



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



PATSBER™
PURE AIMS TECHNOLOGIES SDN. BHD.



Smart IoT KIOSK

FOR USED COOKING OIL
COLLECTION

OIL2WANG®



TABLE OF CONTENTS

Introduction	2
Executive Summary	4
Company Overview	5
Strategic Partner	6
Business Description	7
Market Analysis	8
Operating Plan	9
Marketing and Sales Plan	11
Return on Investment	13
Intangible ROI of UCO Kiosks	15
MySTI Certificate	17
MPOB License	18
Sustainable Development Goals (SDGs)	20
Sample Design of Kiosk	21
Kiosk In Field	22
Kiosk O2W In Segamat Ceremony	24
Astro Oasis Programme	25
Oil2Wang Application	26
O2W Kiosk Location	27
Contact Us	28

INTRODUCTION

This business plan is mainly about the purchase of Oil2Wang™ technology for used cooking oil (UCO) collection for biodiesel production.

The Oil2Wang™ business plan is consisting of

- 01 Executive Summary
- 02 Company Overview
- 03 Business Description
- 04 Market Analysis
- 05 Operating Plan
- 06 Marketing and Sales Plan
- 07 Return on Investment (ROI) Model

EXECUTIVE SUMMARY

Oil2Wang™ is an innovation produced and patented at Universiti Teknologi Malaysia (UTM) aimed at making it easier for users, especially the community, to send used cooking oil (UCO) for recycling purposes. Oil2Wang™ was produced from the research and development of several UTM researchers who have diverse expertise backgrounds involving the fields of chemistry, robotics and even architecture. Oil2Wang™ has also been licensed for commercialization to Pure Aims Technologies Sdn. Bhd, a UTM downstream company led by Ts. ChM. Dr. Faizuan Abdullah. In October 2023, Oil2Wang™ had won the Gold and Special Award Community during the 25th Industrial Art & Technology Exhibition (INATEX), and in 2024 Oil2Wang™ won the Gold Medal Award and the Japan Intellectual Properties Association (JIPA) Special Award for Best Environment Innovation.

The development of this technology has also received support and cooperation from the Iskandar Puteri City Council (MBIP) Johor, as well as the Malaysian Petroleum Resources Corporation (MPRC) and the first kiosk has been installed and fully operational at Surau Flora, Taman Pulai Flora Skudai Johor. Government Malaysia has launched an important National Energy Transition Roadmap (NETR) to accelerate our green and sustainable growth agenda. NETR is an important achievement for Malaysia, comprehensively charting our country's trajectory towards a brighter, cleaner and more resilient future. In line with the MADANI Economic framework, it is a declaration of the country's commitment to future generations and proof of our determination to address the pressing challenges of our time.

Every year, nearly 50,000 tons of used cooking oil (UCO) are not managed properly and cause pollution that has a negative impact on the environment that requires high management costs from local authorities. The Klang Municipal Council (MPK) reportedly spent more than RM6 million in 2016 to clear blocked drains caused by cooking oil that had frozen in the pipeline from the house.

Therefore, the community in Malaysia has no choice to manage the sale of UCO, other than relying on biodiesel producing companies to collect the collected UCO without any efficient UCO collection facilities. Therefore, this project offers a new method through the smart and sustainable Oil2Wang™ technology project for the UCO collection process. Thus self-service kiosk operated capable of collecting almost 1 metric ton of maximum UCO. Payment will be made using the IoT method within 24 hours after collection at the kiosk.



OPPORTUNITY

The kiosk offers simple automated systematic UCO collection methods which can be utilized by the biodiesel industry players currently.

MISSION

To install the Oil2Wang™ kiosk at communities throughout Malaysia.

SOLUTION

The Oil2Wang™ kiosk will strategically centralize the collection of UCO with efficient payment system (IoT)

BUSINESS TARGET

MARKET FOCUS

The focus of this Oil2Wan™ technology is for the urban community who are considering the sustainability living style with less waste being produced.

COMPETITIVE ADVANTAGE

Oil2Wang™ is unrivalled against the competitor as it will be the first centralized and smart UCO collection system.

OWNERSHIP

The major owner of this technology is Universiti Teknologi Malaysia (UTM) and exclusively licensed to Pure Aims Technologies Sdn. Bhd. (A UTM Spin Off Company) for commercialization.

