute for Entrepreneurial Leadership, Swansea University

TOP ACHIEVEMENT

Excellence Women Award (EWA2023) IWD IKSnita Pakar Rujuk Persidangan Majlis Perundingan Belia Bahagian Pantai Barat Sesi 2022/2024
Best Speaker, Anugerah Akademik Universiti 2022
Deputy Rector (PJI) UiTM Sabah 2010-2018
Ahli Darjah Kinabalu (ADK) 2017
Anugerah 100 Wanita Sumber Inspirasi 20/21 IKSnita Anugerah Ikon Kemasyarakatan IWD IKSnita 2017
AJK Induk Majlis Penasihat Wanita Sabah (MPWS), Chairman, Education Committee & Principal of Cream@YWE MPWS 2017/2018
Icon, SMK Putatan (Alumni)
Excellent Service Awards, UiTM, 2005, 2011 & 2015
RM3.5 million *Dana Pembangunan Usahawan Bumiputera (DPUB) Sabah, TERAJU 2019/2024*
Official GST© Songwriter, KPMHEP
Official SUKANUN© Songwriter, PBBM
Textbook Author, International Banking (1st & 2nd Ed.)
Head of Jury, Green Technology, MYINSTINCT21 IKM
Expert Panel, Validation of PhD Research Instruments, Faculty of Human Ecology UPM 2021
Gold & Silver Medalists, CONDEV 2022
Bronze Medalist, INoDEx 2021
Silver Medalist, UiTM Kedah, 2019
Gold Medalists, 5S, UiTM Sabah, 2012, 2013 & 2019
Gold Medalist, K-Innovation, UKM 2017
Gold, Silver, and Bronze Medalists for several innovation projects, i-Fest UiTM Sabah, 2012-2017
Best Paper Award, 4th AEC Vietnam 2018
Best Presenter & Keynote Speaker, 3rd USRC 2017
Best Consultant UiTM Sabah 2015-2017
Best Paper, 2nd USRC Conference 2015
Best Counsellor, Tunas Mekar ICU Sabah 2014-2015

AFFILIATION

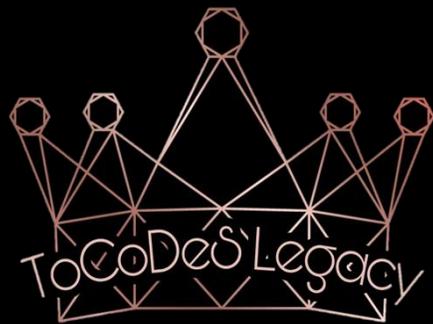
Head, Special Interest Group-Group of Women's Inclusion Studies (SIG-GoWISes), UiTM Sabah
Head, Special Interest Group-Team of Community Development Studies (SIG-ToCoDeS), UiTM Sabah
Affiliate member, Special Interest Group-Centre for Entrepreneurship Excellence (SIG-CEE) UiTM
Affiliate Manager, Freshwater Lobster Production-Green Aquaponics Perennial System TERAJU-UiTM
Professional Lead Auditor Nigel Bauer (UK)
Biskaunselor & Business Facilitator Institut Keusahawanan Negara (INSKEN) – BEP, KAK & ETR
Biskaunselor Panel, Special Project SDSI INSKEN
Rakyatpreneur 2.0/3.0 Business Coach, Bank Rakyat
National Panel of Judges, *Industri Pertandingan Kemahiran*, Jabatan Pembangunan Kemahiran (JPK)
National Industry Expert, *Pakar Pengajar (PAJAR) JPK*
External Advisor, MBA Program of University College of Sabah Foundation (UCSF)
Associate Editor, The Borneo Review Editorial Board
Panel, KupiKupiFM/SabahFM/RTM1/TVOkey
LAB Profile™ Practitioner, *Stratégies de réussite*
Honorary Treasurer, *Koperasi Bekas Angkatan Tentera Malaysia Berhad (KOMBAT)*
Chairman, Persatuan My Alumni SMK Putatan
Member, Kelab Orkestra Kinabalu Sabah
Member, Badan Bahasa dan Sastera (BAHASA)
Member, PEWANI #162582
Member, Malaysian Red Crescent #12-00-003104
Member, MFA #M610500; AICB #B78/0815
Member, KUB #001259; KKUiTM #8908
Member, NOW #Nations of Women Malaysia Chapter
Member, Majlis Profesor Negara (MPN) #12746



<https://www.facebook.com/Rozita.mohammed.56>



http://Instagram.com/drum_legacy?utm_source=qr



MEET THE TEAM

CHIEF OPERATING OFFICE
(COO)

Associate Professor Ts. Dr. Hendry Joseph

Profile

Home town : Papar
Race : Kadazan

Universiti Teknologi MARASabah Branch
Locked Bag No. 71
88997 Kota Kinabalu, Sabah, MALAYSIA
+6088513793
+60128028119
hendry@uitm.edu.my



Leadership

- Head of Postgraduate Studies, UiTM Sabah Branch (2021-present)
- Former Head of Faculty of Plantation and Agrotechnology, UiTM Sabah Branch (2013-2021)
- Honorary Secretary, International Institute of Plantation Management Sabah Chapter
- Secretary General, Persatuan Alumni Universiti Putra Malaysia Sabah

Education Background

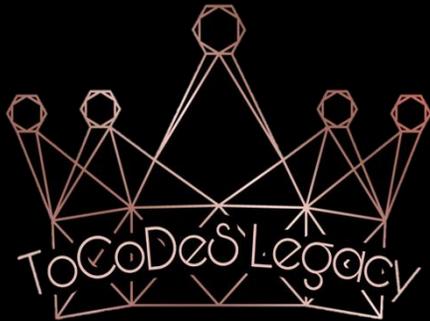
PhD in Plant Pathology (UPM Serdang)
M. Agric. Sc. (UPM Serdang)
B. Agric. Sc. (Hons.) (UPM Serdang)
Dip. In Agriculture (UPM Bintulu)

Scope of Expertise

Productions and protection of tropical crops, bio-pesticides and biological control of plant pestand diseases, stingless bees farming, freshwater lobster farming, social entrepreneurship, agro-food system and agro-prosumer. A professional member with Malaysia Board of Technologists.

Research Grants and Consultations

SLDB - Stingless Bee Farming AET Project
TERAJU - Freshwater Lobster Production-Green Aquaponics Perennial System
TERAJU - Ferti-Chilies Prenuer
IDH The Sustainable Trade Initiative - Baseline Study at Kinabatangan and Kunak
SDG Research Borneo



MEET THE TEAM

CHIEF FINANCIAL OFFICER
(CFO)

Surail Bin Abdul Kahar @ Eting

Profile

Home town: Tambisan Sabah
Sabah Ræ: Suluk Sungai

Universiti Teknologi MARASabah Branch
Locked Bag No. 71
88997 Kota Kinabalu, Sabah, MALAYSIA
+6088325128
+60198156440
Surailab@uitm.edu.my

Education Background

MSc. International Accounting (UUM)
B. Accounting (Hons.) (UiTM)
Diploma of Business Studies (ITM)



Scope of Expertise

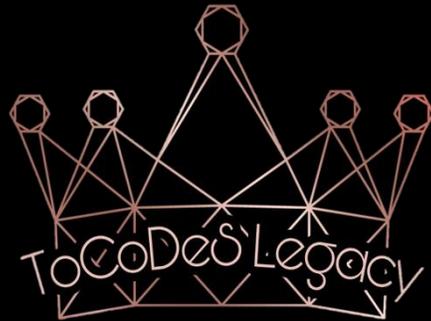
- Financial Accounting, Cost & Management Accounting, Financial Planning & Budgeting, Accounting Information System, Social Entrepreneurship, CSR and Community development service/volunteerism.

Leadership & Awards

Chairman of NGOs & Cooperatives (*Organization of Graduates of Educational Institutions Malaysia, Organization of Human Mind Development Sabah, Koperasi Bina Insan LD Sabah Berhad, KMMB Sabah Branch, Koperasi Ummah Dana Wawasan Melaka Bhd*). Treasury (*Jawatankuasa Pembangunan Ekonomi Rakyat Parlimen Lahad Datu Sabah, Koperasi Rakan Ikhtiar Bersatu Sabah Bhd, Malaysian International Humanitarian Organization*), Advisor & Financial Advisor (*Koperasi Pembangunan Insan Kunak Sabah Bhd, Koperasi Siswa UiTM Sabah Bhd, & Dobi Station*), Panel of Assessor MQA (Accounting), Business Kaunselor (INSKEN)

Research Grants and Consultations

TERAJU - Freshwater Lobster Production-Green Aquaponics Perennial
CENTHRA - Profiling and Mapping of Bajau Laut Sabah
INSKEN - Business Enhancement Program
MQA - Accreditation Program



MEET THE TEAM

CHIEF MARKETING OFFICER
(CMO)

CYRIL SUPAIN @ CHRISTOPHER

Profile

Home town: Inanam
Race: Dusun Kadazan
Address: Faculty of Business and Management, Universiti Teknologi MARA (UiTM) Cawangan Sabah, Kampus Kota Kinabalu, Locked Bag 71, 88997 Kota Kinabalu, Sabah.
Phone: +6088-325151/ 019-5852904
Email: cyril489@sabah.uitm.edu.my

Educational Background

- MBA (USM, Pulau-Pinang)
- BBA. (Hons.) Marketing (UUM)
- Dip. in Accountancy (UiTM Sabah)

Scope of expertise

Business Management, Digital Marketing, Social Entrepreneurship.

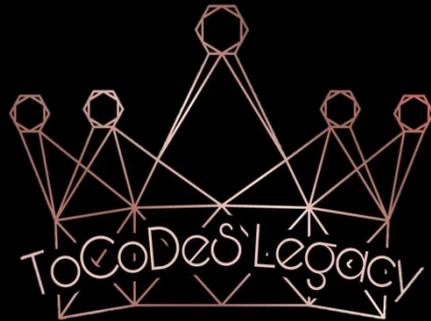
Research Grants and Consultations

- TERAJU - Freshwater Lobster Production-Green Aquaponics Perennial System. (2019-2024)
- Sigma Optometry -Business Consulting (2015-2019)
- ICU-JPM -Sabah Tunas Mekar Entrepreneurship Programme -Consulting (2013-2016)
- Consultant/Advisor for Industrial student.
- Industrial Expert Committee for Kota-Kinabalu Politeknik.



Leadership and Awards

- UiTM Sabah, Malaysian Academy of SME Development (MASMED) Coordinator.
- Women In Social Enterprise (WISE) Programme Coordinator
- FAMA-UiTM My Agrosis Programme Corrdinator.
- ICU-JPM Tunas Mekar (Entrepreneurship programme) Sabah Coordinator.
- Associate Member Malaysia Institute of Marketing (MIMM).
- Anugerah Perkhidmatan Cemerlang.



MEET THE TEAM

EXECUTIVE (HEAD)

Alahasin Bin Rubama

Profil

A fresh graduate from Universiti Teknologi MARA (UiTM) Sabah in Diploma in Business Studies with 6+ years of working experience in several fields and recently certified in Guest Experience Development Course (GEDC). I am very keen to seek for a career to practice my profound managerial and administrative skills.

