

COMPANY PROFILE



Visit Our Website
Website: psvglobal.com





**POLYGON SYNERGY
VENTURES**

COMPANY BACKGROUND

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

BACKGROUND

Polygon Synergy Ventures (PSV) tech-based company, deliver smart industrial solutions with expertise in equipment fabrication, analytical testing, custom software development, manpower supply, and automation. Our core focus is supporting the oil & gas industry through innovative, reliable, and cost-effective services tailored to operational needs.

Since 2019, PSV has built a reputation as a reliable and innovative Malaysian company, offering practical and tech-driven solutions tailored to industry needs.

Organize Team: Admin, Human Resource, Finance, Operation, Sales & Marketing

Services: Offers Core Analysis for major Oil and Gas companies, along with maintenance, calibration, 3rd party lab services, consultancy, and more.





CORPORATE VISION & MISSION



CORPORATE VISION

One Industry All Solutions Catalyzing Futures

CORPORATE MISSION

At Polygon Synergy Ventures, our goal is to ignite advancements in Petroleum Engineering, Renewable Energy, and Industry 4.0. Dedicated to offering innovative and cost-effective solutions, we aim to revolutionize norms and lead the way in excellence.



Visit Our Website
[Website: psvglobal.com](http://psvglobal.com)



POLYGON SYNERGY
VENTURES

OUR LEADERS

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MEET OUR LEADER



MARINAH YAAKOP

Chief Executive Officer/
Founder

An MBA-qualified leader with over +17 years of impactful business leadership, known for driving corporate strategy, operational excellence, and effective executive decision-making. She excels in aligning senior teams, strengthening governance, and scaling organizations sustainably consistently delivering strong results and long-term growth.

M. RIDUAN AHMAD

Chief Business Officer/
Founder

An MBA-qualified commercial leader with over +18 years of experience in general management and business strategy, specializing in developing effective revenue models, strengthening key client relationships, and driving regional expansion. Proven in scaling business operations and advancing the organization's long-term strategic direction.

AMIRUDIN MOHAMAD

Chief Operation Officer

22+ years as an operations manager, specializing in workflow optimization and cross-sector coordination. Ensures seamless daily operations, delivers on client commitments, and drives operational excellence across all divisions.

HABIKAH OMAR

General Manager, Strategic Planner

17+ years in oil & gas and industrial sectors. Experienced in business development, client relationship management, and strategic growth initiatives. Drives new market entry strategies, revenue expansion, and long-term business transformation.



**POLYGON SYNERGY
VENTURES**

OUR TEAMS

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

PSV TEAM 2025

SALES TEAM



MANAGEMENT TEAM



OPERATIONS TEAM



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**POLYGON SYNERGY
VENTURES**

LOCATION

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

GLOBAL MARKET

PSV LOCATION

- SELANGOR, HQ
- PERAK, BRANCH
- PGSC, BRANCH
- SABAH, BRANCH
- SARAWAK, BRANCH

FUTURE EXPANSION

- INDONESIA (2025)
- THAILAND (2025)
- KAZAKHSTAN (2025)

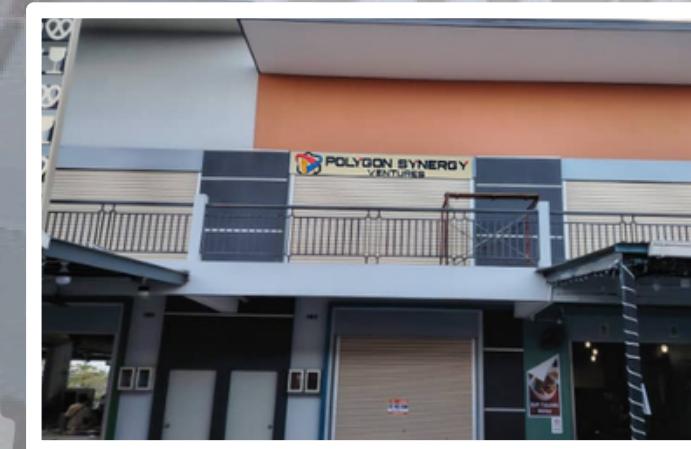
SELANGOR, HQ



PERAK, BRANCH



SABAH, BRANCH



PGSC, BRANCH



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ROADMAP

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

ROAD MAP (2014 - 2025)



2014

Polygon Scientific Resources started with an enterprise company that provides small custom-made equipment fabrication and parts supplier core sample distributor



2020

- July 19 Polygon Synergy Ventures (PSV) SDN BHD was established
- Registered with PETRONAS to supply products/services to PETRONAS and its subsidiaries.