COMPANY OVERVIEW

Pure Aims Technologies Sdn. Bhd. is one of the Universiti Teknologi Malaysia spin off company and owned by Ts. ChM. Dr. Faizuan Abdullah with the major share. The company was registered in 2021 and based at 106, Bangunan Pusat Industri, Technovation Park UTM, 81310 Universiti Teknologi Malaysia Johor Bahru, Johor

COMPANY SUMMARY

This company was formed to commercialize the technologies invented by the UTM researchers including Molluscure®, NanoBlast™ and Oil2Wang™.

OPERATIONAL STRUCTURE

Pure Aims Technologies Sdn. Bhd is a start-up company since 2021 and currently have 3 shareholders, 3 executive staffs and 5 expert advisors.

VISION & MISSION

Vision of Pure Aims Technologies Sdn. Bhd. is to be the international technology provider company especially related to green and environmentally friendly innovations and related to food safety.

The mission of Pure Aims Technologies Sdn. Bhd. is to supply, produce and develop green and environmentally friendly technology as well as related to industrial scale food safety and public consumers.

MARKETS & SERVICES

Customers or public users are the main heart of our business and it is also one of the factors on which our company was established. We will formulate all kinds of long-term and short-term strategies in giving satisfaction to our customers when they use our services to help the local community in providing the best products and services.



STRATEGIC PARTNER



BUSINESS DESCRIPTION

A recent study of residents in Pasir Gudang, Johor was reported in the Journal of Critical Reviews in 2020, a survey conducted on used cooking oil among consumers in Pasir Gudang showed that many consumers are unaware that used cooking oil can be recycled. Only 7.6% of consumers recycle their used cooking oil. The remaining 92.4% disposed the UCO into the sink, drain or trash bin

Therefore, the solution to this problem is to have a proper UCO collection system which can be located near the community. The UCO will later be collected by a biodiesel company.

Among the steps that need to be taken by the public prior to sending to OIL2WANG Kiosk is shown in Figure 1. Firstly, the UCO needs to be cooled, filtered and stored in a glass/plastic bottle. When at least 1 KG of UCO has been collected, the UCO can be brought to the collection kiosk.

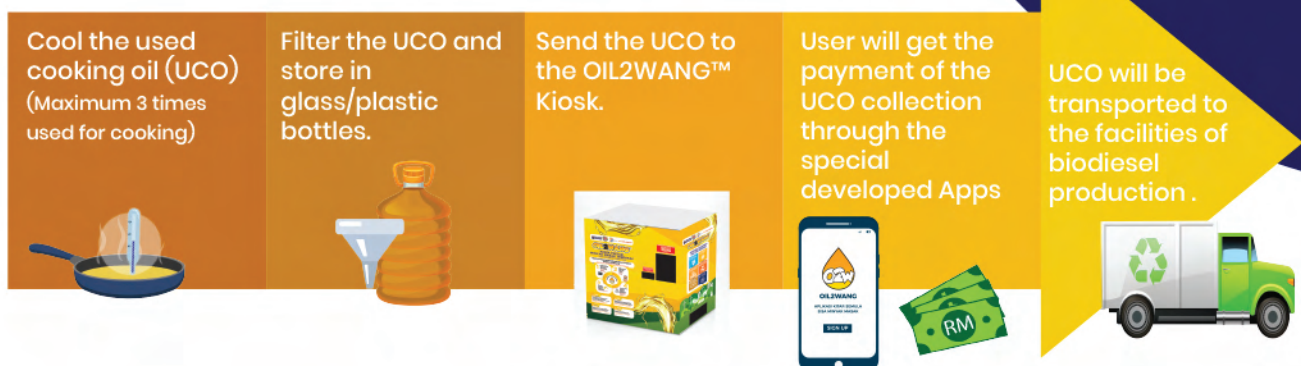


Figure 1: Oil2Wang™ Kiosk Operation Mechanism

MARKET ANALYSIS

Program Sejahtera Komuniti
MADANI (Sejati MADANI)
merupakan inisiatif baharu
Kerajaan MADANI yang bertujuan
untuk merencanakan aktiviti
ekonomi di peringkat komuniti

INDUSTRY TYPE

Biodiesel manufacturing from used cooking oil (UCO) offers an alternative energy source for creating liquid fuels from biomass for a variety of applications. In India, 27 billion liters of cooking oil are consumed annually, of which 1.4 billion liters UCO can be collected from bulk consumers such as hotels, restaurants, and canteens for conversion, yielding approximately 1.1 billion liters of biodiesel.

COMPETITION

All businesses compete in one way or another. In our perspective, the competitors, including Fathopes Energy Sdn. Bhd., Scope Oils Asia Sdn. Bhd. and Evergreen Bioenergy Sdn. Bhd. are the example of the close competitor. They principally engaged in used cooking oil collection in Malaysia.

