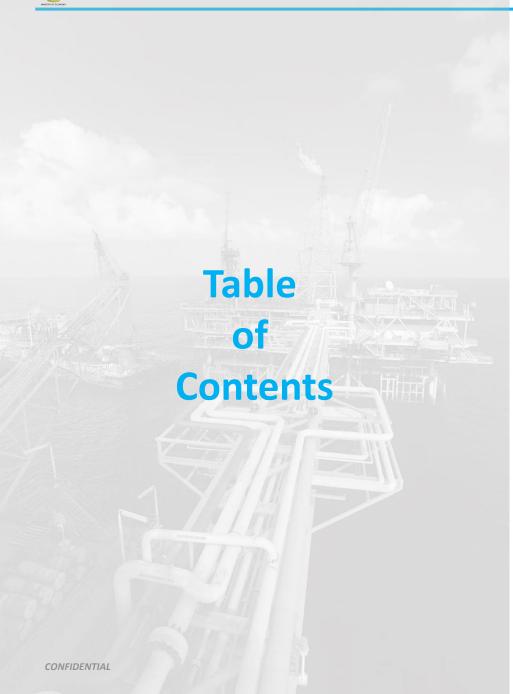
NATIONAL OGSE INDUSTRY BLUEPRINT IMPLEMENTATION 2021-2030

Quarterly Report





- 4 Highlights
- Quarterly Progress Update
- **3** Upcoming Key Items



4 Highlights

2023 year in review (1/3): Three (3) OGSE Industry Blueprint Roadshows were held nationwide joined by all implementing partners to create awareness of the Blueprint as well as promote various government assistance to OGSE companies with total attendance of 1500 delegates from 400 companies



Officiated by **Y.B. Tuan Mohd Hairi bin Mad Shah** (center), Johor State Committee Chairman of Youth, Sports, Entrepreneur, Cooperatives and Human Resource Development; Official Representative of the Menteri Besar Johor



Officiated by Y.B. Dato' Mohamad Nizar bin Dato' Sri Mohamad Najib (center), Pahang State Exco for Investments, Industrial Development, Science, Technology and Innovation; Official Representative for the Menteri Besar Pahang

Kuala Lumpur (National Level)



Officiated by **YBhg. Dato' Nor Azmie bin Diron,** Secretary General of Ministry of Economy; Official Representative for the Minister of Economy

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2023 year in review (2/3): Other Blueprint related events conducted throughout the year

Recognition of Prior Experiential Learning (RPEL)



Abu Dhabi International Petroleum Exhibition & Conference (ADIPEC) 2023



OGSE Career Awareness Promotion



OGSE Company Recognition Industry Working Group





A group of participants undergo RPEL training in OGSE-related skill sets under C1 initiative, underscoring the paramount goal of fostering a robust talent pool through skilled worker retention initiatives.



MATRADE coordinated the participation of 20 Malaysian OGSE SME companies under the Malaysian Pavilion during ADIPEC 2023 which was held from 2-5 October 2023. Total sales of RM 450 million was generated from the event.



Career awareness involving MPRC were conducted in Kuantan and Miri with a total of 375 participants as part of an ongoing commitment to disseminate knowledge about oil, gas, and energy industries, aligning with the initiatives under the talent levers.



Discussion encompassed the **outlining plan and** course of action including proposing potential benefits to OGSE recognized companies under initiative A5 led by MPRC.

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2023 year in review (3/3): Other Blueprint related events conducted throughout the year

Overseas Malaysian OGSE Worker Outreach Programme





TalentCorp attended an event hosted by the Malaysian High Commissioner in Brunei and shared insights on MyHeart Initiative to attract and engage Malaysians abroad to contribute their expertise in the economic development of Malaysia.

Industry Consolidation Study





MPRC Industry Consolidation first Technical and Steering Committee Meeting were conducted respectively on 5th & 17th October 2023. The meeting deliberated on areas including optimising OGSE value chain and navigating the Energy Transition Era.

Government, Industry & Academia Collaboration





Panel discussion co-host by TalentCorp & MPRC on preparing future talents for the energy transition involving representatives from Government, industry and academia was held during Oil & Gas Asia (OGA).

The National OGSE Industry Blueprint 2021-2030 Implementation Steering Committee meeting was held twice in 2023 and chaired by Minister of Economy, YB Rafizi Ramli. It was attended by *Ahli Tetap and Ahli Jemputan* including PETRONAS.