2022

- Expand the number of staff and start hiring interns
- Branch in Seri Iskandar

- Relocated office to new premises in Kota Puteri
- Established a new warehouse facility to support service operations

2019



- Expand the range of service
- Provide manpower to operate core flooding equipment and analysis
- Provide manpower for onsite core preservation



2021

- To have our own, Malaysia's first SCAL lab that liaised with ISO 17025
- Following standard practice for quality management system (ISO 9001:2015)

2025



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**POLYGON SYNERGY
VENTURES**

PRODUCT & SERVICES

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POLYGON SYNERGY
VENTURES

REVENUE STREAM



Equipment
Maintenance, Servicing
& Calibration



Special
Analytical
Testing

Technology
Development



Equipment
Fabrication



Manpower
Services



Trading &
Supplies



Automation
System



Warehouse
Services



Training &
Consultation



Geo Sample
Warehouse
Services



Product
Development

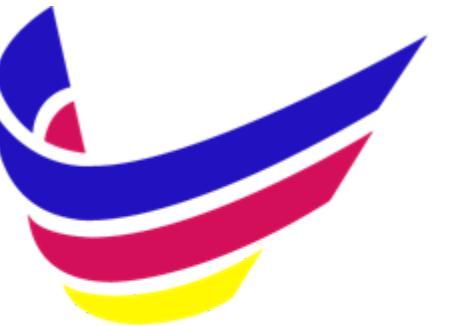
ONE INDUSTRY ALL SOLUTIONS CATALYZING FUTURES



**POLYGON SYNERGY
VENTURES**

Our Product

- Polygon Synergy Ventures Sdn Bhd



**BUATAN MALAYSIA
MADE IN MALAYSIA**

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

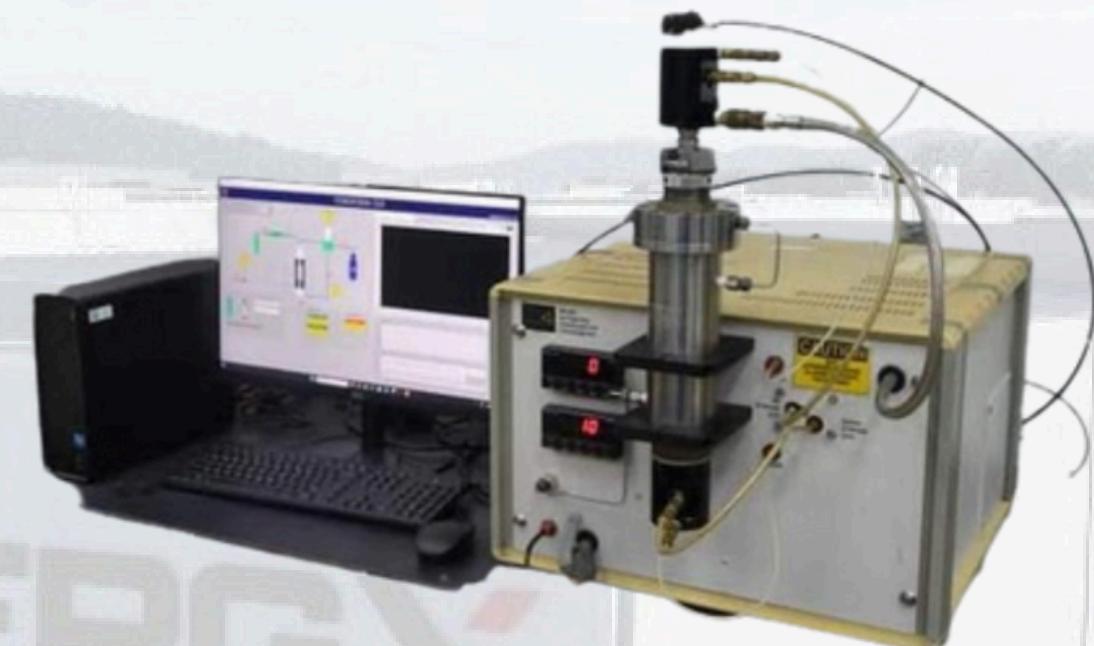
NEW PRODUCT RELEASE 2025



Coreflooding Equipment



Syringe Pump



Poroperm

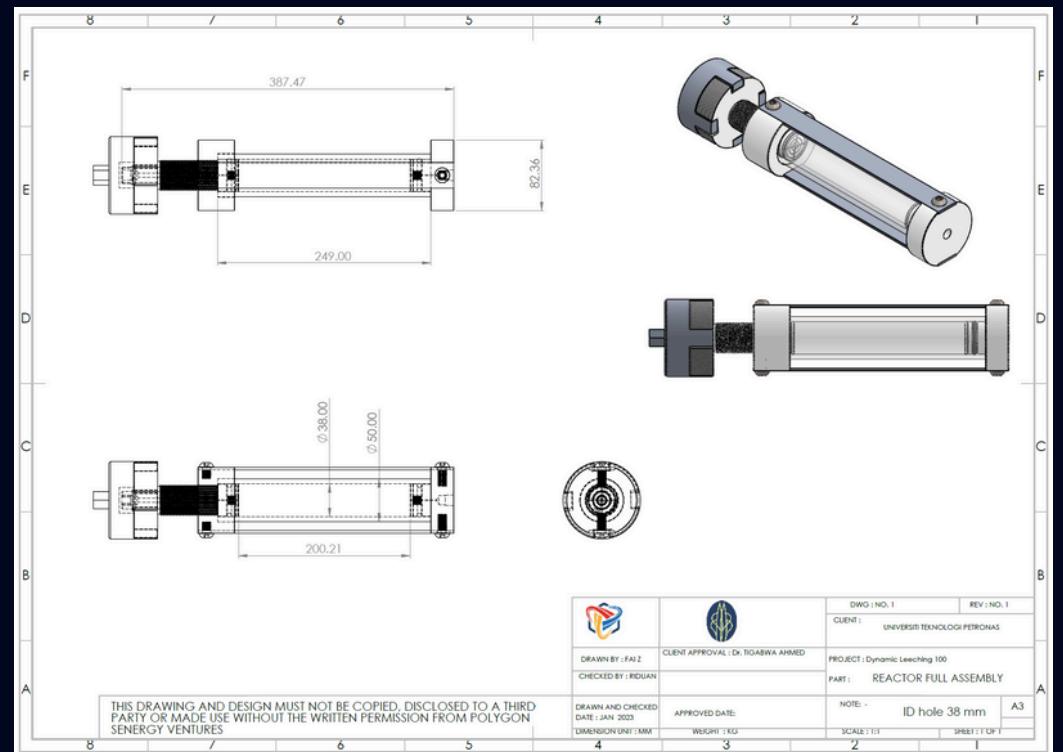
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POLYGON SYNERGY
VENTURES