Educational Background

- 2014 - 2018**
Universiti Teknologi MARA (UiTM), Diploma In Business Studies:-
2015 - 2016 Student advisor to PEERS Club
2016 - UiTM Sabah Deputy Program UiTM Delegation In Peninsular Malaysia Borneo
2018 - Finish in Diploma In Business Studies
- 2019/03 - Present**
Universiti Teknologi MARA (UiTM), Bachelor of Business Administration (HONS.) Human Resource Management
Part time student in Bachelor of Business Administration (HONS.) Human Resource Management

Personality

Friendly, trustworthy, Open minded, disciplined, very strict in time management and honest.

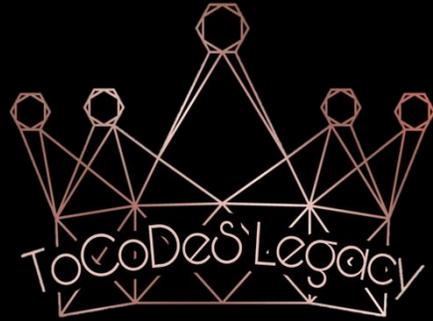
Strengths

Hardworking and never give up. Fast Learner, independent, self-motivated and good in team work. Always give full cooperation and committed.



Experience

- 2015 - 2016**
Student Tutor, Universiti Teknologi MARA (UiTM), Sabah:
Universiti Teknologi MARA (UiTM), Sabah
- Coach junior students in preparation of coursework and examinations accomplishment.
 - Boosted student enrollment ; increased passing rate for business related courses.
- 2014 - 2017**
PEERS, CLUB Member
Universiti Teknologi MARA (UiTM), Sabah
- Received awards certificate of project Leader
 - Received bronze certificate award of Edinburgh's International Award
 - Received many certificates for volunteer achievement
- 2016/09 - 2017/03**
Part Timer (Banquet)
- Ming Garden Hotel, Kota Kinabalu
- 2017/05 - 2017/09**
Server / Cashier / Cleaner / Waiter
- Kenny Rogers Roosters, Harbour Mall, Sandakan
- 2018/02 - 2019/12**
Guest Experience Leader (GEL)
McDonald's One Sulaman DT, Kota Kinabalu
- Promoted from crew to Guest Experience Leader (GEL) based on skills.
 - Increase the market by promoting the costumers on events such as birthday parties.
 - Handle parties and events under McDonald's terms and conditions.
 - Achieved Guest Experience Development Course (GEDC) certificate.
- 2020/02 - Present**
Project Manager - Freshwater Lobster Production : Green Aquaponics Perennial System (FLP-GAPS)
UiTM - TERAJU
- Administering community-based special projects to help improve revenue, particularly for the B40 group, and to develop entrepreneurs



MEET THE TEAM

EXECUTIVES

ABD YARASYID AZMAN
Diploma In Aquaculture Management
Kolej Vokasional Lahad Datu

ABDUL RAZAK KAMAL WOO
Degree in Computer Sciences (Software Engineering)
Universiti Malaysia Sabah (UMS)

MUHAMMAD MIRZA SYAHMI SHARIN
Diploma in Planting Industry Management



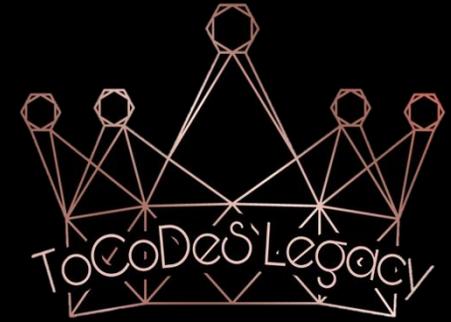
EXECUTIVES

MUHAMMAD AMIRUL LEONG MOHD FADZIL
Diploma In Aquaculture Management
Kolej Vokasional Lahad Datu

MOHAMMAD SIDDIQ MOHAMAD @ MINGGU
Diploma In Aquaculture Management
Kolej Vokasional Lahad Datu

MOHD SOFIAN ATTHAURI ITHNIN
Diploma In Aquaculture
Universiti Selangor (UNISEL)

MEET OUR SUPPORT TEAM



SUPPLY CHAIN



TERAJU SABAH
(FUND PROVIDER)



BITCOM UiTM
(INTERNAL ADVISOR)

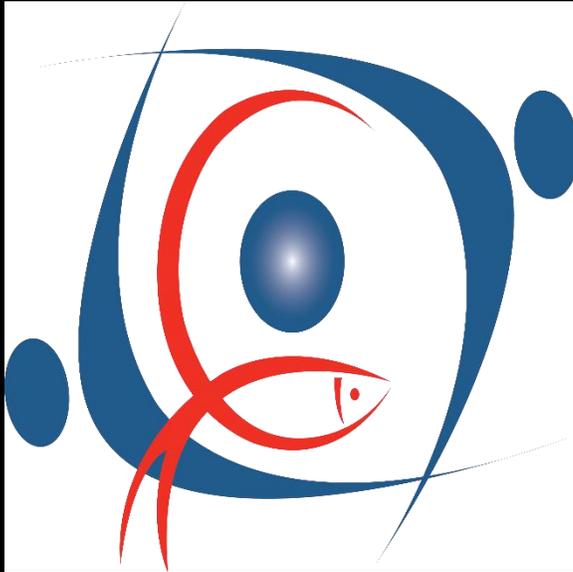
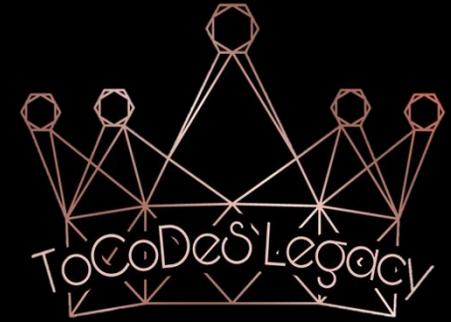


FASTHARVEST AQUACULTURE
(INDUSTRY EXPERT)



MYUSZ AGRICULTURE FARM
(INDUSTRY EXPERT)

MEET OUR SUPPORT TEAM



KO-NELAYAN SABAH
(SALES & MARKETING PARTNER)



COMMUNITY
(HUMAN CAPITAL PROVIDER)

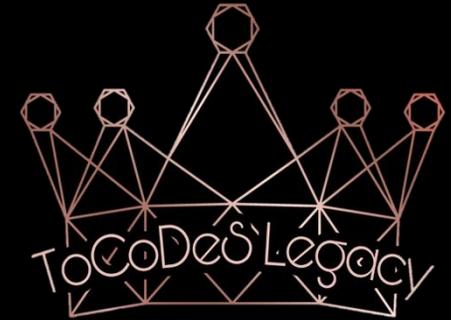


LANDLORDS
(NATURAL RESOURCES PROVIDER)



STATE GOVERNMENT
(POLITICAL SUPPORT)

MEET OUR SUPPORT TEAM



SMALL FWL OPERATORS
(SALES & TRAINING SUPPORT)



SABAH ELECTRICITY SDN BHD
(ENERGY SUPPLIER)

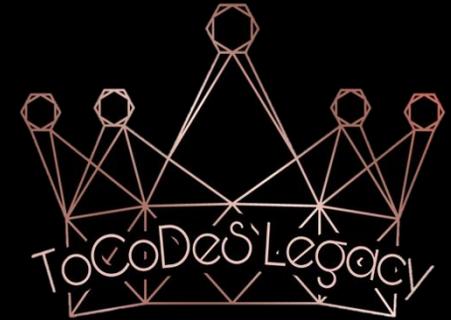


JABATAN AIR NEGERI SABAH
(WATER SUPPLIER)



PERBADANAN HARTA INTELEK
(INTELLECTUAL PROPERTY SUPPORT)

MEET OUR SUPPORT TEAM



SABAH LAND DEVELOPMENT BOARD
(STRATEGIC PARTNER)



JABATAN PERTANIAN NEGERI SABAH
(MYGAP PROVIDER)



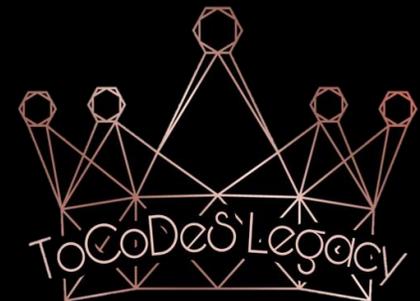
JAB. KEMAJUAN ISLAM MALAYSIA
(HALAL PROVIDER)

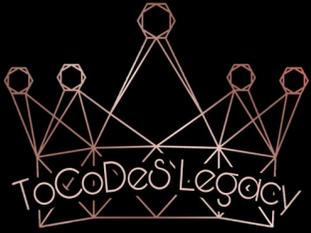


UiTM SABAH BRANCH
(ADMINISTRATIVE SUPPORT)

ABOUT US

- *We are members of the Special Interest Group-Team of Community Development Studies (SIG-ToCoDeS) formed on the 26th of August 2019 – registered under PJIM&A.*
- *4 members consisting of lecturers from different fields started the SIG.*
- *Then in January 2022, we decided to form a business entity for commercialization purposes. To remain a research group, we cannot go beyond helping the underprivileged groups as one of the KPIs – creating a self-sustained entrepreneurial community.*
- *We believe that SOCIAL ENTERPRISE is a sustainable business model/concept to achieve our Vision, Mission, and Value.*
- *Currently, we are conducting one mega project called FRESHWATER LOBSTER PRODUCTION-GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS), a community grant funded by TERAJU worth RM3.5 million for 5 years. It commenced officially in February 2020 – at the final stage of completion.*
- *7 executives were hired in February and March 2020 to help the SIG members with all the technical parts of the project. They are still with us now.*
- *6 places were set up as hatcheries and involved 30 participants from B40.*





FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS) – WORKSTATION LOCATIONS

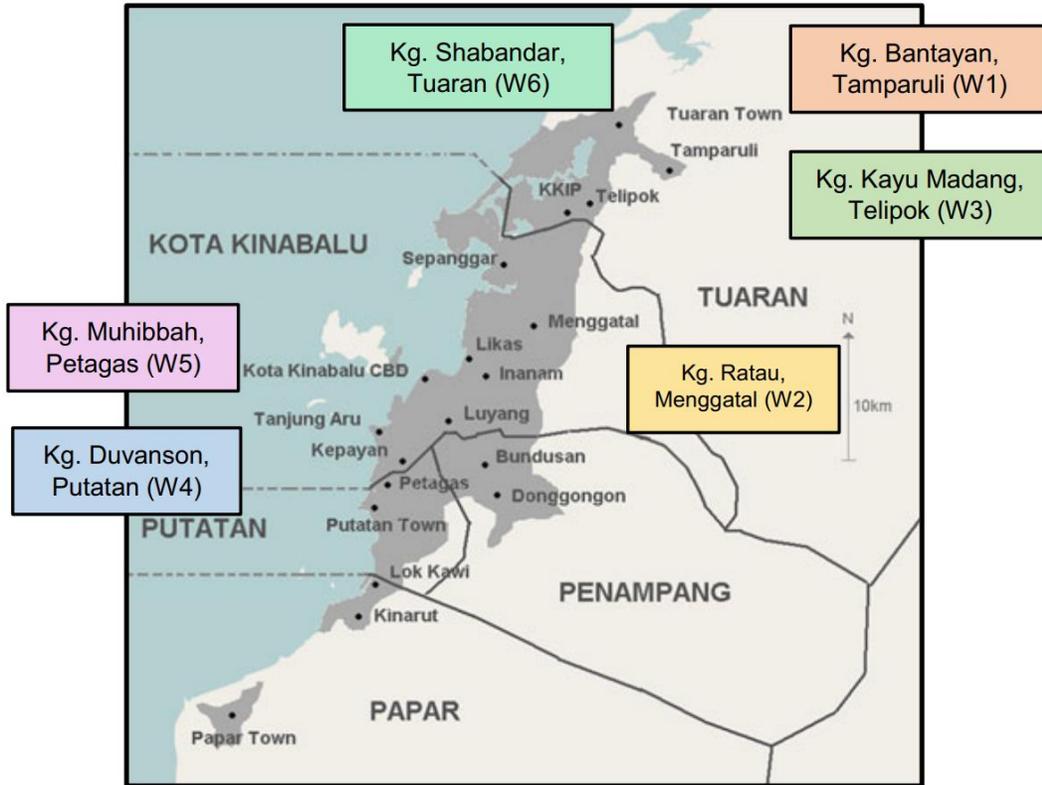


Fig. 6 The locations of All Workstations. Source https://commons.wikimedia.org/wiki/File:GKK_map.PNG

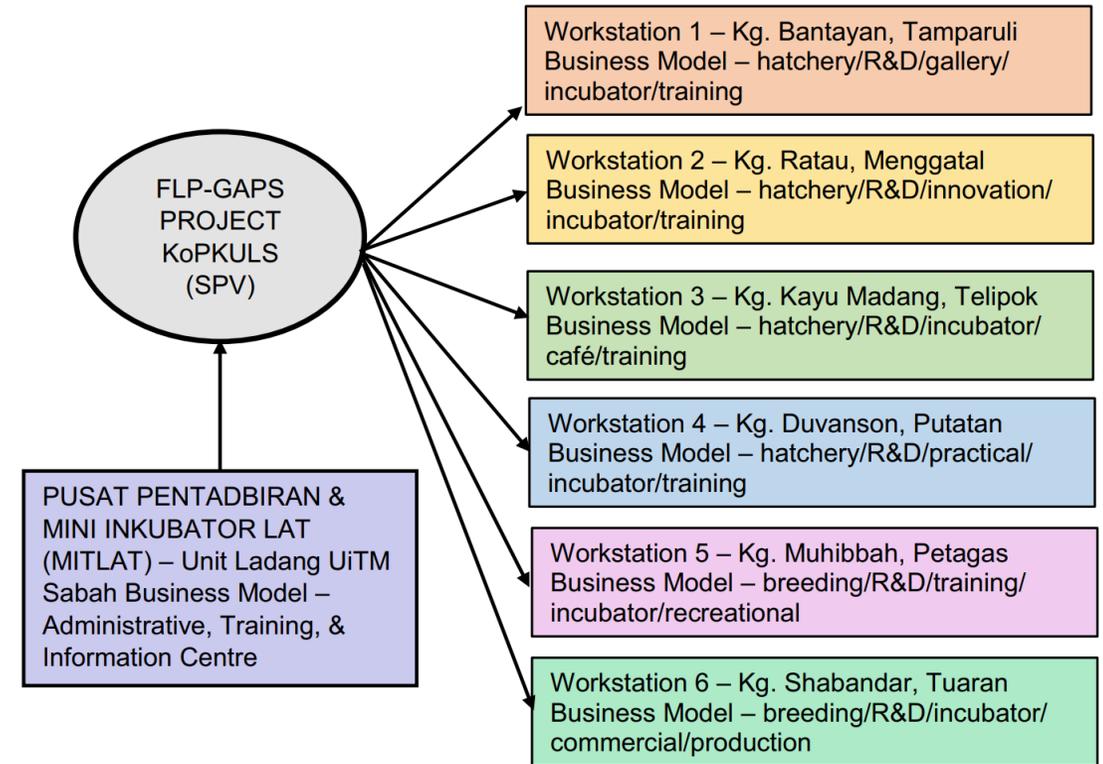
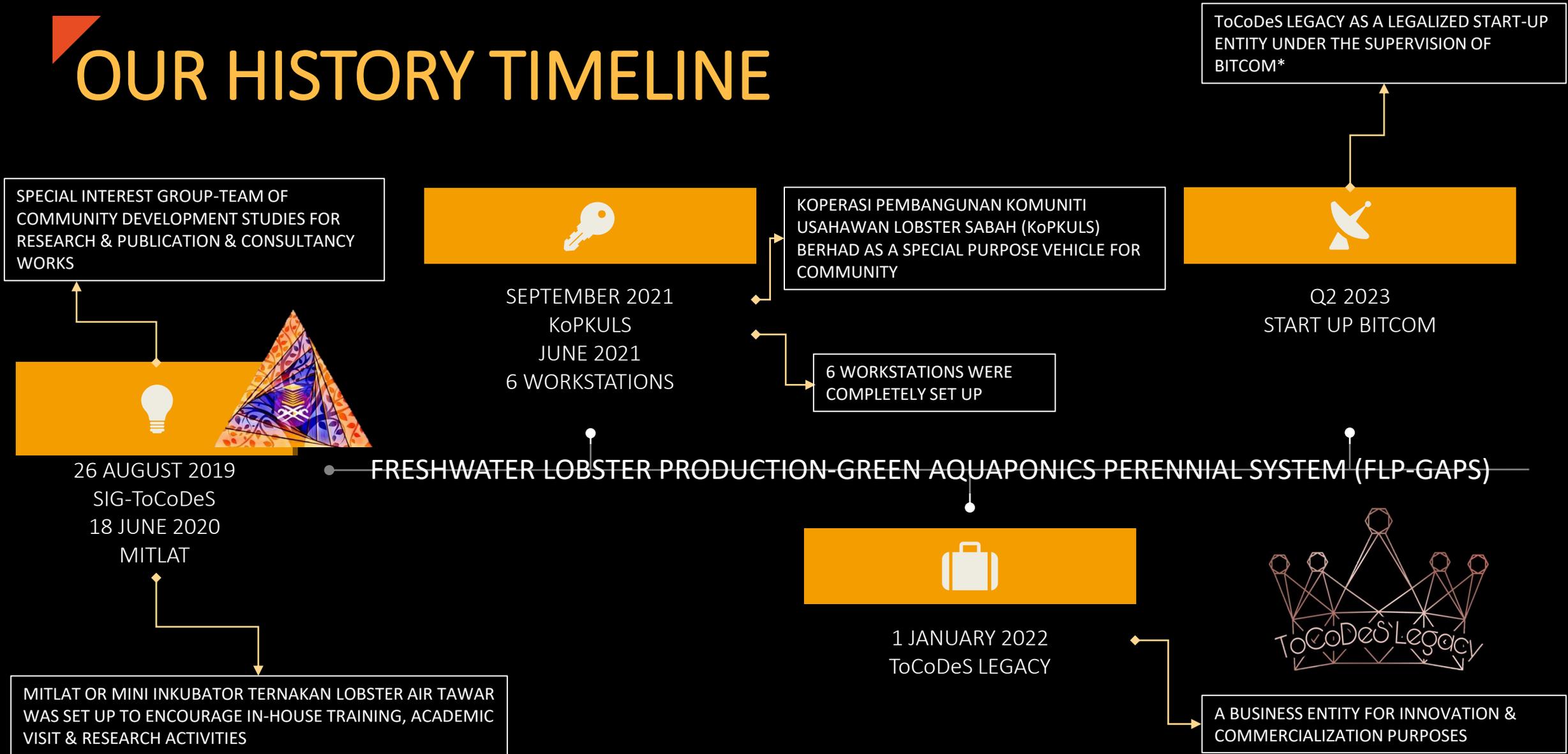
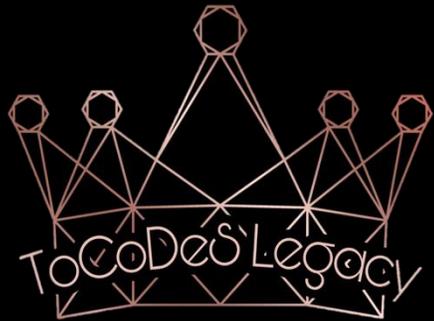


Fig. 7 Six Workstations of the Green CBSE FLP-GAPS Project. Source SIG-ToCoDeS (2021). Note The participants' profile: **a** 73% (Male), 27% (Female). **b** 13% (Pensioner), 87% (Self-Work/Unemployed). **c** 47% (Youth), 53% (Adult)

OUR HISTORY TIMELINE



Note: *BITCOM – Business Innovation & Technology Commercialization Centre (BITCOM) is the Technology Transfer Office of UiTM that is dedicated to supporting UiTM researchers to maximize research impact through evaluation, protection, marketing, and licensing of the university's innovations, inventions and research discoveries.



RESEARCH & PUBLICATION

MARKET SURVEY & PESTEL ANALYSIS

PRODUCTION & COMMERCIALIZATION

SOCIAL ENTERPRISE & GREEN TECHNOLOGY

OUR CAPABILITIES

TRAINING & ADVISORY

BUSINESS MODEL CANVAS & BUSINESS PLAN

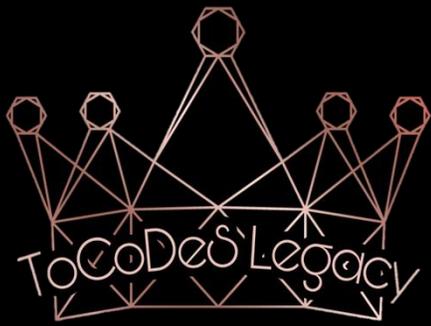
OUR INVOLVEMENT IN FRESHWATER LOBSTER PRODUCTION - GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS) PROJECT

ISLAMIC JOINT VENTURE PROJECT

RISK MANAGEMENT

COMMUNITY ENGAGEMENT

PROJECT MANAGEMENT



TECHNICAL REPORT

FEASIBILITY STUDIES, SWOT & PESTEL ANALYSIS

SOCIAL ENTERPRISE & GREEN TECHNOLOGY

OUR CAPABILITIES

TRAINING & CONSULTANCY

PRODUCT IDEATION & COMMERCIALIZATION

OUR INVOLVEMENT IN *KAJIAN KEBOLEHLAKSANAAN (FEASIBILITY STUDY)*
PROJEK BERSEPADU PEMBANGUNAN EKONOMI KAMPUNG (PROSPEK)
DAERAH NABAWAN, SABAH

COMMUNITY ENGAGEMENT

STRATEGIC MANAGEMENT

PROJECT MANAGEMENT





OUR PORTFOLIO

ON 9 DECEMBER 2019, MOA TERAJU-UiTM WAS SIGNED TO PERFORM A PROJECT CALLED FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS).