National OGSE SC Meeting No. 1/2023 chaired by Minister of Economy, YB Rafizi Ramli on 9 February 2023



National OGSE SC Meeting No. 2/2023 chaired by Minister of Economy, YB Rafizi Ramli on 9 November 2023

Implementation Highlights from 2021 to 2023

Facilitating Funding to Catalyse Growth



RM15.5 million in OGSE Development Grant committed to 64 local companies to facilitate technology adoption and innovation, of which 9 companies have exported their products and services



Between 2021-2023, **20 OGSE companies** approved for **RM25 million in grants** from TERAJU's Dana Kemakmuran Bumiputera, **catalysing projected investments of over RM250 million**



76 applications on i-OGSE portal for grants, alternative financing and export programmes **approved since the portal's launch in 1Q 2023**



10 OGSE companies received fiscal facilitation from MIDA to access Industry4wrd Intervention Funds, Smart Automation Grant and Automation Capital Allowance

Implementation Highlights from 2021 to 2023

Addressing OGSE Talent Needs



Providing upskilling and certification to 63 OGSE workers in collaboration with ADTEC Shah Alam and ADTEC Kemaman as well as Sarawak Skills to increase their employability and meet the industry's workforce needs



TalentCorp has engaged with almost 400 Malaysians diaspora to attract OGSE talent back to the country and mentored over 300 participants under the #walkwithme-**OGSE Industry Coaching Programme**

Driving Investments and Exports



2021-2023. **MIDA** Between has approved new/expansion OGSE projects from 8 MNCs



MATRADE has provided 164 OGSE companies with access to RM2 billion in potential sales through business matching and export promotion at international trade fairs

Championing OGSE Sustainability



81 OGSE companies adopt and report sustainability practices (OGSE Blueprint target: 70 companies adopting and reporting sustainability practices by 2030)



PLCs average revenue from foreign operations: 39% (OGSE Blueprint target: Exports to account for 50% of OGSE industry total revenue by 2030)



Quarterly Progress Update



Initiatives' Progress Update Summary as of end December 2023

Button's Description	Status	Definition	No. of Initiatives
Green	Achieved Target	Initiative has reached its KPI target fot the year	21
Yellow	Behind schedule	Final achievement up to 15% behind schedule	2
Red	Delayed	 Final achievement more than 15% behind schedule 	1
Grey	Pending outcome	 Achievement is pending outcome / Monthly projection has not started 	0
n/a Not applicable	Initiative implementation is paused	Initiative's activity has not started	2
		Total	26



Outcome-based Progress Update Summary as of end December 2023

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2023 Initiatives Progress Update as of end December 2023 (1/9)

Legend
 On schedule or ahead of schedule
 Up to 15% behind schedule
 More than 15% behind schedule
 Pending outcome / Projection NS

			n/a Initiative's activity ha	is not starte
Initiative	Led by	KPI for 2023	Progress Update Report	Status
A1: Governm	nent Point of	Contact for OGSE		
A1	MPCC nature protection resource corporation	 Number of approved applications of government support and services through I-OGSE portal Target: 40 approved applications 	 57 applications were approved through the i-OGSE portal as of end December 2023. The number has exceeded the target by 42.50 %. KPI target has been met for the year 2023. 	
A2: Industry	Consolidation	on		
A2	mprc. national activitum records corporation	 Industry Consolidation Study Target: Industry consolidation study finalized by Q4 2023 	 The project team kicked off Industry Consolidation Study on 23 August 2023. There was a delay to kick off the study due to longer approval process. The interim report was completed on 5 December 2023 and was endorsed by Study Technical Committee on 11 December 2023. Subsequently, the report was approved by Study Steering Committee on 18 December 2023. The study is expected to be finalized in Q1 2024 	
A3: OGSE Inc	dustry Data I	Depository		
АЗ	mprc nearest entering nearest controlled	 Publish additional indicators for OGSE Industry FY2021 Target: Additional 4 indicators 	 The 4 additional indicators for OGSE Industry FY2021 were published in July 2023, an addition to the 8 indicators previously published in 2022. The additional indicators published were: Industry profit before tax Export as a proportion of total revenue Proportion of listed companies in the industry Number of billion-ringgit companies KPI target has been met for the year 2023. 	