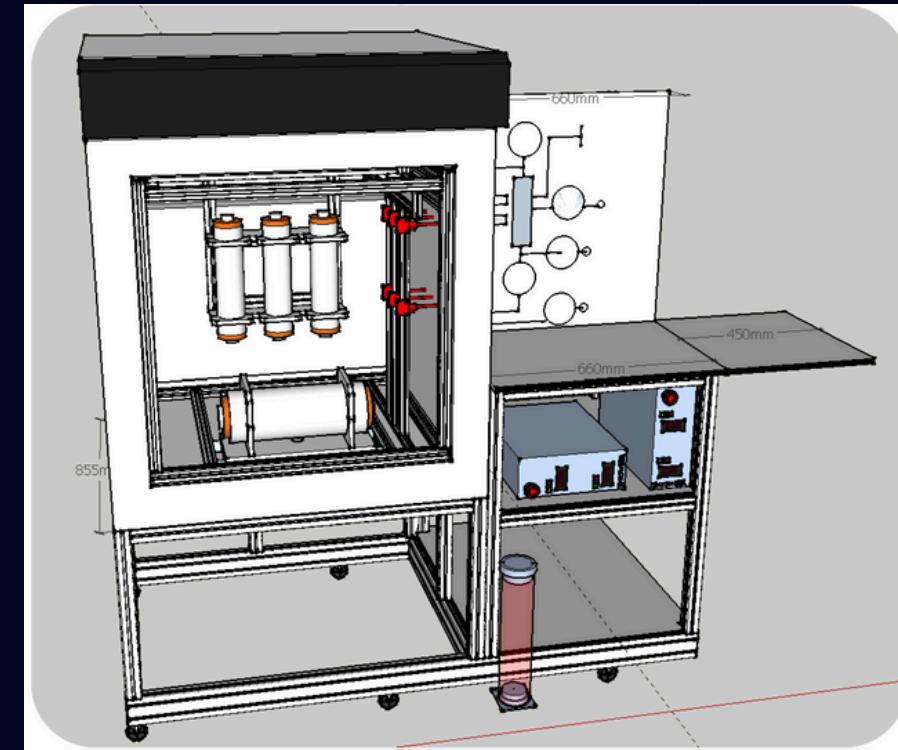
DESIGN, MODELING & SOFTWARE DEVELOPMENT

Design



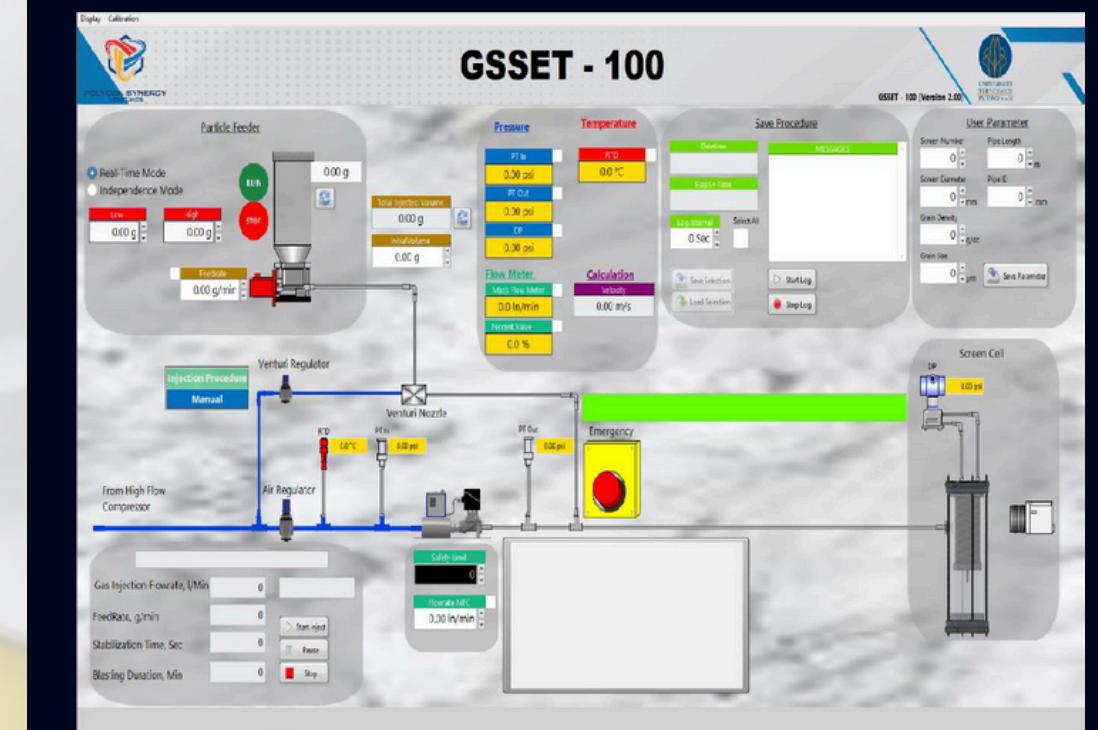
Client: UTP, Seri Iskandar
Equipment:
Sandpac Core Holder