MARKET SEGMENTATION

Official data from the Malaysian Palm Oil Board (MPOB) shows that in 2020, a total of 378,582 tons of biodiesel were exported, worth RM1.35 billion. Malaysia's biodiesel (palm oil) business will increase rapidly as a result of increased fuel consumption, the ongoing depletion of natural resources, and economic growth. Malaysia's biodiesel production increased at a CAGR of -8.7 percent between 2008 and 2012, but consumption increased at a CAGR of 70.3 percent over the same period. Malaysia's production capacity is still underutilized, and the price of biodiesel was the lowest between 2008 and 2012. Malaysia exported 200 (1000 M tons) of Bio Diesel in 2013, a 590 percent increase from 2012. The latest technology and increased fuel demand are helping the expansion of Malaysia's biofuel business.

SWOT ANALYSIS

A SWOT analysis have been done for the Oil2Wang™ Kiosk business plan. The analysis includes the strengths, weaknesses, opportunities, and threats.

OPERATING PLAN

The operating plan for the Oil2Wang™ is based on 2 technologies which are the UCO collection kiosk and also the Oil2Wang™ mobile application. The process flow of the Oil2Wang™ process described in Figure 2 and the operation is as mentioned below:

- 01** Users must download the Oil2Wang™ Apps and create an account. Creation of account entails users' full name, IC number, address, and bank account information. Know Your Customer (KYC) is also required as financial security requirement by a unique QR code for every user. Users can fully utilize the app and kiosk after KYC is verified.
- 02** At the kiosk, user scans the unique QR code displayed at the Oil2Wang™ Kiosk to certify being in vicinity of the kiosk.
- 03** By scanning the QR code in the app, the system will recognize that there is a user near the kiosk, hereby authorizing for the magnetic inlet door to be opened.
- 04** User gets notification in app to pour the used cooking oil (UCO) into the kiosk via the opened inlet.
- 05** The piping from inlet to intermediary tank is fitted with sieve and filter to make sure only liquid oil enters.
- 06** Upon completion of inserting the oil, the user needs to confirm in the application and the inlet will be closed.
- 07** The intermediary tank is fitted with level-meter and balance, where the added oil will go through a unique density verification process for UCO, by measuring the weight and volume.
- 08** If verified as UCO, the oil will be channelled to the storage tank. Otherwise, it will be channelled to the waste tank.
- 09** If oil is channelled to the waste tank, user will receive a failure notification in the app and the use of the kiosk through that account is suspended. The user will need to contact management to reactivate the account.
- 10** On successful use, the user will get a success notification in the app with the amount of payment that they will receive in the bank account linked to the app account. The user can choose either to collect the payment into personal account or donate the money to the charity bodies listed in the apps.