2023 Initiatives Progress Update as of end December 2023 (2/9)

Legend On schedule or ahead of schedule Up to 15% behind schedule More than 15% behind schedule

Pending outcome / Projection NS

			n/a Initiat	tive's activity has not starte
Initiative	Led by	KPI for 2023	Progress Update Report	Status
A4: Industry-v	vide guidance on glol	oal OGSE trends & best practices		
	• Publica	ation of thought leadership article	1. Project team has successfully published 1 article as of end Decen	nber 2023.





Target: 1 article published

The article was published on The Edge Malaysia on 9th October 2023 titled "Primary drivers of decarbonisation in the O&G services and equipment industry".



- 2. The article can be accessed at www.theedgemalaysia.com/node/685430
- 3. KPI target has been met for the year 2023.

A5: OGSE Company Recognition

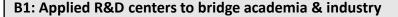






- - Target: 1,454 companies

- 1. To date 1,915 companies have been recognized as "OGSE Company" which has exceeded the target by 31.70% as of end December 2023.
- 2. Steering Committee (SC) members have agreed to not track this initiative at SC level; however, the project team will continue to track the progress.
- 3. Project team will focus on gathering the OGSE Catalogue from existing OGSE members which will be published in the i-OGSE Portal.
- 4. KPI target has been met for the year 2023.









Target: 1 collaboration

- 1. The R&D IUC facilitation target could not be met as further enhancement and engagement are required. The working team is working towards developing "Technology Network (TN) Framework" that will include Government Agency as "Enablers" into the eco-system apart from Industry & University.
- 2. The TN execution including pilot program (Joint-Industry Project), implementation plan etc. which will be deliberated in roundtable & workshop planned within Q1 2024.



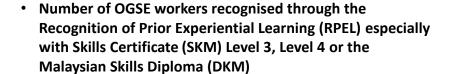
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2023 Initiatives Progress Update as of end December 2023 (3/9)

On schedule or ahead of schedule
Up to 15% behind schedule
More than 15% behind schedule
Pending outcome / Projection NS
n, a Initiative's activity has not started

Initiative	Led by	KPI for 2023	Progress Update Report	Status

C1: Skilled Worker Retention Program





- 1. A total of 63 OGSE workers were recognized through RPEL as of end December 2023.
- 2. The OGSE workers were recognized through RPEL Programme at three different Jabatan Pembangunan Kemahiran (JPK) accredited centres across the country. The details are as follows:



- ADTEC Shah Alam 19 OGSE Workers
- Sarawak Skills 8 OGSE workers
- 3. KPI target has been met for the year 2023.

C2: OGSE Career Promotion

- Career awareness on the prospects and aspirations of the OGSE industry to at least 450 participants
 - Target: 450 participants

- 1. A total of **705 participants attended** career awareness on the prospects and aspirations of the OGSE industry by MPRC across diverse platform including forums, webinars and industry talks.
- 2. The sessions conducted are as follows:
 - i. Forum on Talent Development & Career Talk during East Coast OGSE Roadshow in July 2023
 - ii. Career Talk in conjunction with Sarawak Skills Open Day in September 2023
 - iii. Industrial Talk, Career Launchpad@Manipal International University in November 2023
 - iv. Sharing session, Fundamentals of Project Management in the Oil & Gas industry, a collaboration with Oil & Gas Meta (OGM) in November 2023
 - v. Industry Talk, UiTM FBM Industry, Community & Alumni (ICAN) 2.0 in November 2023
- 3. KPI target has been met for the year 2023.









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2023 Initiatives Progress Update as of end December 2023 (4/9)

Legena
 On schedule or ahead of schedule
Up to 15% behind schedule
More than 15% behind schedule
Pending outcome / Projection NS
n/a Initiative's activity has not started

Initiative	Led by	KPI for 2023	Progress Update Report	Status
E1: OGSE Fina	ance Centre o	f Excellence		
E1	mprc nutrate a protection reconstrate desponents	Satisfaction rate on Center of Excellence for OGSE financial facilities • Target: 70% satisfaction rate	 The satisfaction surveys received 98.3% satisfaction rate from multiple surveys conducted as of end December 2023. The survey explored & sought feedbacks from OGSE fraternity on financing facilities provided on the Center of Excellence (CoE) website. KPI target has been met for the year 2023. 	
E3: OGSE Alte	ernative Finar	ncing Platform		
E3	mprc nation approxim resource consistin	Number of potential OGSE companies interested to pursue alternative financing funds • Target: 5 companies	 A total of 7 OGSE companies has indicated interest to pursue with alternative financing and has engaged with the alternative financing providers. 1 company has successfully secured funding from Capsphere Services through the alternative financing offerings. KPI target has been met for the year 2023. 	