Modeling



Client : UTP, Seri Iskandar
Equipment:
Basic Coreflood System
(BCFS-350)

Software Development



Client : UTP, Seri Iskandar
Equipment:
Gas Sand Screen Erosion Test
(GSSET-100)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

PCRI 250



Client: UiTM, Shah Alam
Equipment:
Basic Capillary Pressure & Resistivity
Index (PCRI 250)

SRT 350



Client : UTP, Seri Iskandar
Equipment:
Sand Retention Test Equipment
(SRT 350)

BCFS 350



Client : UTP, Seri Iskandar
Equipment:
Basic Core Flooding
System (BCFS 350)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

TCF-20



Client: UiTM, Shah Alam

Equipment: Teaching Core Flood
(TCF 20)

Liner Opener



Client ONYX Engineering, Selangor

Equipment: Liner Opener

LPS 5000



Client : ONYX Engineering, Selangor

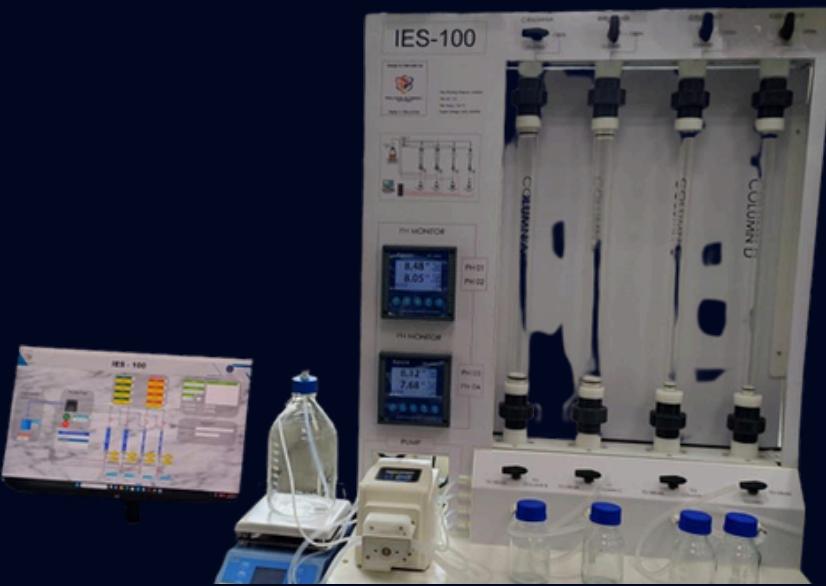
Equipment: LPS 5000



POLYGON SYNERGY
VENTURES

OUR PRODUCT

IES-100



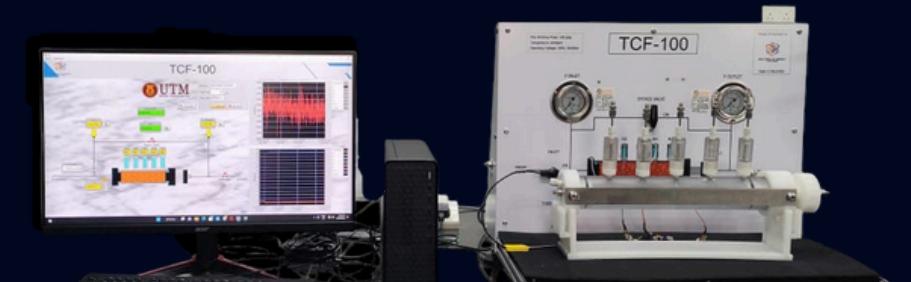
Client: UTP, PERAK
Equipment:
Ion Exchange Setup
(IES-100)

DLS-100



Client UTP, PERAK
Equipment:
Dynamic Leaching Test
(DLS-100)

TCF-100



Client : UTM, JOHOR
Equipment:
Teaching Coreflood
(TCF-100)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

GSSET-100



Equipment:
Gas Sand Screen Erosion Test
(GSSET-100)

CDT-350



Equipment:
Constant Drawdown Test
(CDT-350)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

RO Membrane



Client: UTP, PERAK

Equipment:
RO Membrane

PR-100



Client: UTP, PERAK

Equipment:
Solid Liquid Separator
(PR-100)



POLYGON SYNERGY
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OUR PRODUCT

FLUIDIZED & FIXED BED



Client: UKM-MTJA

Equipment:

Fluidized & Fixed Bed Reactor for producing CO, H₂ & CH₄



POLYGON SYNERGY
VENTURES

OUR PRODUCT



TP1-219
Equipment:
Helium Porosimeter (Coretest)



TKA-209
Equipment:
Gas Permeameter (Coretest)



TEP - 231
Equipment:
Electrical Properties (Coretest)