3 Ways Communication of Oil2Wang Technology

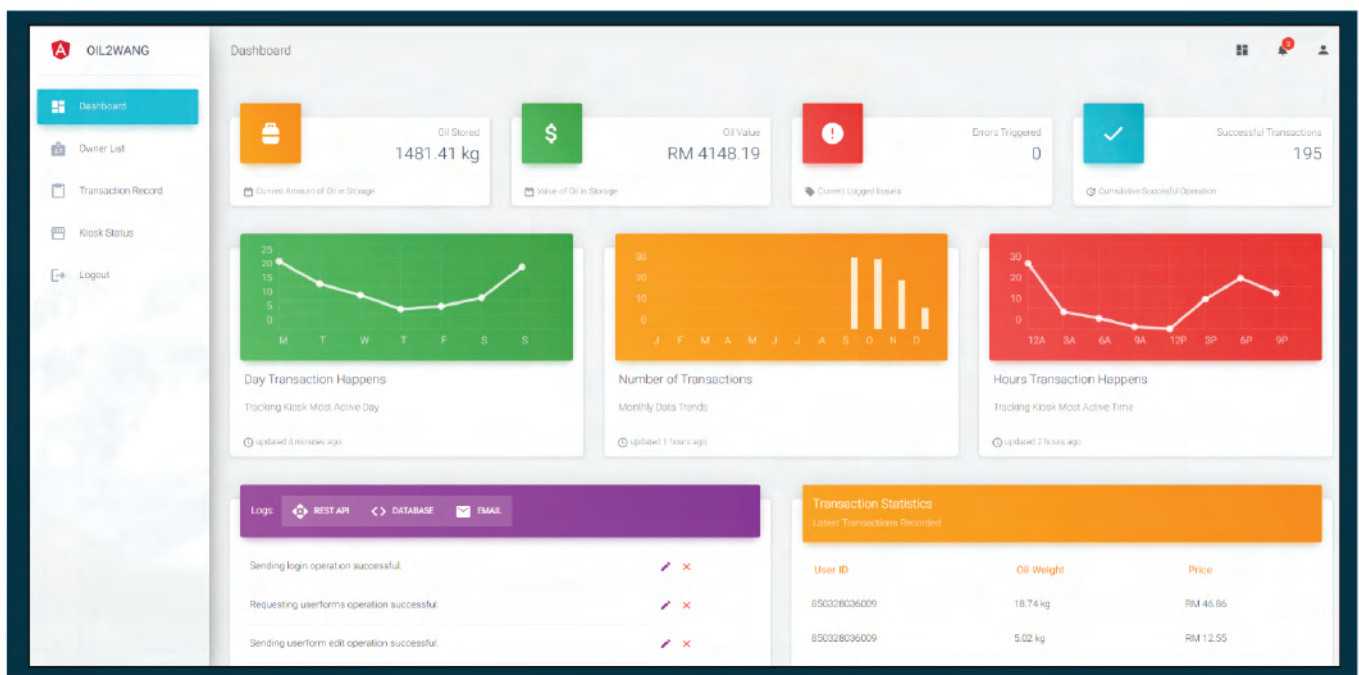


Figure 2: The process flow of the Oil2Wang™ and Online Dashboard Interface

MARKETING & SALE PLAN

Oil2Wang™ kiosks operate for the collection of used cooking oil for commercial purposes to produce green energy such as biodiesel. Continuous advertising for the marketing and sale of used cooking oil through the Oil2Wang™ Kiosk will be done by the company Pure Aims Technologies Sdn. Bhd. Thus, Oil2Wang™ Kiosk owners benefit directly from our sales & marketing plan.



KEY MESSAGES

Promoting the business, whether through generating leads or traffic to a website or store, is one of the most important functions of any business.



MARKETING ACTIVITIES

The following promotion options provide the company the best chance of product recognition, qualified leads, store traffic, and appointments.



SALES STRATEGY

In the company, there is a full-time sale and marketing officer that will handle the direct sale approach and also marketing activities.



- Media advertising (newspaper, magazine, television, radio)
- Digital marketing such as social media, email marketing, SEO, or blogging
- Direct mail
- Word of mouth or fixed signage
- Provide limited free consultations (such as awareness talk on UCO recycle)



- Engagement and strategic partnership with municipal councils (such as Iskandar Puteri City Council (MBIP), Shah Alam City Council (MBSA), Iskandar Malaysia, Ekosetiawangsa and others)
- Engagement and strategic partnership with the UCO collectors and biodiesel industrial player (such as the Association of Used Cooking Oil Development Malaysia or AUCO)
- Seminars or business conferences
- Joint advertising with other companies



CAPACITY	1 Tonne
DIMENSION	2.0 m x 2.0 m x 1.8 m (6.6 ft x 6.6 ft x 5.9 ft)
SUGGESTION AREA	Community Area, Near to Street Market, Restaurants Area

The purchase of an Oil2Wang® Kiosk includes the above 3 aspects for free maintenance in the first year and improvements to the dashboard system and smartphone application are included in the price of the kiosk (according to terms and conditions).

- Customisable
- Self operating kiosk

- Maintenance :**
- Monthly & Emergency,
 - Upgrades to kiosk

- Mobile App
- Data Analysis
- Targeted Advertisement

RETURN ON INVESTMENT (ROI)

Price of UCO buy from user per kg : RM2.50
 Price of UCO sold to exporter per kg : RM3.80
 Profit sales UCO per kg : RM1.30
 Weight UCO collected per month (kg) : 7,000
 Price UCO collected per month : RM9,100.00
 Price UCO collected per year : RM109,200.00

KIOSK PRICE : RM 280,000

ROI : 3 YEARS

Item/Year	Year 1	Year 2	Year 3	Year 4	Year 5
Expenses (RM)					
Capital	280,000.00	172,000.00	72,800.00	-26,400.00	-125,600.00
Maintenance	Free	8,800.00	8,800.00	8,800.00	8,800.00
Site Lease/ Electircity / Overhead	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
Profit (RM)					
Sale of UCO	109,200.00	109,200.00	109,200.00	109,200.00	109,200.00
Gross Margin (RM)	-172,000.00	-72,800.00	26,400.00	125,600.00	125,600.00

RETURN ON INVESTMENT (ROI)