2023 Initiatives Progress Update as of end December 2023 (5/9)

Legena
On schedule or ahead of schedule
Up to 15% behind schedule
More than 15% behind schedule
Pending outcome / Projection NS
n/a Initiative's activity has not started

Initiative	Led by	KPI for 2023	Progress Update Report	Status
B4: Fiscal Fac	cilitation for T	echnology Adoption		
B4		Number of OGSE companies apply for MIDA fiscal facilitation • Target: 10 OGSE Companies	 A total of 10 OGSE companies have applied for MIDA fiscal facilitation for Technology Adoption as of end December 2023. The facilitation applied by OGSE Companies are as follow: 4 OGSE companies have applied for fiscal facilitation Industry4WRD Intervention Fund 3 OGSE companies have applied for Tax Incentive (Pioneer Status or Investment Tax Allowance) 3 OGSE companies have received facilitation from MIDA for Import Duty and Post-Incentive. KPI target has been met for the year 2023. 	
B6: In-shorin	g of R&D acti	vities & high-value manufacturing from MNCs		
B6	Mountain But Table 2 And Control of Audition 17	Number of MNCs approved for new/ expansion projects • Target: 3 MNCs	 4 MNCs were approved for expansion project as of end December 2023: (100% foreign owned) to manufacture marine and land seismic survey systems & equipment. (95.71% foreign owned) to manufacture parts & components for downhole tools and casing and tubing for oil & gas industry, sand screen control filtering equipment. (49% foreign owned) to manufacture fabricated metal jacketing and prefabricated fittings for use over insulation. (100% foreign owned) to manufacture marine arm. KPI target has been met for the year 2023. 	



2023 Initiatives Progress Update as of end December 2023 (6/9)

Legena
On schedule or ahead of schedule
Up to 15% behind schedule
More than 15% behind schedule
Pending outcome / Projection NS
n/a Initiative's activity has not started

Initiativ	e Led by	KPI for 2023	Progress Update Report	Status
D1: Orche	stration of cons	ortiums for OGSE players, with facilitation of seed financing		
D1	MATRADE	 Number of Consortiums facilitation arranged by MATRADE for OGSE Companies Target: 3 companies 	 3 companies have received Consortiums facilitation arranged by MATRADE as of end December 2023. MATRADE has organised meetings with the Malaysian companies who were interested in consortium facilitation to discuss on the support/ incentives provided by the Government. KPI target has been met for the year 2023. 	
D2: Expor	t Support Incen	tive to OGSE segments which are export ready		
D2	MATRADE	 Number of Finance Matching arranged by MATRADE for OGSE companies Target: 25 Companies 	 Total of 28 companies have received assistance for Finance Matching arranged by MATRADE as of end December 2023. MATRADE has organised meetings between Malaysian exporters that require export support incentives with agencies such as EXIM, SME Bank, MIDF and SJPP. KPI target has been met for the year 2023. 	



2023 Initiatives Progress Update as of end December 2023 (7/9)

Legena
On schedule or ahead of schedule
Up to 15% behind schedule
More than 15% behind schedule
Pending outcome / Projection NS
n/a Initiative's activity has not started

Initiative	Led by	KPI for 2023	Progress Update Report	Status
D3: Mitigat	ion of export ri	sk through debt collection, export risk insurance & arbitration		
D3	// TATRADE	Number of Companies facilitated for export risk through debt collection, export risk insurance & arbitration by MATRADE for OGSE companies • Target: 10 companies	 1. 15 companies were facilitated under the initiative of mitigation of export risk through the export risk insurance as of end December 2023. 2. MATRADE organised meetings for Malaysian exporters to help them understand export risk insurance and its benefits. 3. KPI target has been met for the year 2023. 	
D5: Energy	Export Fund			
D5	// ATRADE	Number of Companies to be assisted under Energy Export Fund by MATRADE for OGSE companies • Target: 20 companies	 22 OGSE companies were assisted under Energy Export Fund as of end December 2023. Throughout the year, MATRADE has assisted OGSE companies under the initiative - business meetings to connect the Malaysian exporters with the foreign importers. KPI target has been met for the year 2023. 	