OUR PORTFOLIO

ON 16 DECEMBER 2019,
THE FLP-GAPS PROJECT
WAS COVERED BY RTM1 IN
A SLOT ENTITLED 'KAMI
BAH INI'.



SIARAN TV1, ISNIN 4:05 PETANG
SIARAN TV OKEY, ISNIN 11:00 MALAM



16
DISEMBER
2019
(ISNIN)



PROF MADYA DR ROZITA
@UJI MOHAMMED
KETUA SIG-TOCODES UiTM
CAWANGAN SABAH



DANG MAR EZZAH
ARTIS UNDANGAN



CHRISTIANNE GOONTING
DEMO - KRAF UPCYCLE DISK

OUR PORTFOLIO

STARTING IN FEBRUARY 2020 UNDER OUR TEAM, THERE ARE 11 KEY PERSONNEL. A MIXTURE OF 4 LECTURERS, 1 MANAGER AND 6 SUPERVISORS TO TAKE CARE OF ALL THE 6 WORKSTATIONS.



*Pelaksana, Pengurus & Penyelia
Freshwater Lobster Production - Green
Aquaponics Perennial System*



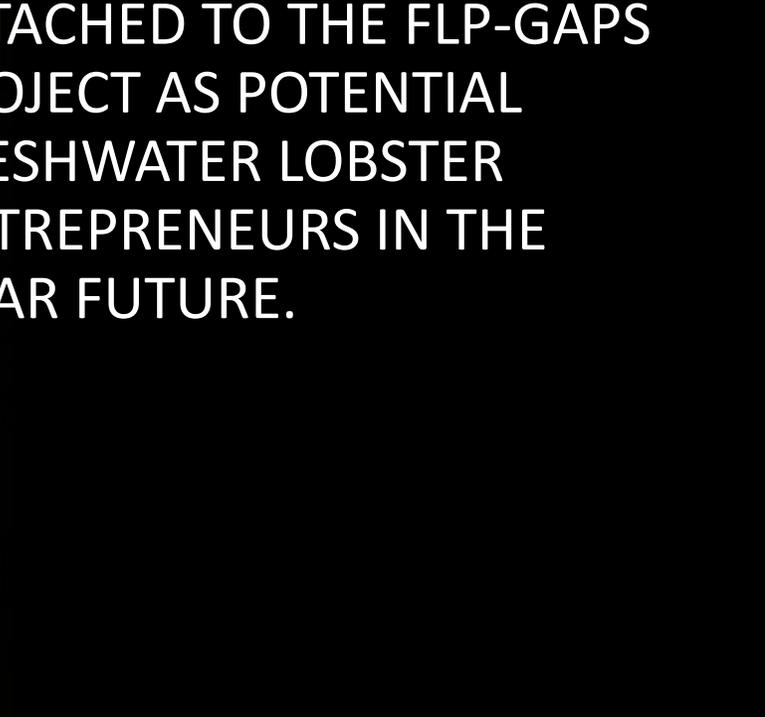
TERAJU



UNIVERSITI
TEKNOLOGI
MARA

OUR PORTFOLIO

SINCE FEBRUARY 2020, 30 PARTICIPANTS HAVE BEEN ATTACHED TO THE FLP-GAPS PROJECT AS POTENTIAL FRESHWATER LOBSTER ENTREPRENEURS IN THE NEAR FUTURE.



*KG. TRAYONG DITUKAR KE KG. SHABANDAR



CEO TERAJU



CEO INSTITUT MASA

PENUBUHAN MINI INKUBATOR TERNAKAN LOBSTER AIR TAWAR (MITLAT) DI UiTM CAWANGAN SABAH UNTUK LAWATAN AKADEMIK, PENYELIDIKAN, PENEMPATAN *INTERND* DAN KURSUS *HANDS-ON* 2020/21



ROZIE TIMES

24-25 MAR 2022

Prof. Datin Ts. Dr. Hajjah Roziah Mohd. Jaffar Vice-Chancellor

A GETTING TO KNOW WALKABOUT TOUR TO UiTM SABAH BRANCH



ROZIE TIMES

24-25 MAR 2022

Prof. Datin Ts. Dr. Hajjah Roziah Mohd. Jaffar Vice-Chancellor

A GETTING TO KNOW WALKABOUT TOUR TO UiTM SABAH BRANCH



OUR PORTFOLIO

ON 18 JUNE 2020, THE OPENING OF 'MINI INKUBATOR TERNAKAN LOBSTER AIR TAWAR' (MITLAT) AT UNIT LADANG UiTM SABAH BRANCH AS A PLATFORM FOR R&D, PRACTICAL TRAINING & ACADEMIC VISIT.

OUR PORTFOLIO

IN JULY 2020 (REVISED 2021), THE STANDARD OPERATING PROCEDURE (SOP) FOR FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS) WAS COMPLETELY DESIGNED FOR INTERNAL & EXTERNAL USERS.



STANDARD OPERATING PROCEDURE (SOP)
FRESHWATER LOBSTER PRODUCTION -
GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS)

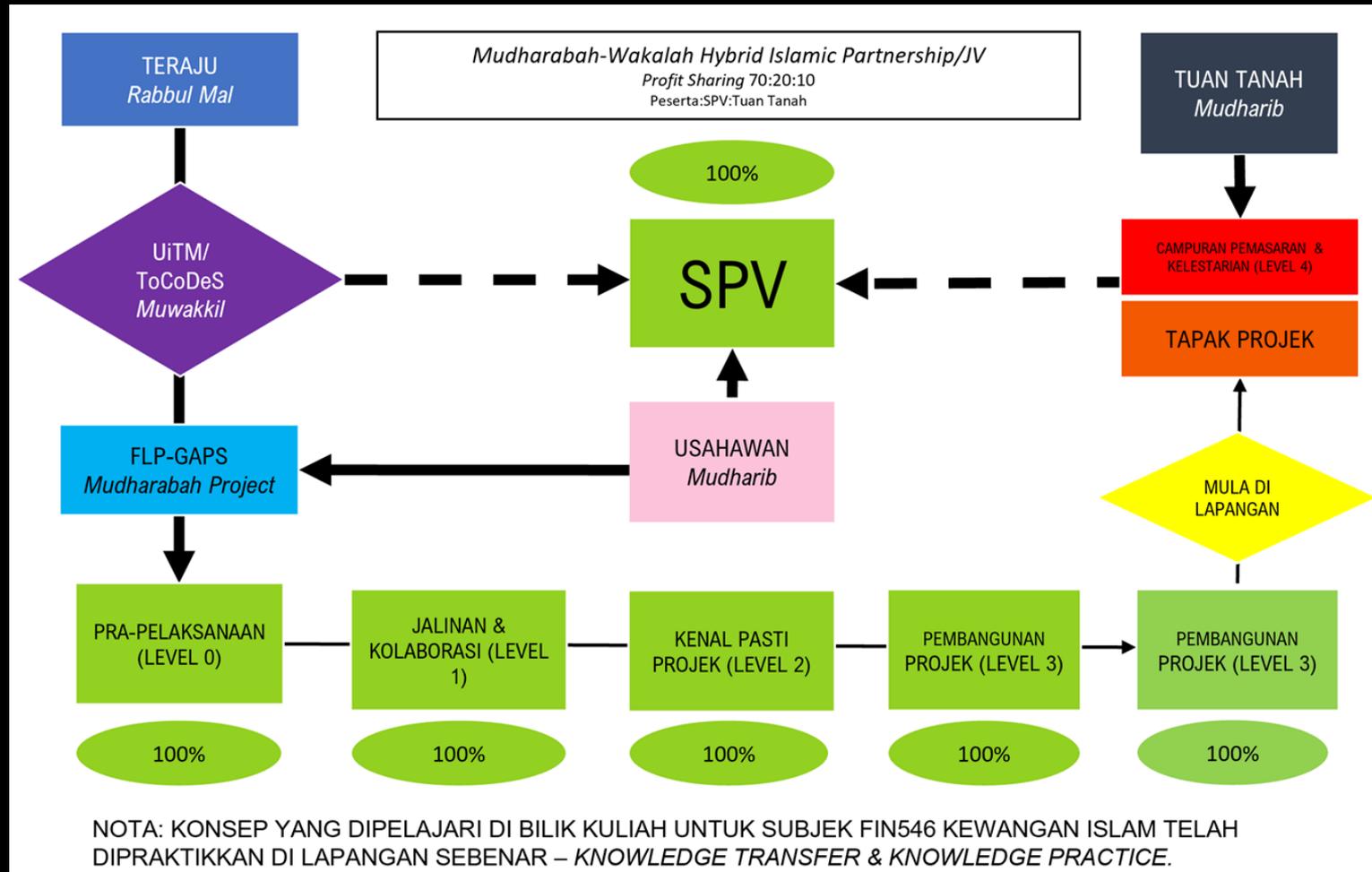


DISEDIAKAN OLEH:
SPECIAL INTEREST GROUP- TEAM OF COMMUNITY
DEVELOPMENT STUDIES (SIG-ToCoDeS)
UNIVERSITI TEKNOLOGI MARA CAWANGAN SABAH
AKADEMIA MEMACU KOMUNITI LESTARI

2021

OUR PORTFOLIO

IN OCTOBER 2021, AN ISLAMIC JOINT VENTURE WAS INTRODUCED AMONG PARTNERS OF THE FLP-GAPS PROJECT. IT MEANS NO LAND RENTAL WAS CHARGED BY THE 7 LANDLORDS.





OUR PORTFOLIO

ON 9 DECEMBER 2020, 7 AGREEMENTS WITH THE LANDLORDS OF THE FLP-GAPS PROJECT WERE SIGNED AND SEALED FOR 5 YEARS DURATION OF TIME.