POLYGON SYNERGY
VENTURES

EQUIPMENT MAINTENANCE

CAPRI System



**Client: PETRONAS Research
Sdn Bhd**
Equipment:
CAPRI System by DCI Test System

PVT Fluid Evaluation



Client UTP, Perak
Equipment:
PVT Equipment

ELECTROMAGNETIC VISCOMETER



Client : UTP, Perak



POLYGON SYNERGY
VENTURES

OUR PRODUCT



HTHP DENSITOMETER



FLOWLOOP APPARATUS

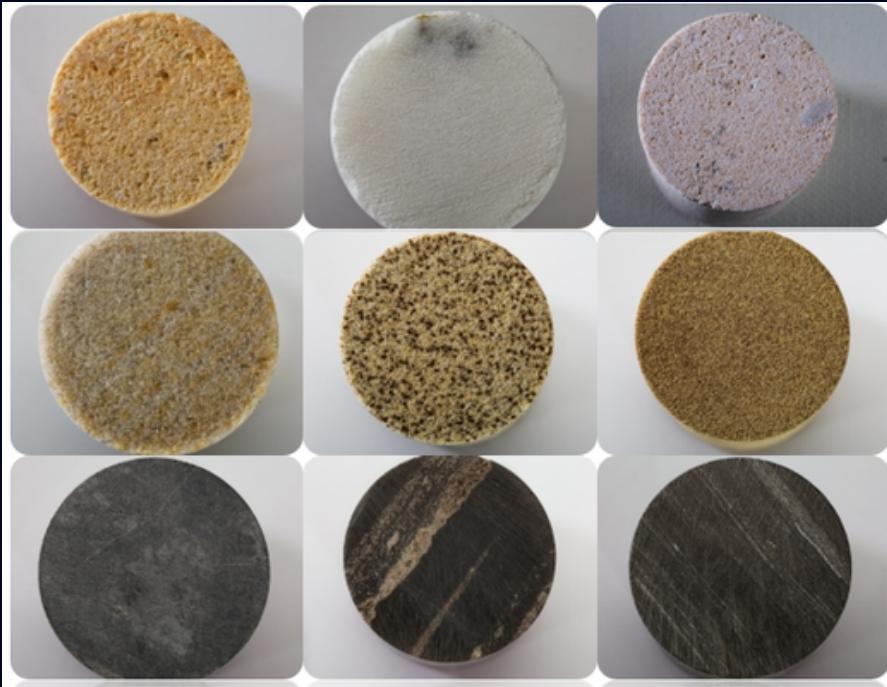


DYNAMIC SCALE LOOP

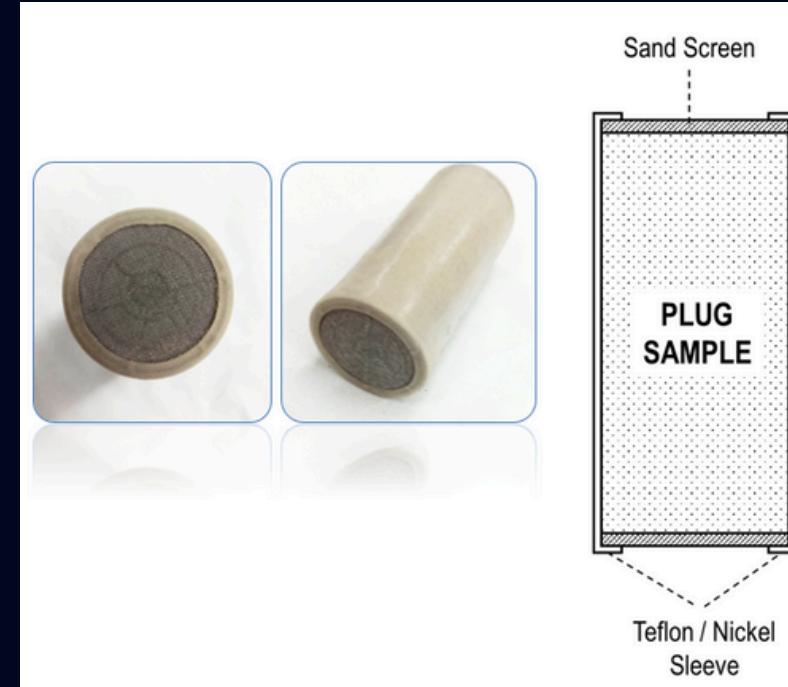


POLYGON SYNERGY
VENTURES

TRADING & SUPPLIES



Sandstone, Carbonate, Shale



Costume Sand Pack



Multi-layer Perm Samples



POLYGON SYNERGY
VENTURES

CLIENT

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POLYGON SYNERGY
VENTURES

OUR CLIENTS & COLLABORATORS



Industry Sector

Academic Sector

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POLYGON SYNERGY
VENTURES

CORPORATE GOVERNANCE & CERTIFICATIONS

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POLYGON SYNERGY
VENTURES

COMPANY RECOGNITION

ANUGERAH IKON USAHAWAN INDUSTRI PEMBINAAN NEGERI SELANGOR 2024 - 2025



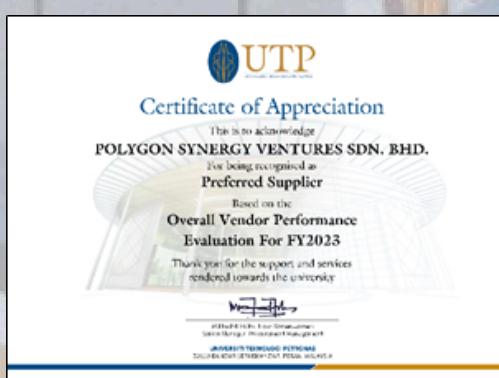
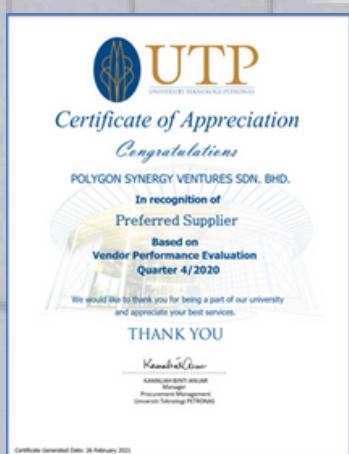
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POLYGON SYNERGY
VENTURES