Section 1:	
CAPEX (Year 1 only)	RM280,000.00
Annual Maintenance	RM8,800.00
Annual Overhead	RM1,200.00
Annual Revenue from UCO Sales	RM109,200.00
Discount Rate for NPV	0.1

Section 2: Cash Flow Projections Table						
Year	0	1	2	3	4	5
CAPEX	-RM280,000.00	RM0.00	RM0.00	RM0.00	RM0.00	RM0.00
Revenue	RM0.00	RM109,200.00	RM109,200.00	RM109,200.00	RM109,200.00	RM109,200.00
OPEX	RM0.00	RM1,200.00	RM10,000.00	RM10,000.00	RM10,000.00	RM10,000.00
Net Cash Flow (NCF)	-RM280,000.00	RM108,000.00	RM99,200.00	RM99,200.00	RM99,200.00	RM99,200.00
Internal Return Rate (IRR) each year		-61.43%	-18.15%	4.71%	16.94%	23.90%
Cumulative Cash Flow (CCF)	-RM280,000.00	-RM172,000.00	-RM72,800.00	RM26,400.00	RM125,600.00	RM224,800.00

Section 3: Key Performance Metrics	
Total Net Profit (Over 5 years)	RM224,800.00
Return of Investment after 5 years (ROI)	80.29%
Annualized ROI	12.51%
Payback Period (Years)	2.73
Internal Rate of Return (IRR)	23.90%
True Net Present Value (NPV)	RM104,046.05

INTANGIBLE ROI OF UCO KIOSKS

ADVANTAGE	HOW IT'S ACHIEVED	INTANGIBLE RETURN ON INVESTMENT (ROI)
1. Increased Community Awareness	Kiosks serve as constant, visible reminders and educational touchpoints in public spaces, normalising the practice of recycling UCO.	• Fosters Environmental Stewardship: Cultivates a proactive recycling mindset. • Builds Community Pride & Cohesion: Unites residents under a shared sustainability goal. • Positive Public Image: Brands the community as environmentally conscious.
2. Reduced Sewage System Maintenance	Kiosks divert UCO from being poured down drains, preventing the formation of costly and disruptive "fatbergs" that clog sewer pipes.	• Improved Public Health: Reduces sewer overflows, odours, and risk of waterborne diseases. • Enhanced Municipal Reputation: Signals competent and effective city management. • Resident Peace of Mind: Prevents unpleasant and costly home plumbing backups.
3. Promotion of a Circular Economy	UCO is collected as a valuable feedstock to be converted into new products like biodiesel, SAF or soap, transforming waste into a resource.	• Progressive Community Image: Attracts eco-conscious residents and businesses. • Educational Value: Offers a tangible, real-world example of sustainability in action. • Strengthened Social Capital: Fosters collaboration between residents, businesses, and government.

ADVANTAGE	HOW IT'S ACHIEVED	INTANGIBLE RETURN ON INVESTMENT (ROI)
4. Enhanced Corporate Social Responsibility (CSR)	Businesses that sponsor or host kiosks visibly demonstrate their commitment to environmental sustainability and community welfare.	• Strengthened Brand Loyalty: Attracts and retains customers who value sustainability. • Improved Employee Morale: Boosts pride and engagement among staff. • Positive Media & Investor Relations: Enhances reputation and ESG ratings.
5. Data for Sustainable Urban Planning	Smart kiosks can track collection volumes and frequency by location, providing valuable data on community recycling habits.	• Informed Decision Making: Allows for optimised waste management and resource allocation. • Demonstrates Smart Governance: Showcases an innovative, data driven approach to city management. • Future-Proofing: Provides insights for planning future green initiatives.
6. Improved Public Health & Safety	Kiosks provide a safe, clean, and centralised point for disposing of UCO, preventing improper storage or hazardous dumping.	• Safer Public Spaces: Reduces slippery oil spills on pavements. • Pest Reduction: Eliminates open oil containers that attract rodents and insects. • Reduced Fire Risk: Discourages storing flammable used oil in homes.

MySTI CERTIFICATE



KEMENTERIAN SAINS, TEKNOLOGI DAN INOVASI
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

SIJIL MySTI *MySTI CERTIFICATE*

adalah dengan ini diperakukan :
it is hereby certified that :

Oil2Wang™

yang dikeluarkan / diedarkan / diuruskan oleh :
manufactured / distributed / managed by :

Pure Aims Technologies Sdn. Bhd.

memenuhi syarat-syarat pensijilan barangan dan perkhidmatan
hasil penyelidikan dan pembangunan (r&d) tempatan.
*fulfils the terms and conditions for certification of
local research and development (r&d) products and services.*

Tarikh dikeluarkan / *Issuance date* : 25-March-2024
Sah sehingga / *Valid until* : 25-March-2026
No. siri / *Serial no* : MOSTI/2024/STI202400343

Sijil ini adalah janaan komputer, tiada tandatangan diperlukan.
This is a computer generated certificate hence no signature is required.