TAHNIAH & SYABAS

SIG ToCoDes UiTM CAWANGAN SABAH

Diatas

Agihan Hasil Projek Perundingan Sebanyak
RM30,000

Kepada

UiTM Cawangan Sabah

ikhlas Daripada

Rektor, Pengurusan Eksekutif Negeri,
dan seluruh warga UiTM Cawangan Sabah

OUR PORTFOLIO

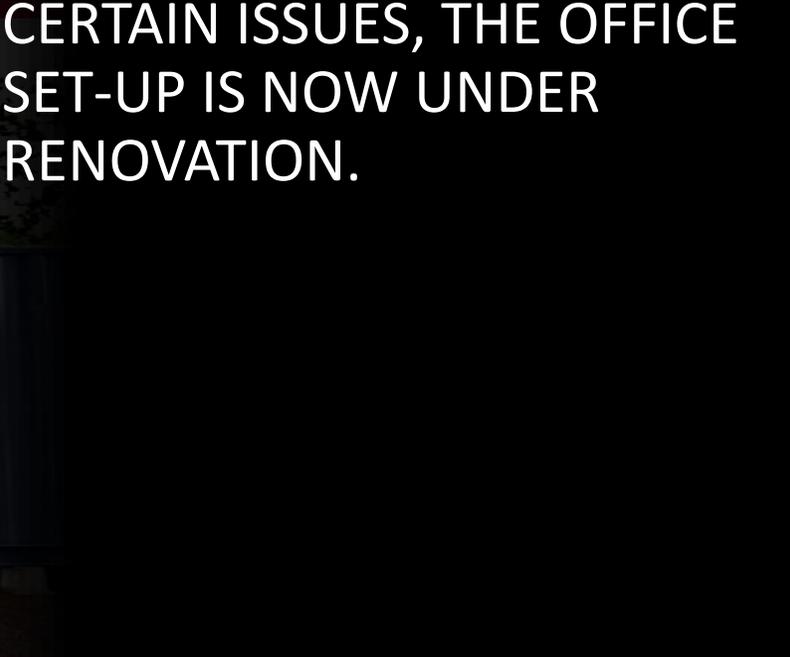
IN DECEMBER 2020, SIG-ToCoDes CONTRIBUTED RM30,000 TO CONSULTANCY FUND. IT WAS OBTAINED FROM THE PROJECT FRESHWATER LOBSTER PRODUCTION-GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS).



OUR PORTFOLIO

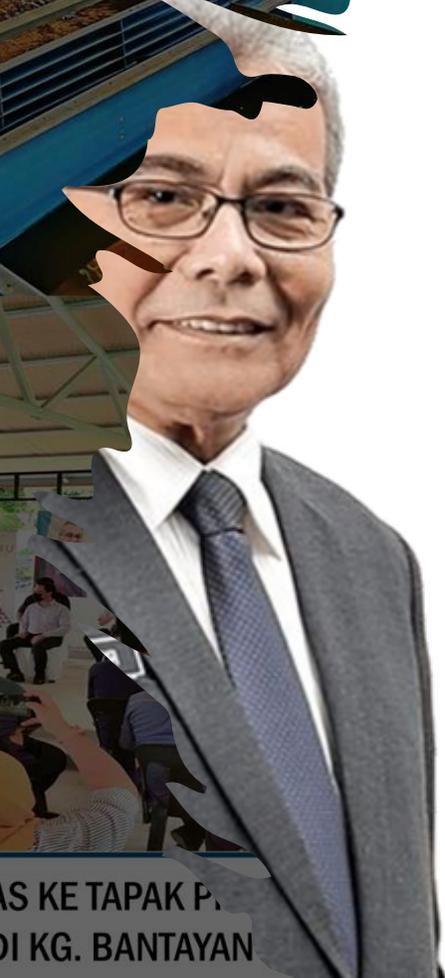
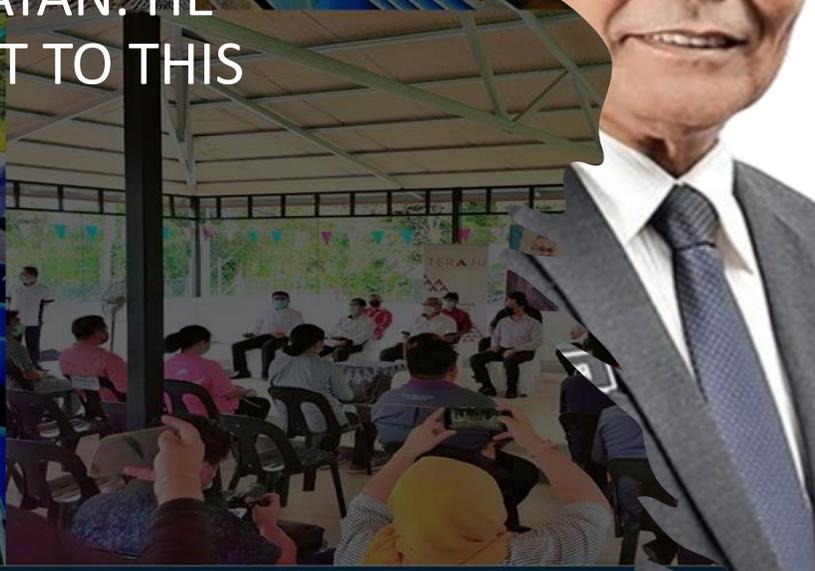
IN JANUARY 2021, OUR PUSAT PENTADBIRAN FLP-GAPS WAS COMPLETELY SET UP. HOWEVER, DUE TO CERTAIN ISSUES, THE OFFICE SET-UP IS NOW UNDER RENOVATION.

PENEMPATAN PUSAT PENTADBIRAN FLP-GAPS DI UiTM CAW. SABAH (SIAP SEPENUHNYA)



OUR PORTFOLIO

ON 22 MARCH 2021, YB DATUK SERI MOHD REDZUAN MD YUSOF HAD A WORK VISIT TO ONE OF THE HATCHERIES, KG. BANTAYAN. HE GAVE HIS FULL SUPPORT TO THIS PROJECT.



TERAJU BERSAMA KOMUNITI SEMPENA LAWATAN KERJA KE TAPAK PROJEK TERAJU
FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS)
DI KG. BANTAYAN (22 MARCH 2021)

TERAJU
PENERAJU BUMIPUTERA



SELAMA

**YB DATUK SERI MOHD REDZUAN MD YUSOF
MENTERI DI JABATAN PERDAGANGAN, KEMENTERIAN PERINDUSTRIAN
BERSEKUTUAN DAN KEMENTERIAN PERTANIAN, HALIHAYAT DAN
PERUMAHAN**

**KE TAPAK PROJEK FLP – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS)
DI KG. BANTAYAN
PADA 22 MARCH 2021
BERSAMAAN 8 SUTERA**

YB DATUK SERI MOHD REDZUAN MD YUSOF
MENTERI DI JABATAN PERDAGANGAN, KEMENTERIAN PERINDUSTRIAN BERSEKUTUAN DAN KEMENTERIAN PERTANIAN, HALIHAYAT DAN PERUMAHAN
BERSAMA SUTERA TERAJU SEMPENA LAWATAN KERJA YB MENTERI TUGAS-TUGAS KHAS KE TAPAK PROJEK TERAJU FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS) DI KG. BANTAYAN



FARM TOKOU & KO-NELAYAN SABAH



OUR PORTFOLIO

IN APRIL AND DECEMBER 2021, THE ACADEMIC VISITS TO FARM TOKOU AND KO-NELAYAN SABAH WERE DONE TO LEARN FROM THE INDUSTRIES AND SEEK FOR OPPORTUNITIES FOR COLLABORATION & SUPPLY CHAIN PURPOSES.

OUR PORTFOLIO

IN JUNE 2021, ALL 6 WORKSTATIONS OF FLP-GAPS WERE COMPLETELY BUILT UP AND READY FOR ELECTRICITY & WATER SUPPLIES. IN SEPTEMBER 2022, HATCHERY IN KG. KAYU MADANG WAS FULLY OPERATED FOLLOWED BY KG. RATAU, KG. DUVANSON, KG. BANTAYAN, KG. MUHIBBAH AND LASTLY KG. SHABANDAR.

FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS) – PUSAT HATCHERI/WS

KELUASAN BANGUNAN TAPAK PROJEK FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS)



KG. DUVANSON, PUTATAN
50'(W) X 60'(L)



KG. BANTAYAN, TAMPARULI
50'(W) X 60'(L)



KG. RATAU, SEPANGGAR
50'(W) X 60'(L)



KG. KAYU MADANG,
TELIPOK
50'(W) X 60'(L)



KG. MUHIBBAH, PETAGAS
20'(W) X 60'(L)



KG. SHABANDAR, TUARAN
35'(W) X 45'(L)



WATER BORE PROCESS – MENYELESAIKAN MASALAH AIR DI WS6 KG. SHABANDAR (2021/22)



OUR PORTFOLIO

IN JULY 2021, WE SETTLED THE WATER SUPPLY PROBLEM IN WORKSTATION 6 i.e., KG. SHABANDAR BY DOING THE WATER BORE PROCESS.

Selamat Datang

YAB DATUK SERI PANGLIMA HAJI HAJIJI HAJI NOOR
KETUA MENTERI SABAH

Sempena Lawatan Kerja ke Tapak Projek FLP-GAPS

Kg. Shabandar

Pada 21 Ogos 2021



LAWATAN KERJA YAB DSP HAJI HAJIJI HAJI NOOR KE
PRODUCTION - GREEN AQUAPAONICS PE

OUR PORTFOLIO

ON 21 AUGUST 2021, YAB DATUK SERI PANGLIMA HAJI HAJIJI HAJI NOOR HAD A WORK VISIT TO ONE OF THE HATCHERIES, KG. SHABANDAR. HE GAVE HIS FULL SUPPORT TO THIS PROJECT.



OUR PORTFOLIO



SURUHANJAYA KOPERASI MALAYSIA

Pejabat Wilayah Pantai Barat-Selatan, Suruhanjaya Koperasi
Malaysia Negeri Sabah, Kompleks PULAKOP, Lot 573, KM 25 Jalan
Papar Baru, Peti Surat 569
89608 Papar, Sabah
Laman Web: www.skm.gov.my



Rujukan: SKM.H:154(KK)/05/05.JLD.52()

Tarikh: 24/09/2021

Jawatankuasa Penaja
KOPERASI PEMBANGUNAN KOMUNITI USAHAWAN LOBSTER SABAH BERHAD (Prapendaftaran)
Surail Abdul Kahar @ Eting (741220-12-5007)
Pejabat Koperasi Tocodes,
UTM Cawangan Sabah, Beg Berkunci 71
88997 Kota Kinabalu,
Sabah

Tuan/Puan

**AKUAN TERIMA PERMOHONAN PRAPENDAFTARAN KOPERASI
KOPERASI PEMBANGUNAN KOMUNITI USAHAWAN LOBSTER SABAH BERHAD
(Prapendaftaran)**

Dengan hormatnya saya merujuk kepada permohonan dalam talian daripada pihak tuan bertarikh
24/09/2021 berkaitan perkara di atas.

2. Sukacila dimohon pihak tuan mengemukakan kertas kerja permohonan prapendaftaran koperasi untuk lindungan selanjutnya. Kertas kerja tersebut perlu mengandungi perkara-perkara seperti berikut:-
 - 2.1.1 nama koperasi, alamat dan nama jawatankuasa penaja;
 - 2.1.2 visi, misi dan objektif pendaftaran koperasi;
 - 2.1.3 kumpulan sasaran anggota koperasi;
 - 2.1.4 kawasan operasi koperasi;
 - 2.1.5 taburan anggota (untuk kawasan operasi melebihi satu negeri);
 - 2.1.6 rancangan perniagaan koperasi;
 - 2.1.7 unjuran kewangan untuk tempoh 12 bulan;
 - 2.1.8 analisa SWOT; dan
 - 2.1.9 senarai bakal anggota koperasi (sekurang-kurangnya 20 orang).
3. Suruhanjaya akan menjemput pihak koperasi ke sesi konsultasi pendaftaran koperasi setelah menerima dokumen-dokumen seperti yang tersebut di para 2 di atas. Walaubagaimanapun, permohonan prapendaftaran koperasi akan terbatal dengan sendirinya jika suruhanjaya tidak menerima dokumen tersebut dalam tempoh empat belas (14) hari daripada tarikh surat ini.