COMPANY RECOGNITION

PREFERRED VENDOR FOR STRAIGHT 4 YEARS FROM UTP 2020 - 2023



QUALITY MANAGEMENT SYSTEM 9001:2015

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POLYGON SYNERGY
VENTURES

COMPANY CERTIFICATE



KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K10102881593255045
NO. RUJUKAN PENDAFTARAN : 357-0002348721
TEMPOH SAH LAKU : 21/06/2022 - 20/06/2025

Bahwa dengan ini diperakui syarikat :
POLYGON SYNERGY VENTURES SDN. BHD. (1332248-V)
NO. 39, JALAN ECO PERINDUSTRIAN 1/3C
ECO PERINDUSTRIAN 5
KUALA SELANGOR
42300 BANDAR PUNCAK ALAM
SELANGOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urus perolehan kerajaan adalah seperti berikut :

ENCIK MOHD RIDUAN BIN AHMAD 860227387669 PENGARAH URUSAN
PUAN MARDAH BTI YAAKOP 89070005466 MANAJER ADMIN

Li
AB RAHIM BIN AB RAHMAN
Bahagian Perolehan Kerajaan
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 21/06/2022

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

MOF LICENSE



KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

NO. SIJIL : BP10102881593744983
NO. RUJUKAN PENDAFTARAN : 357-0002348721
TEMPOH SAH LAKU : 29/02/2024 - 20/06/2025

Bahwa dengan ini diperakui syarikat :
POLYGON SYNERGY VENTURES SDN. BHD. (1332248-V)
NO. 39, JALAN ECO PERINDUSTRIAN 1/3C
ECO PERINDUSTRIAN 5
KUALA SELANGOR
42300 BANDAR PUNCAK ALAM
SELANGOR, MALAYSIA

Telah diktiraf sebagai Syarikat Bumiputera oleh Kementerian Kewangan Malaysia. Taraf Bumiputera bukannya hak dan boleh ditirak balik sekeras syarikat gagal mematuhi syarat/kriteria yang ditetapkan. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Sijil Akuan Pendataran Syarikat Bumiputera (Lampiran C).

Li
DATO' INDERA AB RAHIM BIN AB RAHMAN
Perbendaharaan Malaysia Semenanjung
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 21/06/2022

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

BUMIPUTERA LICENSE



LICENSE TO SUPPLY PRODUCT/SERVICE TO EXPLORATION AND OIL/GAS COMPANIES IN MALAYSIA

In exercising the powers conferred by Section 7, Petroleum Development Act 1974 and in accordance to Regulation 5 of the Petroleum Regulation 1974, delegated to me by the Prince Minister of Malaysia, I hereby issue the license under Regulation 5 of the Petroleum Regulation for the purpose of the above to:

POLYGON SYNERGY VENTURES SDN. BHD. (1332248-V)
NO. 39, JALAN ECO PERINDUSTRIAN 1/3C
ECO PERINDUSTRIAN 5
KUALA SELANGOR
42300 BANDAR PUNCAK ALAM
SELANGOR, MALAYSIA

Details of License are as follows:

Company No : 120100022919
Type of Company : License
Duration of License : 21/02/2022 - 06/04/2025
License Fee : RM 750.00

Categories of Product/Service : As attached in 'CATALOGUE OF LICENSE / REGISTRATION'

Special Conditions Imposed onto this License :
Subject to the special conditions as attached.

General requirements of this License are as stated in the next page.

Remarks: License Will Apply For Renewal 4 Month Before The Expiry Date.

PETRONAS LICENSE GENERAL CONDITIONS

- Company is required to register, obtain a license, permit or authorisation from the relevant authority to carry out the services or supply of products or material used in company's operations and activities.
- This license is not transferable to any company/other party.
- This license will be revoked if the company is found to be in the process of liquidation, winding up or dissolution.
- Company shall inform PETRONAS on any changes related to company's position such as equity ownership, board of directors and management staff within fourteen (14) days. Failure to do so can result in revocation of License.
- Company should take immediate action to adhere to the special conditions imposed as stated in the attached of the PETRONAS license conditions and to inform PETRONAS on the progress of this action.
- According to An Act 9, Petroleum Act 1974, a person who initiates or continues any business or continue providing services as mentioned in Art 7 without a license or do not comply with any condition of the license is committing a offence and can be fined not exceeding RM100,000.00 (One Hundred Thousand Ringgit) for every one (1) day or part of one (1) day which the offence continues after the first conviction is recorded.
- Company is not allowed to take another company as principal, agent, sub-contractor or otherwise to provide any services or supply of any facility, fittings or equipment on its behalf without prior written consent from PETRONAS.
- Company shall allow PETRONAS representatives for inspection visit / site / company and review / copy of documents and interviewing employees and related persons.
- Sub-contract work to another contractor without written permission from PETRONAS.
- Reject any contract or tender awarded.
- Ending or accepting contract or tender during the license suspension period.
- Provide false, inaccurate or misleading information.
- Does not follow tender's regulation and ethics including but not only limited to sending pressure/pes letters, bidding or lobbying.
- Engaged in any improper activities with the License.