Powered by
MRANTI



This certificate is subject to the terms & conditions of MySTI mark and label.
www.mysti.gov.my

MPOB LICENSE



LEMBAGA MINYAK SAWIT MALAYSIA

Malaysian Palm Oil Board

Kementerian Perladangan dan Komoditi
(Ministry of Plantation and Commodities)

Ruj. Tuan / Your Ref.:

Ruj. Kami / Our ref.: Ref2-00130516

19 Mac 2024

PURE AIMS TECHNOLOGIES SDN. BHD.
106, BANGUNAN PUSAT INDUSTRI
TECHNOVATION PARK UTM,
UNIVERSITI TEKNOLOGI MALAYSIA
81310 JOHOR BAHRU, JOHOR.

Peringatan :

Pemegang lesen dikehendaki mengemukakan borang pembaharuan dalam tempoh tidak kurang daripada 1 bulan tetapi tidak awal daripada 3 bulan daripada tarikh habis tempoh lesen bagi mengelakkan sebarang penalti dikenakan. Lesen tidak boleh diperbaharui selepas 3 bulan dari tarikh habis tempoh lesen. Tiada peruntukan rayuan untuk fi lewat dan fi habis tempoh yang dikenakan.

Tuan,

SERAHAN LESEN

Dengan hormatnya saya merujuk kepada perkara di atas.

2. Sukacita dimaklumkan bahawa permohonan tuan Ref2-00130516 telah diluluskan oleh Lembaga. Sila baca panduan pemegang lesen di laman sesawang MyLesen MPOB <http://e-lesen.mpob.gov.my>. berkenaan Pembaharuan Lesen, Syarat-Syarat Am & Khusus Lesen, Penggunaan Rekod Harian dan Penyerahan Penyata Bulanan (kecuali kategori Pengangkutan). Adalah diingatkan bahawa sebagai pemegang lesen, tuan adalah tertakluk kepada syarat-syarat dan peraturan lesen di bawah Peraturan-Peraturan Lembaga Minyak Sawit Malaysia (Pelesenan) 2005.

3. Bersama-sama ini disertakan:

a. Lesen

(Sila pameran di tempat yang mudah dilihat di premis pemiagaan tuan)

b. Borang "Akuan Terima Lesen"

(Sila isi dan kembalikan kepada MPOB dengan segera)

TEGASAN:

Penghantaran penyata bulanan kepada MPOB adalah **WAJIB** di bawah Peraturan 21, Peraturan-Peraturan Lembaga Minyak Sawit Malaysia (Pelesenan) 2005. Untuk pendaftaran penghantaran penyata bulanan secara atas talian melalui sistem e-peniaga MPOB, sila hubungi talian berikut:

03-78022991/03-78022816 (Peniaga Buah Kelapa Sawit), 03-78022824/03-78022816 (Peniaga Minyak Sawit/Isirung Sawit) dan 03-78022916/03-78022820 (Bahan Tanaman Kelapa Sawit).

Sekian, terima kasih.

"MALAYSIA MADANI"

"BERKHIDMAT UNTUK NEGARA"

Saya yang menjalankan amanah

Ketua Pengarah MPOB

s.k.: Ketua Wilayah Selatan

Bahagian Ekonomi & Pembangunan Industri

Notis ini adalah cetakan komputer, tiada tandatangan diperlukan.



SIRIM
CERTIFIED TO ISO 9001:2015
CERT. NO.: QAS 02602



Bahagian Pelesenan dan Penguatkuasaan

Wisma Sawit, Lot 6, SS 6, Jalan Perbandaran, 47301 Kelana Jaya, Selangor, Malaysia.