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2023 Initiatives Progress Update as of end December 2023 (8/9)

Legend
 On schedule or ahead of schedule
 Up to 15% behind schedule
 More than 15% behind schedule
 Pending outcome / Projection NS

			n/a Initiative's activity ha	is not starte
Initiative	Led by	KPI for 2023*	Progress Update Report	Status
B5: Overseas	researcher o	utreach program		
B5 RENAME	TalentCorp GROUP OF COMPANIES	Numbers of Malaysians abroad engaged/ participate in outreach programme (physical/virtual) including career fairs and networking/engagement sessions. • Target: 300 Malaysians abroad	 A total of 362 Malaysians abroad participated and engaged in the engagement sessions organized. TalentCorp organized a virtual engagement session called "REP Networking Session". The session was specially curated for the Returning Expert Programme (REP) applicants to get information on the outlook of the companies' industries and employment opportunities within OGSE sectors. TalentCorp also extended physical outreach efforts to several key locations including the UK, Abu Dhabi, Singapore, Indonesia and Brunei to connect with Malaysian talents worldwide, fostering collaboration, co-creation, and knowledge-sharing. KPI target has been met for the year 2023. 	
C4: Expert me	entorship fro	m ex-OGSE talents		
C4	TalentCorp GROUP OF COMPANIES	Numbers of participants mentored under #Walkwithme-OGSE Industry" Mentoring Programme and Inno[V]ate: Innovation Festival (OGSE Pillars) • Target: 300 participants	 A total of 322 participants joined #Walkwithme OGSE Industry Mentoring Programme as of end December 2023. As part of the #Walkwithme OGSE Industry Mentoring programme, TalentCorp collaborated with Oil and Gas Asia (OGA) to organize the NextGen Elevation: Powered by TalentCorp sharing session to help students explore the vast range of opportunities available in the oil and gas sector. KPI target has been met for the year 2023. 	

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2023 Initiatives Progress Update as of end December 2023 (9/9)

Legend
 On schedule or ahead of schedule
 Up to 15% behind schedule
 More than 15% behind schedule
 Pending outcome / Projection NS
 n/a Initiative's activity has not started

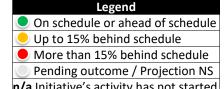
			n/a Initiative's activity ha	as not starte
Initiative	Led by	KPI for 2023	Progress Update Report	Status
B2: R&D ap	prenticeship p	rogram		
B2	MOGSC	Number of OGSE companies coached on R&D proposals and programming • Target: 45 companies	 Tracking and monitoring is put on hold as per the decision made by National OGSE SC Meeting No. 1/2023. On-going collaboration between MOGSC & PETRONAS TDEX. PETRONAS TDEX currently engaging with 6 Working Groups under MOGSC and offering MOGSC members to undertake fully developed technology/solutions to be commercialized. MOGSC collaborates with PETRONAS GR&T on commercialization and R&D initiatives where PETRONAS GR&T provided 3 solutions that were fully developed and ready for commercialisation for MOGSC members to take-up. 	n/a
E2: Financia	al management	workshops		
E2	MOGSC MORENITA DE MANASCHINGA	Number of OGSE companies attended the Financial Management Workshop • Target: 100 companies	 Tracking and monitoring is put on hold as per the decision made by National OGSE SC Meeting No. 1/2023. MOGSC had organized an ESG Awareness Programme for MOGSC members during the Members Day on 12th October 2023. Attended by approximately 200 participants. The session conducted by Galaxy Tech Solutions. MOGSC will consider to collaborate with MPRC or any other Government agencies to conduct financial workshop in the future. 	n/a
F1: Centralis	sation of OGSE	Bumiputera assistance		
F1	TERAJU	Percentage of successful OGSE applicants/ recipients in the programs • Target: 50%	 80% successful OGSE applicants i.e. 8 out of 10 qualified OGSE applicants have been granted financial assistance as of December 2023. The total value of assistance for the 8 companies are RM 6,787,044. KPI target has been met for the year 2023. 	