13. According to An Act 9, Petroleum Act 1974, a person who initiates or continues any business or continue providing services as mentioned in Art 7 without a license or do not comply with any condition of the license is committing a offence and can be fined not exceeding RM100,000.00 (One Hundred Thousand Ringgit) for every one (1) day or part of one (1) day which the offence continues after the first conviction is recorded.

14. Company is not allowed to take another company as principal, agent, sub-contractor or otherwise to provide any services or supply of any facility, fittings or equipment on its behalf without prior written consent from PETRONAS.

15. This agreement is not an agreement/guarantee that your company will be called to participate in a tender or quotation of PETRONAS or its subsidiaries.

16. Company and its employees are required to observe and comply with the terms and conditions of the license.

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**POLYGON SYNERGY
VENTURES**

SUPPORTED PROGRAM

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

SUPPORTED PROGRAM



ONE INDUSTRY ALL SOLUTION



MEMORANDUM OF UNDERSTANDING

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

MEMORANDUM OF UNDERSTANDING





POLYGON SYNERGY
VENTURES

MEMORANDUM OF UNDERSTANDING



UNIVERSITI
MALAYA



UTP
UNIVERSITI TEKNOLOGI PETRONAS



اونیورسیتی ملیسیا قهع السلطان عبد الله
UNIVERSITI MALAYSIA PAHANG
AL-SULTAN ABDULLAH

MoU Between Universiti Malaya &
Polygon Synergy Ventures

MoU Between Universiti Teknologi
PETRONAS & Polygon Synergy Ventures

MoU Between Universiti Malaysia
Pahang & Polygon Synergy Ventures



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

MoU Between Universiti Teknologi
Malaysia & Polygon Synergy Ventures

ONE INDUSTRY ALL SOLUTION



LETTER OF INTENT

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

LETTER OF INTENT



Letter of Intent

Between

UNIVERSITI TEKNOLOGI PETRONAS

(which is owned and managed by Institute of Technology PETRONAS Sdn Bhd (Company No. 199501023672 [352875-U]), and located at 32610 Bandar Seri Iskandar, Perak)

And

POLYGON SYNERGY VENTURES SDN BHD

((Company No. 201901022919 (1332248-V), located at No. 55, Jalan KP 4, Nouvelle Industrial Park Kota Puteri, 48100 Batu Arang, Selangor)

- (a) The Parties have discussed collaborative efforts and hereby record their intent to collaborate in areas including, but not limited to **student internship placements, equipment rental and services, as well as research activities**.
- (b) The collaboration shall be conducted over a period of three (3) years commencing from 02 October 2025 and ending 01 October 2028 (hereinafter referred to as the "Collaboration Duration").
- (c) Ir Dr Mohd Azwan bin Maoinsir from UTP and Mr Mohd Riduan bin Ahmad from PSVSB shall act as the Liaison Officers who will develop and coordinate the various activities agreed upon. Through these officers, either party may initiate proposals for additional cooperative activities.
- (d) The Parties will work together to produce joint publication(s) under the Project. A publishing Party shall provide the other Party with a copy of any proposed publication and the other Party shall have twenty-one (21) days to review the data and information deemed confidential.
- (e) Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties.



Letter of Intent to Collaborate

Between

PanTerra Geoconsultants BV

And

POLYGON SYNERGY VENTURES SDN BHD

PanTerra Geoconsultants BV and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:

- (a) The Parties are desirous to collaborate in areas including, but not limited to, conducting tests for ambient porosity and permeability measurements, as well as performing Routine Core Analysis, Special Core Analysis & Fluid Analysis.
- (b) Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- (c) This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between PanTerra Geoconsultants BV and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties;
- (d) This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between UMPSA and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this 21/3/2025

G.P. van de Bilt
Managing Director
PanTerra Geoconsultants BV
PanTerra Geoconsultants B.V.
Kerkstraat 15
2525 AZ Leiderdorp
The Netherlands

M. Riduan Ahmad
Chief Technical Officer
Polygon Synergy Ventures Sdn Bhd



Letter of Intent to Collaborate

Between

**UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH
(UMPSA)**

And

POLYGON SYNERGY VENTURE SDN BHD

Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:

- (a) The Parties are desirous to collaborate in areas including, but not limited to, **student internship placements, equipment rental and services, as well as research activities**.
- (b) The Parties will be looking forward to work together to produce joint publication(s) under the Project;
- (c) Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- (d) This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between UMPSA and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this

Professor Ts. Dr. Suryaya bt Zainal
Akademik@um.edu.my
Faculty of Chemical and Process Engineering
Technology
Universiti Malaysia Pahang Al-Sultan Abdullah

M. Riduan Ahmad
General Manager
Polygon Synergy Ventures Sdn Bhd

**Polygon Synergy Ventures Sdn Bhd &
Universiti Teknologi PETRONAS**

**Polygon Synergy Ventures Sdn Bhd &
PanTerra Geoconsultants BV**

**Polygon Synergy Ventures Sdn Bhd &
Universiti Malaysia Pahang Al-Sultan Abdullah**

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**POLYGON SYNERGY
VENTURES**

LETTER OF INTENT



Letter of Intent to Collaborate

Between

Stratum Reservoir (Thailand) Ltd.