Peneraju Kecemerlangan Koperasi
Tel: 088 755646 | Faks: 088 754017

4. Sekiranya
berhubung teru
telefon 088

Sekian, terim

"WAWA

(MAY
Pengar
Sur

SEPTEMBER 2021, A COOPERATIVE ENTITY
CALLED AS KOPERASI PEMBANGUNAN KOMUNITI
USAHAWAN LOBSTER SABAH BERHAD WAS
ESTABLISHED. IT IS THE FIRST IN SABAH. IT WAS
ESTABLISHED FOR DEVELOPMENT AND
SUSTAINABILITY PURPOSES.



MITLAT BERTEMPAT DI UNIT LADANG SEBAGAI PUSAT LATIHAN KEPADA PARA ALUMNI, PELAJAR, WARGA UNIVERSITI, AGENSI, NGOs, INDUSTRI DAN KOMUNITI SETEMPAT SECARA HANDS-ON & INTENSIF 2020/22



OUR PORTFOLIO

IN 2021, NOT ONLY MITLAT BUT 6 FLP-GAPS HATCHERIES ARE THE PERFECT PLACES TO DO THE KNOWLEDGE TRANSFER TO THE AGENCIES, LOCAL COMMUNITY, ALUMNI & STUDENTS.



Cawangan Sabah

SETINGGI-TINGGI *Tahniah*



**PROFESOR MADYA DR. ROZITA @ UJI MOHAMMED (PENULIS UTAMA),
CYRIL SUPAIN @ CHRISTOPHER,
PROFESOR MADYA TS. DR. HENDRY JOSEPH DAN
SURAIL ABDUL KAHAR @ ETING**

*Atas penerbitan bab dalam buku
Freshwater Lobster Production-Green Aquaponics Perennial System (FLP-GAPS):
A Green Community-Based Social Enterprise (CBSE) for B40 in Sabah
(Edisi Khas Springer Green Infrastructure)*

Ikhlaskan daripada
Rektor & Pengurusan Eksekutif Tertinggi dan Seluruh Warga UiTM Cawangan Sabah

sabah.utm.edu.my/v2/ facebook.com/UiTMCawanganSabah [utm_sabah_official](https://instagram.com/utm_sabah_official)



OUR PORTFOLIO

IN JANUARY 2022, THE PUBLICATION ENTITLED FRESHWATER LOBSTER PRODUCTION-GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS): A GREEN COMMUNITY-BASED SOCIAL ENTERPRISE (CBSE) FOR B40 IN SABAH WAS FEATURED IN THE SPECIAL EDITION OF SPRINGER GREEN INFRASTRUCTURE.



Menyerlahkan Potensi
Membentuk Masa Hadapan

UiTM *di hariba*

OUR PORTFOLIO

IN THE ARTICLE (2022), OUR MODEL NAMED GREEN COMMUNITY-BASED SOCIAL ENTERPRISE WAS INTRODUCED AND PUBLISHED.

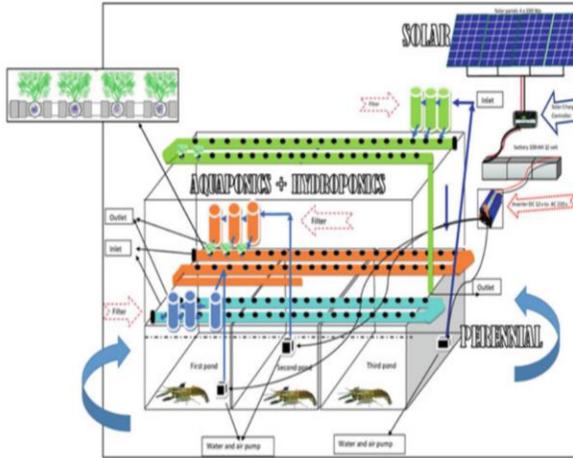


Fig. 5 FLP-GAPS model. Source SIG-ToCoDeS (2021)

NOTE: GREEN STANDS FOR ORGANIC, ISLAMIC, RECYCLED RESOURCES, AND ENVIRONMENTAL FRIENDLY.

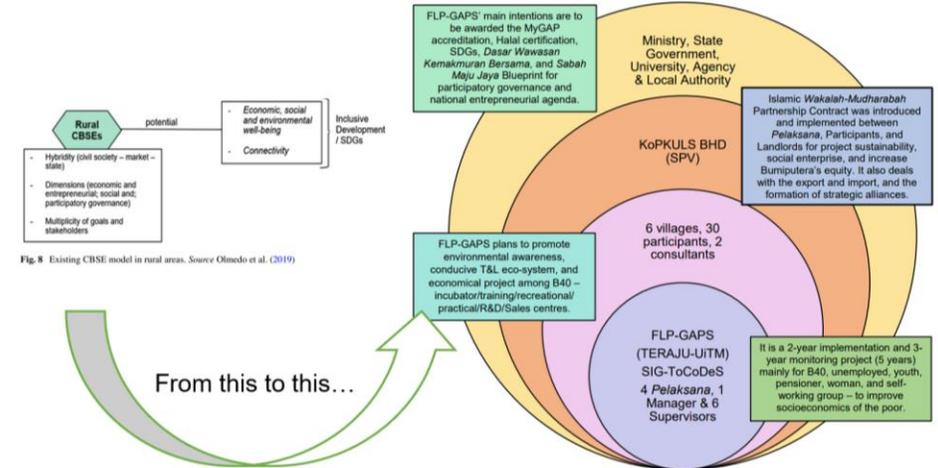


Fig. 10 The Holistic Interconnectivity of Green CBSE under the FLP-GAPS. Source SIG-ToCoDeS (2021). Note After the 3 years of execution of the project (2020-2023), the FLP-GAPS will be continued completely by the KoPKULS, of which the members are among the *pelaksana* (SIG-ToCoDeS), manager, supervisors, participants, landlords, freshwater lobster Small Medium Enterprise (SME) operators, individuals, and whoever have interest in the freshwater lobster/aquaculture farming

OUR PORTFOLIO

ON 19 MAY 2022, FRESHWATER LOBSTER PRODUCTION – GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS) PROJECT WAS AWARDED AS THE BEST UiTM PROJECT UNDER THE AWARD – ‘PROJEK KOLABORASI KOMUNITI BAGI PENJANAAN DANA TERBAIK/JARINGAN INDUSTRI’.



OUR PORTFOLIO



Percepatkan proses molting dan pembersihan badan Karu Air Tawar (LAT).

**WORK IN
PROGRESS**

MIRACLE MICROORGANISMS FORMULA
TL-MMF

STARTING **SEPTEMBER 2022**, TL-MMF IS OUR R&D PRODUCT THAT IS STILL UNDER EXPERIMENT AND WILL BE INTRODUCED IN Q4 2023 ONCE THE PROCESS OF VERIFICATION IS DONE COMPLETELY.

MIRACLE ORGANISMS FORMULA TL-MMF

VALUE PROPOSITION Tawaran Nilai

1. Menggalakkan air yang bersih.
2. Mempercepatkan tumbesaran ternakan bercengkerang.
3. Menjimatkan penggunaan air.
4. Membekalkan larutan oksigen mencukupi.
5. Mengurangkan risiko LAT berpenyakit.
6. Menghadkan kadar kematian LAT.
7. Menstabilkan paras pH air dan ammonia.

UNIQUE SELLING POINTS USP

1. Khidmat konsultansi/hands-on percuma.
2. Kuantiti ikut tempahan pelanggan B2N & B2C.
3. Penentuan harga pelbagai mengikut kesesuaian – Harga Borong (untuk *mass sales*), Harga Teroka (untuk *start-up*), Harga Bermusim (untuk *occasion* tertentu), dll.
4. **SECRET TRADE** unik berbanding produk sedia ada – produk alternatif yang lebih kos efektif dan menggunakan bahan setempat/sisa buangan yang sedia ada.

OUR PORTFOLIO

ON 2 SEPTEMBER 2022, 2
BUSES WERE APPROVED BY
THE UiTM SABAH
MANAGEMENT FOR SOCIAL
ENTREPRENEURSHIP
PROJECT.





Ruj. Tuan : 112/SIG-ToCoDeS/2022
Ruj. Kami : 300-UITM (NC.11/11)
Tarikh : 17 November 2022

Prof. Madya Dr. Rozita @ Uji Mohammed ADK MFA AICB
Ketua SIG ToCoDeS
Universiti Teknologi MARA Cawangan Sabah
Beg Berkunci 71
88997 Kota Kinabalu
SABAH

السلام عليكم ورحمة الله وبركاته

Puan

KELULUSAN PEMBELIAN TERUS KENDERAAN (VAN) UNTUK KEGUNAAN PROJEK FRESHWATER LOBSTER PRODUCTION - GREEN AQUAPONICS PERENNIAL SYSTEM (FLP-GAPS) MENGGUNAKAN DANA PEMBANGUNAN USAHAWAN BUMIPUTERA (DPUB) TERAJU

Dengan hormatnya surat puan bertarikh 03 November 2022 dirujuk.

2. Setelah diteliti, dimaklumkan bahawa YD... Naib Canselor **meluluskan** permohonan puan bagi pembelian... anakan peruntukan daripada Dana Pembangunan... hi dari pihak TERAJU. Mohon puan sum... ankuasa Bajet Pembangunan da...

3. Pihak kam... sebagaimana ya... sedang berkuat...

Sekian, terima...

"WAWASA...

"BERKHID...

Saya yang r...

(DR. WAN ISM...

Timbalan Penda...

b.p Naib Canselor

Nadia/pembelian/mydoc

40...

Tel: +603 5544 2030/2223

Faks: +603 5544 2030/2223



APPROVED



OUR PORTFOLIO

ON 17 NOVEMBER 2022, WE RECEIVED APPROVAL FROM THE VICE CHANCELLOR TO PURCHASE A SECOND-HAND VEHICLE (VAN) FOR OPERATIONAL PURPOSES.



OUR PORTFOLIO

IN APRIL 2022, A VISIT WAS DONE TO THE FRESHWATER LOBSTER (FWL) FARM LOCATED IN KG. LIMPASU ULU BONGAWAN. IT WAS MORE ABOUT LOOKING FOR A POTENTIAL SUPPLIER FOR OUR PROJECT, FLP-GAPS.

#ToCoDeSPrihatin
#kitajagakita
#kitauitm

Freshwater Lobster Production - Green Aquaponics
Perennial System (FLP-GAPS)

Bantuan Bakul Makanan PKPB Peserta FLP-GAPS TERAJU-UITM



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MARA

TERAJU
PENERAJU BUMIPUTERA

OUR PORTFOLIO

OUR CSR PROGRAM NAMED 'BANTUAN BAKUL MAKANAN PKPB PESERTA FLP-GAPS' WAS CREATED TO GIVE MORAL SUPPORT TO OUR PARTICIPANTS DURING THE MCO PERIOD 2020 – 2021. IT WILL BE CONTINUED IN THE FUTURE.