Summary

Milestone-based Progress Update as of end December 2023

OGSE Portal

2023 Initiatives Progress Update as of end December 2023 (1/2)



			n/a Initiative's activity ha	as not started
Initiative	Led by	KPI for 2023	Progress Update Report	Status
B3: Secondm	nent of local ta	alent to foreign R&D centers		
B3	mprc natural personan resorces corporation	 Operationalisation of Secondment of local talent to foreign R&D centers Target: Identification of the first batch of local OGSE talents and foreign R&D center that can participate in the secondment program 	 Engagement with CSIRO Energy Australia was held in November 2023. The discussion explores opportunities to identify high level pressing technical & scientific challenges as well as value proposition for collaboration which include talent exchange. Follow up discussions are planned within Q1 2024 to deliberate on the mechanism, execution and timeline, among others. KPI has not been met for the year 2023. 	
B7: OGSE IP I	marketplace			
B7	mprc nativate persolven resource consented	Operationalisation of OGSE IP marketplace Target: Identifying collaborating partners and plan to develop the centralized OGSE IP Marketplace	 Project Team has identified and engaged with several organizations such as MyIPO and MRANTI on their respective IP and technology-related platforms i.e. IPR Marketplace and MATCH The parties agreed to explore cross collaboration in promoting IP generated by OGSE Companies into the platform as well as co-create value for market access. KPI target has been met for the year 2023. 	
E4: Special g	rowth facility	for nascent adjacencies		
E 4	mprc makes a promon recordes proportion	Operationalisation of Special growth facility for nascent adjacencies • Target: Linking of new special growth facility to i-	 Special growth facility by MDV has been successfully linked and is available on the i-OGSE Portal since 28 August 2023 Project team has engaged Malaysia Green Technology And Climate Change (MGTC) and Malaysia Debt Venture (MDV) to understand the depth and characteristic of market and opportunities for OGSE companies to tan into 	

characteristic of market and opportunities for OGSE companies to tap into.

3. KPI target has been met for the year 2023.



2023 Initiatives Progress Update as of end December 2023 (2/2)

Legend
On schedule or ahead of schedule
Up to 15% behind schedule
More than 15% behind schedule
Pending outcome / Projection NS
n/a Initiative's activity has not started

			n/a initiative 5 activity no	as not started	
Initiative	Led by	KPI for 2023	Progress Update Report	Status	
C3: Expans	sion of Engineeri	ng courses			
C3	MINISTRY OF HIGHER EDUCATION	 Operationalisation of Expansion of Engineering Courses Target: Engagement with relevant subject matter experts, universities, and identification of relevant adjacent sector topics for the initiative. 	 Mesyuarat Penyelarasan Pelaksanaan Pelan Tindakan Industri Perkhidmatan dan Peralatan Minyak dan Gas (OGSE) Nasional 2021 – 2030 was held on 6 November 2023 between Ministry of Higher Education (MOHE), Department of Higher Education (JPT) and Malaysia Council of Engineering Deans (MCED). The meeting agreed to offer renewable energy courses at two (2) pilot universities namely Universiti Teknologi Malaysia (UTM) and Universiti Teknologi Petronas (UTP) starting September 2024. This matter has also been endorsed by the Steering Committee Meeting No. 2/2023 on November 9, 2023. KPI target has been met for the year 2023. 		
D4: Engagements with foreign NOCs in high-potential markets					
D4	ATRADE	Operationalisation of Engagements with foreign NOCs in high-potential markets	 Several foreign NOCs including those from Sudan, Oman and UAE have been identified to be matched with Malaysian companies. MATRADE organised meetings between Malaysian OGSE companies with the identified foreign NOCs abroad 		
		 Target: Engage Foreign NOCs in high potential markets 	identified foreign NOCs abroad3. KPI target has been met for the year 2023.		



3 Upcoming Key Items

Not Started

Key items timeline

Completed **Ongoing Key Dates Items** Jul 2023 East Coast OGSE Roadshow 2023 Quarterly Report Q2 2023 Distribution Jul 2023 Sep 2023 2024 KPI setting workshop with all initiative leads Oct 2023 National OGSE Roadshow 2023 Oct 2023 Quarterly Report Q3 2023 Distribution Steering Committee Meeting No. 2/2023 Nov 2023 Jan 2024 Quarterly Report Q4 2023 Distribution Mid Term Review Study Kick Off Mar 2024 Quarterly Report Q1 2024 Distribution Apr 2024 Mid Term Review Workshop May - Jun 2024 Steering Committee Meeting No. 1/2024 Jun 2024





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