And

POLYGON SYNERGY VENTURES SDN BHD

Stratum Reservoir and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:

- (a) The Parties are desirous to collaborate in areas including, but not limited to, conducting tests for ambient porosity and permeability measurements, as well as performing Routine Core Analysis, Special Core Analysis & Fluid Analysis.
- (b) Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- (c) This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between Stratum Reservoir (Thailand) Ltd. and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this 20th March 2025

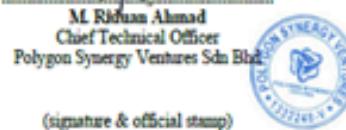
Mohamed Ridha Dridi
Vice President MEA, Operations
Stratum Reservoir (Thailand) Ltd.

(signature & official stamp)



M. Riduan Ahmad
Chief Technical Officer
Polygon Synergy Ventures Sdn Bhd

(signature & official stamp)



Letter of Intent to Collaborate

Between

NAZARBAYEV UNIVERSITY

And

POLYGON SYNERGY VENTURES SDN BHD

Nazarbayev University and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:

- (a) The Parties are desirous to collaborate in areas including, but not limited to, conducting tests for ambient porosity and permeability measurements, as well as performing special core analyses.
- (b) Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- (c) This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between Nazarbayev University and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this

Name: Dr Sonay Irawan Designation: Associate Professor Company Name: Petroleum Engineering Department Nazarbayev University	M. Riduan Ahmad General Manager Polygon Synergy Ventures Sdn Bhd
(signature & official stamp)	(signature & official stamp)



**Australian
National
University**

19 August 2025

M. Riduan Ahmad
Founder
Chief Business Officer
Polygon Synergy Ventures Sdn Bhd
No. 55, Jalan Kota Puteri 4
Nouvelle Industrial Park Kota Puteri
48100 Batu Arang
Selangor
Via email: mra@psvglobal.com

To Whom It May Concern

Letter of Support for PSV Tender Submission – Provision of Geological Samples and Laboratory Core Analysis Services for PETRONAS Carigali Sdn. Bhd.

On behalf of the Australian National University (ANU), I write in strong support of PSV's submission to the Provision of Geological Samples and Laboratory Core Analysis Services tender for PETRONAS Carigali Sdn. Bhd.

The ANU is pleased to collaborate with PSV as its strategic partner, providing advanced laboratory and technical services under the Digital Core Analysis (DCA) and CCS Geology scope of work. This partnership draws upon over two decades of internationally recognised research and commercialisation success in 3D imaging, digital rock physics, and petrophysical analysis.

The ANU will provide advanced laboratory services and analysis capabilities under this scope, including but not limited to:

- High-resolution micro-CT imaging at multiple scales: from full plug (1.5") screening and ROI scans (≥ 5 micron), to helical and nano-resolution scans (<100 nm), including imaging under in situ pressure and temperature conditions
- Imaging and analysis of fragments/cuttings, including specimen preparation and micron-resolution scanning
- Wet-state micro-CT analysis, incorporating sample saturation with tracer fluids and plasma cleaning
- 3D image reconstruction, segmentation, and quantitative phase identification
- Pore and grain partitioning, including texture/morphology metrics and modeling of sub-resolution pore structures
- Computation of digital petrophysical properties: porosity, permeability (Kv/Kh), electrical properties (F, m, n, RI), NMR response, and capillary pressure (primary drainage/imbibition)
- Multiphase flow simulations, including synthetic relative permeability curve generation across different wettability conditions
- Comprehensive reporting, including raw data submission and interpretive documentation.

These capabilities are housed within ANU's National CT Facility. This is a world-class imaging and analysis facility, originally established through strong industry collaborations, including the Lithicon spin-out—Australia's leading commercial digital core analysis company. The facility is supported by a multidisciplinary

TEOSA Provider ID: PRV12002 (Australian University)
CRICOS Provider Code: 00120C

**Polygon Synergy Ventures Sdn Bhd &
Stratum Reservoir (Thailand) Ltd.**

**Polygon Synergy Ventures Sdn Bhd &
Nazarbayev University**

**Polygon Synergy Ventures Sdn Bhd &
Australian National University**

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VENTURES**

CORPORATE SOCIAL RESPONSIBILITY (CSR)

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VENTURES

CORPORATE SOCIAL RESPONSIBILITY (CSR)



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CORPORATE SOCIAL RESPONSIBILITY (CSR)



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CORPORATE SOCIAL RESPONSIBILITY (CSR)



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**POLYGON SYNERGY
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INTERNATIONAL EVENT

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POLYGON SYNERGY
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EVENT



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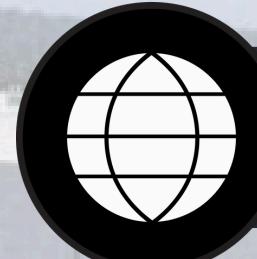


POLYGON SYNERGY
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CONTACT US



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Polygon Synergy Ventures



Visit Our Website
Website: psvglobal.com



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POLYGON SYNERGY VENTURES
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42300 BANDAR PUNCAK ALAM SELANGOR
1332248-V
ESEN :L0017485-8)
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Polygon Synergy Ventures Sdn Bhd

HQ Kota Puteri

Thank You

For Your Attention

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