BANTUAN BAKUL MAKANAN PKPB UNTUK 30 PESERTA PROJEK FRESHWATER LOBSTER PRODUCTION AQUAPONICS PERENNIAL SYSTEM SIRI KE-2 TAHUN 2021 (SIRI 1 PADA TAHUN 2020) SEWAKTU PAN





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TERA
PENERAJU BUNIA

OUR PORTFOLIO

COVERAGE OF THE FLP-
GAPS PROJECT WAS
SHOWN ON TV1 'KAMI
BAH INI'.



LIPUTAN BERKAITAN PROJEK FLP-GAPS DI BERITA RTM TV1 & RANCANGAN KAMI BAH

OUR PORTFOLIO

COVERAGE ON THE FLP-GAPS PROJECT REPORTED IN THE NEW STRAITS TIMES.



NEW STRAITS TIMES Celebrating 175

NATION

Lobster farming to uplift B40 family's economic status in Sabah

By Recqueal Raimi
March 23, 2021 @ 9:42am

[WhatsApp](#) [Facebook](#) [Twitter](#) [LinkedIn](#) [+](#)



Lobster farming will become a source of income for B40 families at Kampung Bantayan in Tamparuli here. - STR/ RECQUEAL RAIMI.

NEW STRAITS TIMES Celebrating 175



Lobster farming will become a source of income for B40 families at Kampung Bantayan in Tamparuli here. - STR/ RECQUEAL RAIMI.



Minister in the Prime Minister's department (Special Tasks) Datuk Seri Mohd Redzuan Yusof (third from left) visiting the lobster farm at Kampung Bantayan in Tamparuli. - STR/ RECQUEAL RAIMI.

NEW STRAITS T



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PENERAJU BUMIPUTERA

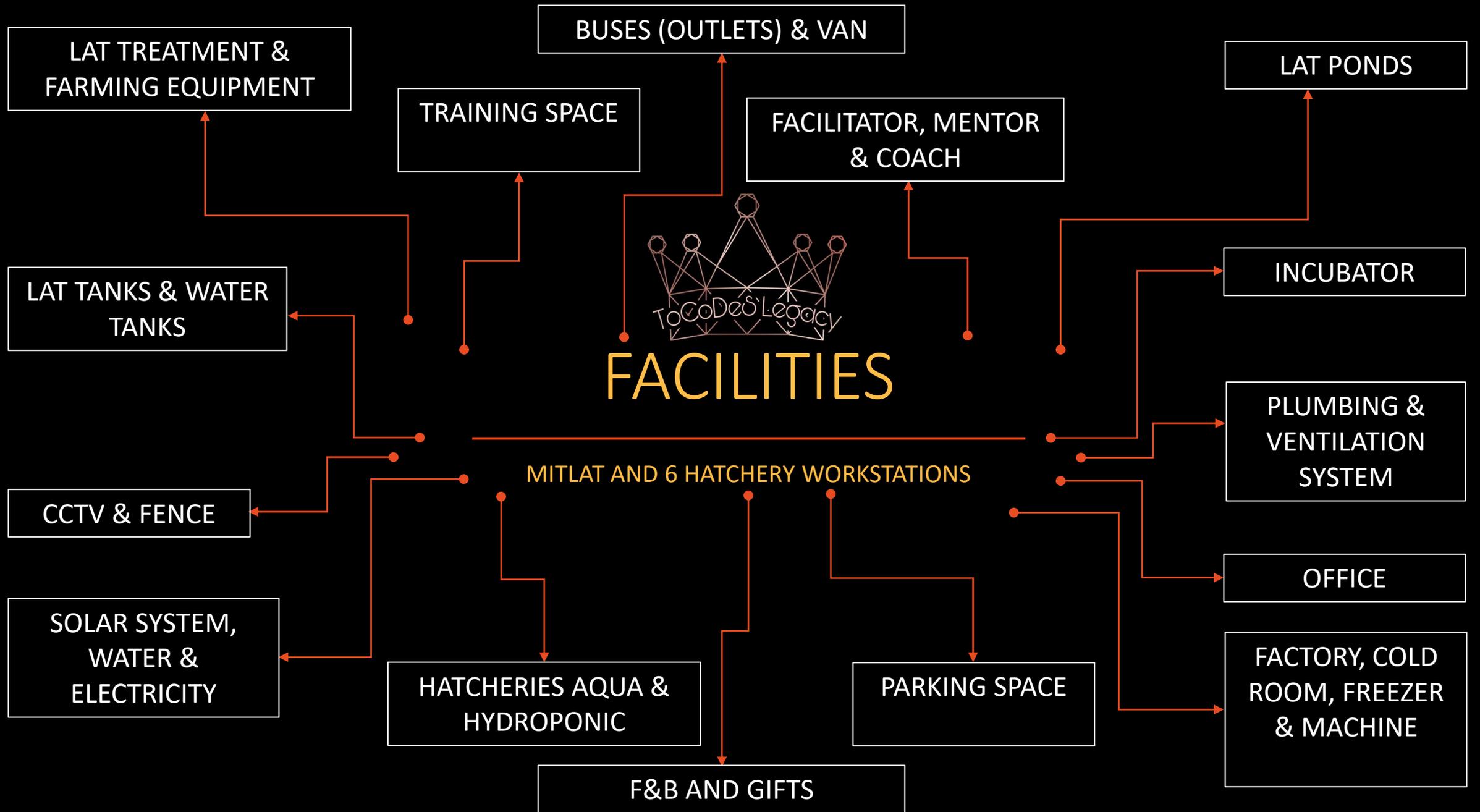
OUR PORTFOLIO

COVERAGE ON THE FLP-GAPS PROJECT REPORTED IN THE NEW STRAITS TIMES.

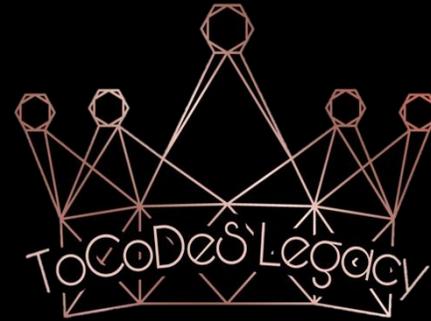


RTM1, DAILY EXPRESS & BERITA HARIAN (2021)

LIPUTAN BERKAITAN PROJEK FLP-GAPS DI AKHBAR-AKHBAR & TELEVISYEN (BERITA RTM TV1)



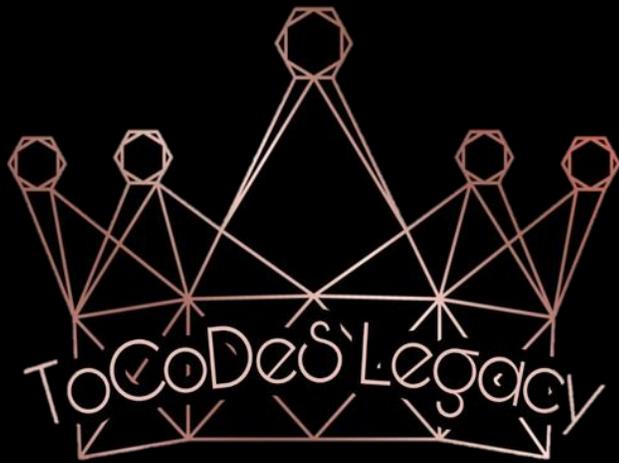
FRESHWATER LOBSTER PRODUCTION-GREEN
AQUAPONICS PERENNIAL SYSTEM (FLP-GAP) |
STARTED IN 2022 | ENDED FEB 2025 (EXTENSION 1
YEAR) | SOURCE FROM TERAJU | RM3.5 MILLION



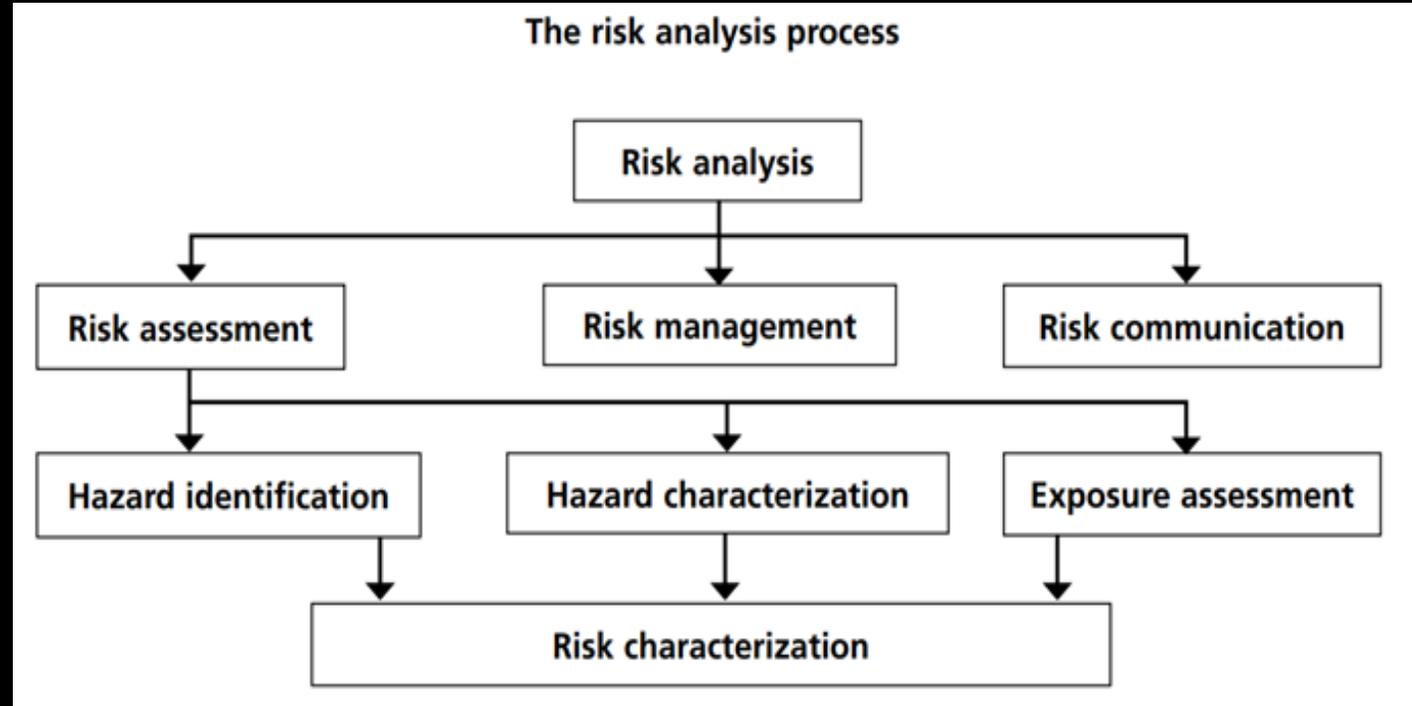
TRACK RECORD

UNDER THE ESTABLISHMENT OF SIG-ToCoDeS &
ToCoDeS LEGACY

KAJIAN KEBOLEHLAKSANAAN (FEASIBILITY STUDY) PROJEK
BERSEPADU PEMBANGUNAN EKONOMI KAMPUNG
(PROSPEK) DAERAH NABAWAN, SABAH | STARTED IN
NOVEMBER 2022 | ENDED JANUARY 2023 (EXTENSION 1
MONTH) | SOURCE FROM SLDB RM 149,700.58