Tel : 03-7802 2000 Fax : 03-7803 4014 www.mpob.gov.my

MPOB LICENSE

Borang MPOB L1



MPOB

AKTA LEMBAGA MINYAK SAWIT MALAYSIA 1998

PERATURAN-PERATURAN LEMBAGA MINYAK SAWIT MALAYSIA (PELESENAN) 2005

Menurut Peraturan-Peraturan Lembaga Minyak Sawit Malaysia (Pelesenan) 2005 dan tertakluk kepada syarat dalam atau yang dilampirkan atau dikenakan pada lesen ini, Lembaga dengan ini mengeluarkan lesen yang berikut itu kepada:

PURE AIMS TECHNOLOGIES SDN. BHD. (NO. PENDAFTARAN: 1429323-D)

dari **106, BANGUNAN PUSAT INDUSTRI TECHNOVATION PARK UTM UNIVERSITI TEKNOLOGI MALAYSIA, 81310 JOHOR BAHRU, JOHOR**

bagi

No.	Aktiviti Berlesen	Keluaran Kelapa Sawit
1	Menjual dan mengalih	SPO #
2	Membeli dan mengalih	SPO #
3	Menyimpan	SPO #

Bagi tempoh Satu (01) tahun bermula dari 19/03/2024 hingga 28/02/2025 termasuk kedua-dua tarikh di premis berlesen yang berikut:

**106, BANGUNAN PUSAT INDUSTRI TECHNOVATION PARK UTM UNIVERSITI TEKNOLOGI MALAYSIA
81310 JOHOR BAHRU JOHOR**

Daya Pemprosesan Yang Dibenarkan
tan buah kelapa sawit setahun

Fi : RM300
Kategori : DL
Bertarikh : 19/03/2024


Datuk Dr. Ahmad Parveez Hj. Ghulam Kadir
Ketua Pengarah
Lembaga Minyak Sawit Malaysia

Nota:

Keluaran Kelapa Sawit	Singkatan	Keluaran Kelapa Sawit	Singkatan
Buah Kelapa Sawit	FFB	Anak Benih Kelapa Sawit Daripada	SLGTISU
Isirung Sawit	PK	Tumbuh-Tumbuhan Daripada Tisu Kelapa Sawit	PFOPT
Asid Lemak Sawit	PFA	Tumbuh-Tumbuhan Daripada Tisu Kelapa Sawit	PO
Oleokimia Sawit	PCM	Minyak Sawit	CPO
Bungkil Isirung Sawit	PKC	Minyak Sawit Mentah	PPO
Bahan Tanaman Kelapa Sawit	OPPM	Minyak Sawit Mentah Yang Diproseskan	CPKO
Biji Benih Kelapa Sawit	SDS	Minyak Isirung Sawit Mentah	PPKO
Anak Benih Kelapa Sawit	SLG	Minyak Isirung Sawit Mentah Yang Diproseskan	SPO
Anak Benih Kelapa Sawit Daripada Biji benih Kelapa Sawit	SLGBIJI	Minyak Sawit Keladak	

No. Siri : 285152

SUSTAINABLE DEVELOPMENT GOALS (SDGs) (1,6,7,9,11,12,13,14, &17)