TECHNICAL RISK



- Environmental risks • Weather patterns • Pollution (agricultural chemicals, oil spills, etc.)
- Biological risks • pathogen transfer from wild stocks • predators
- Operational risks • rigid planning for accreditation • poor design • workplace injuries
- Financial risks • market changes • inadequate financing • currency fluctuations • emergence of new competitors
- Social risks • lack of skilled manpower • competition for key resources from other sectors • theft, vandalism & fraud

ToCoDeS LEGACY



Few Producers
Similar products
High Barriers of Entry
Some control over Prices

ToCoDeS LEGACY SWOT ANALYSIS AGAINST FARSHARVEST AQUACULTURE & MYUSTZ AGRICULTURE FARM



FASTHARVEST AQUACULTURE



Strengths

6 INTEGRATED HATCHERIES
WELL-TRAINED TASKFORCE
STRONG REPUTATION

Weaknesses

NEW IN THE MARKET
SHORTAGE WATER SUPPLY
FRAUD/STEALING

Opportunities

LESS SUPPLY MORE DEMAND
HEALTHY PRODUCT
SUPPORT SYSTEM

Threats

EXTERNAL RISK FACTORS
COMPETITION
RULES & REGULATION



MYUSTZ AGRICULTURE FARM



BENCHMARKING



MIRACLE MICROORGANISM FORMULA



ToCoDeS Legacy

Branding



FOOD PACKAGING

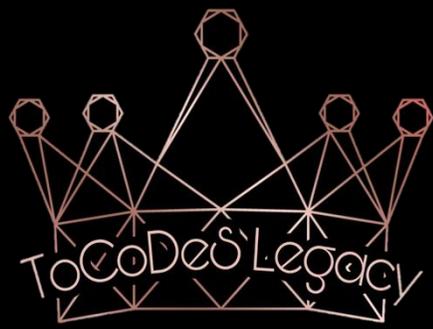


FROZEN FWL

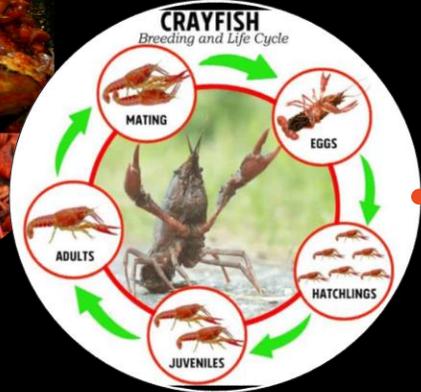


CAFETERIA & GIFTERIA

COOKED FWL

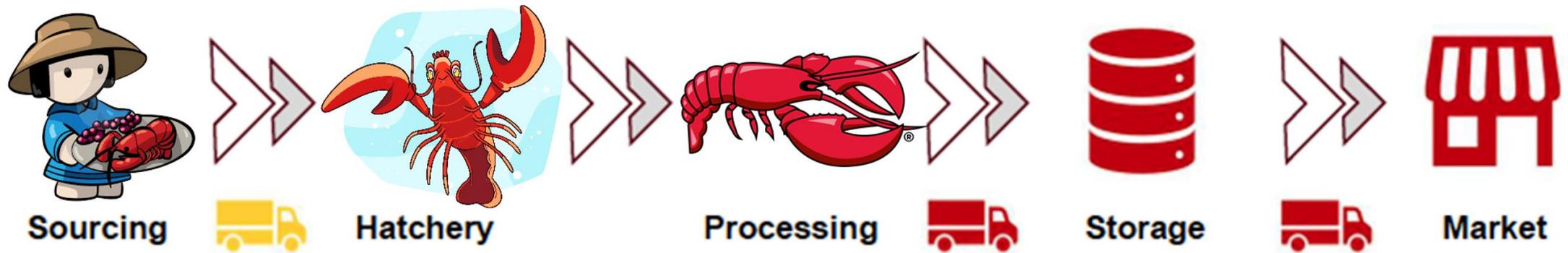


MARKET PRODUCTS

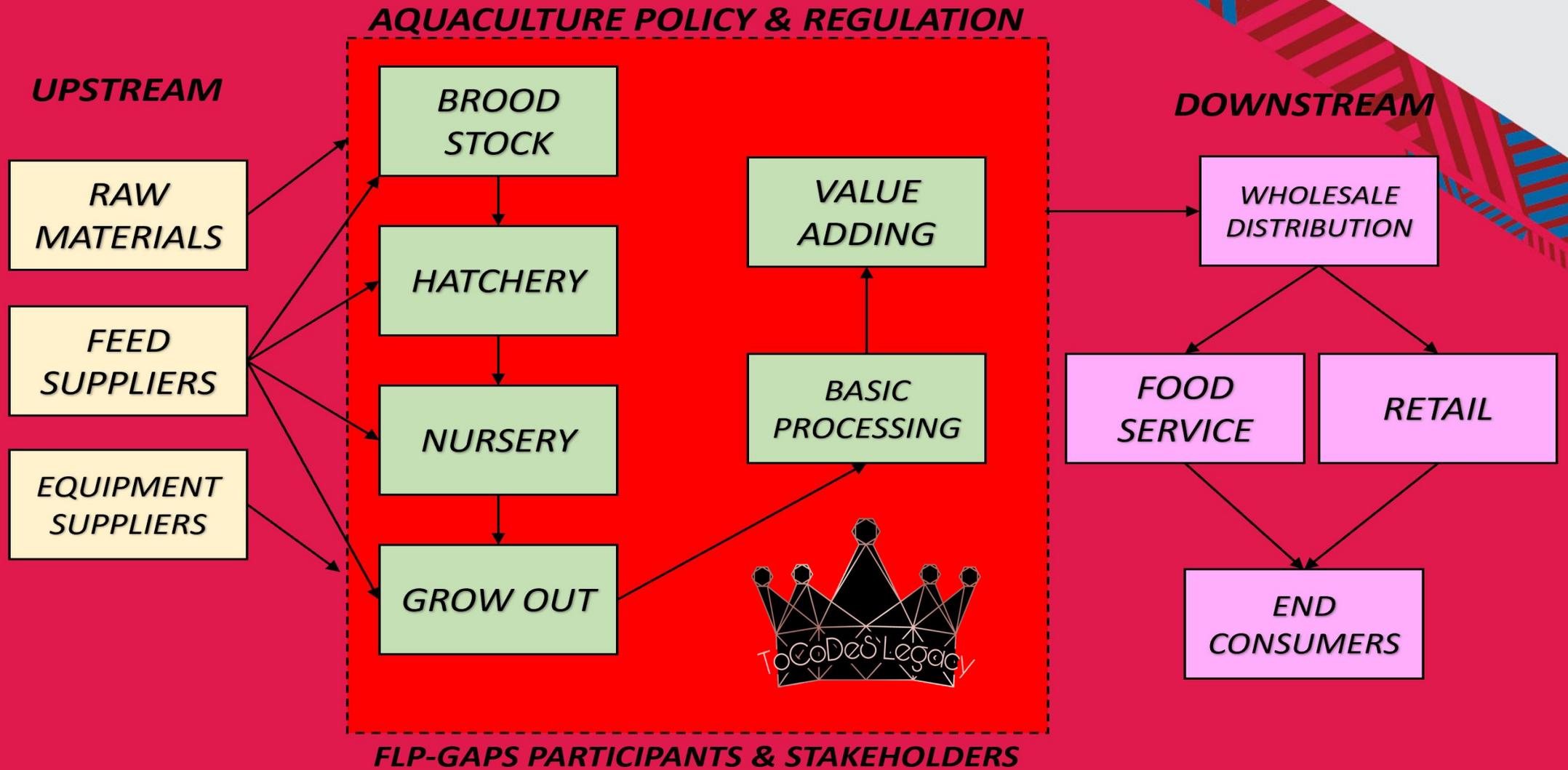


HATCHLINGS
JUVENILES
ADULTS

FLP-GAPS SUPPLY CHAIN

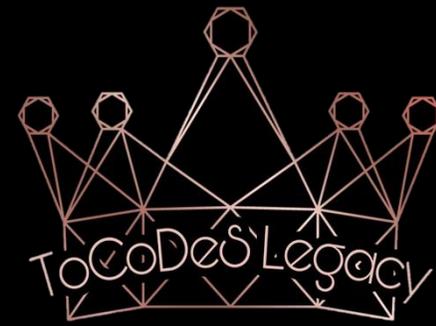


SUPPLY CHAIN



VALUE CHAIN

POTENTIAL PARTNERS & CLIENTS



SAFMA



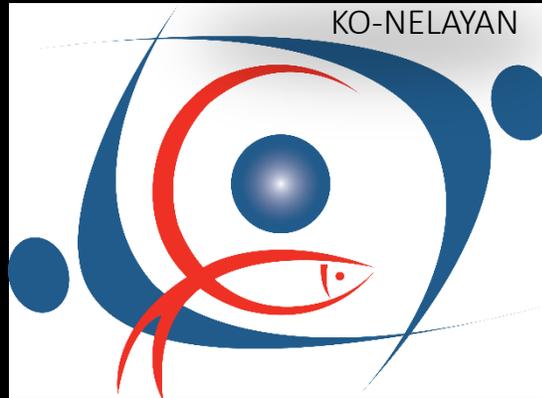
JAB.
PERTANIAN
SABAH



JABATAN
PERIKANAN
SABAH



SLDB



KO-NELAYAN



FASTHARVEST
AQUACULTURE



PIHAK BERKUASA KEMAJUAN PEKEBUN KECIL PERUSAHAAN
RISDA
HELEK ANVYAN

Welcome Seafood Restaurant



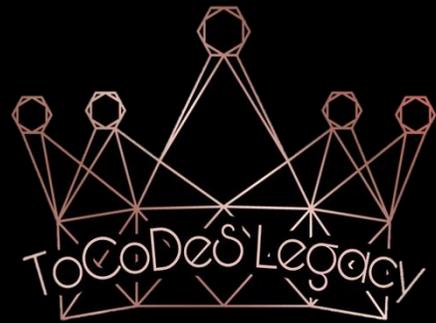
POTENTIAL PARTNERS & CLIENTS





SABAH LAND DEVELOPMENT BOARD, YAYASAN PENERAJU, IKSNITA DAN INISIATIF PENDAPATAN RAKYAT (IPR) SUBDAERAH SEPANGGAR & KIMANIS





THANK YOU