SAMPLE DESIGN



KIOSK O2W IN FIELD



TAMAN PULAI FLORA, SKUDAI



BUKIT SIPUT, SEGAMAT PERSATUAN KOMUNITI KENARI BUKIT SIPUT



KPG TELUK BULOH, BAGAN DATUK JPKK KPG TELUK BULOH

KIOSK O2W IN FIELD



WISMA MAJLIS BANDARAYA SHAH ALAM, SHAH ALAM



PUSAT KITAR SEMULA KOMUNITI, SEKSYEN 2, SHAH ALAM



PUSAT KITAR SEMULA KOMUNITI, SEKSYEN U13, SETIA ALAM

Perasmian **KIOSK O2W** **BUKIT SIPUT, SEGAMAT** PERSATUAN KOMUNITI KENARI BUKIT SIPUT



Astro Oasis
MARHALAH 2.0



astro

BUIH MINYAK

4 Okt. 2024 | Jumaat | 7:30 malam

SALURAN 106

astro
OASIS

2.0
Märhāläh

— HAMBA ALLAH MENCARI ILMU —

Turut boleh ditonton di  & On Demand 



Turut boleh ditonton di  & On Demand 

OIL2WANG PROFILE



OIL2WANG **TRATSBER**

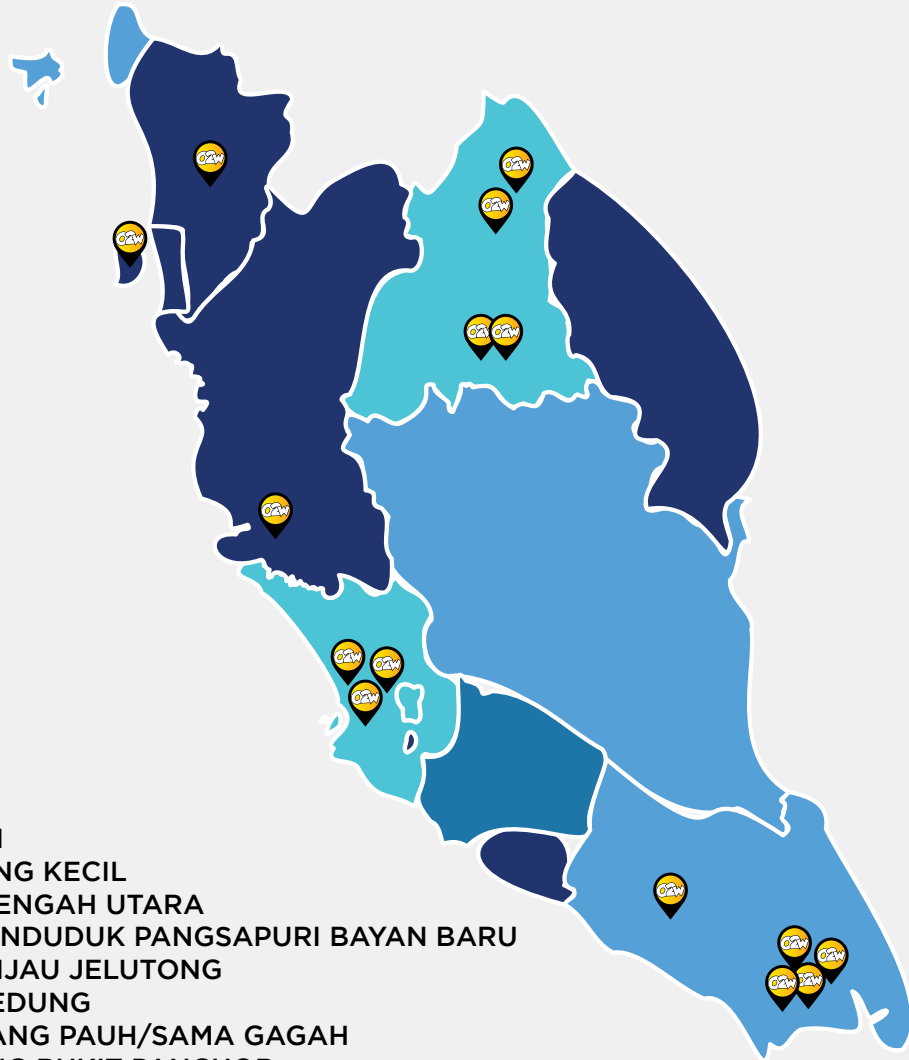
Congratulation

Oil2Wang Officially Achieve **2500** Apps Users

→ [Oil2Wang Kiosk](#)

Update Nov 2025

O2W KIOSK LOCATION



PULAU PINANG

MPKK MAHSURI
MPKK SG NIBONG KECIL
MPKK JALAN TENGAH UTARA
PERSATUAN PENDUDUK PANGSAPURI BAYAN BARU
JPKK TAMAN HIJAU JELUTONG
MPKK BUKIT GEDUNG
MPKK PERMATANG PAUH/SAMA GAGAH
JPKKP KAMPUNG BUKIT PANCHOR



JOHOR

PERSATUAN KOMUNITI KENARI BUKIT SIPUT
JPKK KAMPUNG TG ADANG
PERSATUAN PENDUDUK RAINFOREST TAMAN KOTA MASAI
PERSATUAN PENDUDUK TAMAN AZIZAH
PERSATUAN PENDUDUK TAMAN LAVENDER, PULAI MUTIARA



PERAK

JPKK KPG TELUK BULOH, BAGAN DATUK



KEDAH

JPKKP KAMPONG ALOR SENIBONG
JPKKP MUKIM TANJUNG JERING



KELANTAN

JPKKP BERIS KUBU BESAR
JPKKP KAMPUNG BATU BALAI
JPKKP KAMPUNG GUCHIL
JPKKP KG. TANJUNG JERING



SELANGOR

SHAH ALAM (MBSA, SEKSYEN 2, SEKSYEN U13)



FOR MORE INFORMATION:

TS. CHM. DR. FAIZUAN BIN ABDULLAH

Senior Lecturer

Department of Chemistry, Faculty of Science
Universiti Teknologi Malaysia

Email: faizuan@utm.my

Chief Executive Officer (CEO)

Pure Aims Technologies Sdn. Bhd.

(A UTM Spin Off Company)

H/P: 013 919 7757

H/P (O) : 012 810 7987

Email: pureaimstechnologies@gmail.com

www.patsber.com

© 🎵 📺 Oil2Wang Kiosk



**Save Our Earth
For Better Future**

www.patsber.com