

# The MIOG SPARKS

## NEWSLETTER

4th June, 2025



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## Editorial Note

Welcome to the April-May 2025 edition of the MIOG Sparks Newsletter, your monthly round-up of progress, partnerships, and people shaping the future of technical training in Kenya. From welding booths to boardrooms, we've been busy forging new pathways, celebrating student milestones, and deepening industry ties.

As we continue to equip Africa's workforce with world-class skills, this issue captures the passion, precision, and purpose behind every achievement. Dive in!

# MIOG and BIHC Unite in Transformative Partnership to Elevate Kenya's Hospitality Industry

As an established International Centre of Excellence for skills development, Morendat Institute of Oil and Gas National Polytechnic has signed a landmark five-year Memorandum of Understanding (MOU) with Boma International Hospitality College (BIHC). This strategic alliance is set to enhance Kenya's hospitality sector by equipping the next generation of professionals with world-class skills.

The collaboration will see the introduction of new diploma programs at MIOG's MTCC Naivasha campus, including Housekeeping and Accommodation, Food & Beverage Production, and Baking Technology. These programs aim to expand training opportunities and offer learners clear pathways into the job market.

As part of the agreement, MIOG students will undertake their practical training at BIHC's world-class facilities. Through this partnership, MIOG and BIHC will jointly address critical skills gaps in the hospitality industry by delivering quality training, promoting applied research, and developing dynamic academic programs. The MOU also opens avenues for funding support, job placement opportunities, and entrepreneurship development, empowering youth while contributing to national economic growth.

MIOG remains steadfast in its commitment to excellence, impact, and building a future where Kenya's youth thrive as skilled, confident, and competitive professionals on the global stage.



*Left: Mike Macharia (BIHC Board chairman), (Right) Dr. Nancy Kosgei (MIOG Director)*



*Morendat Institute of Oil and Gas (MIOG) and BIHC staff posing for a group photo.*



*Chris Burton(Left) Head of Culinary at BIHC, giving MIOG staff a tour of the BIHC Kitchens*



# MIOG, KPC Foundation and CREAM Cement Strategic Partnership to Empower Young Vulnerable Women.



*Young Women in a sensitization session by MIOG staff at Mukuru Training Centre*

In a bold and transformative step to break cycles of gender-based violence and economic exclusion, the Morendat Institute of Oil and Gas National Polytechnic (MIOG), in partnership with the Kenya Pipeline Company (KPC) Foundation and the Centre for Rights Education and Awareness (CREAW), signed a four-year Memorandum of Understanding (MoU).

This strategic collaboration aims to empower marginalized young women, particularly survivors and those at risk of gender-based violence (GBV) in Nairobi and Mombasa, through access to technical and vocational education.

The partnership will provide fully sponsored training in high-demand technical fields, bridging the gap between vulnerability and opportunity for women aged 18 to 35. Through this initiative, beneficiaries will receive technical skills, coaching, mentorship, and industry exposure, creating pathways to long-term economic independence and restored dignity.

Under the MoU, CREAM's Jasiri Program will identify and enroll eligible candidates; the KPC Foundation will be pivotal in internship placements and forging industry linkages to enhance employability and MIOG will deliver hands-on training in critical skills such as Welding & Fabrication, CNC Machining, Refrigeration and Air Conditioning, Electrical Installation, and Fire Safety, to equip participants with practical capabilities aligned with market demands.

To enhance the partnership, MIOG conducted a sensitization session at Mukuru Training Centre on 09th May 2025, to raise awareness about the institute's training programs and the opportunities available to young women. The session reinforced the commitment of all partners to ensure that access to life-changing education reaches the grassroots.

Following the partnership, MIOG will enroll its first welding cohort from the Jasiri program in June 2025.

# Powering Kenya's Future: MIOG and Multimedia University Forge Strategic 5-Year Partnership to Advance Training and Innovation



*Extreme left: Gloria Kafafa, Dr. Nancy Kosgei, Prof. Geoffrey Kihara, Dr. Albert Muchei*

The Morendat Institute of Oil & Gas National Polytechnic is proud to announce the signing of a five-year Memorandum of Agreement (MoA) with Multimedia University of Kenya, setting the stage for a collaboration that will drive knowledge exchange, innovation, and capacity building in Kenya's energy and technology sectors.

Speaking during the signing, Dr. Nancy Kosgei, MIOG Director, emphasized the importance of forming strategic alliances with like-minded institutions committed to advancing practical skills, research, and innovation in ways responsive to industry demands. "This strategic collaboration marks a significant step in MIOG's mission to link academia with industry," she said.

Besides, the partnership opens exciting opportunities for staff and student exchange programs, consultancy services, and joint resource mobilization through grant proposals and scholarship development.

Beyond academic collaboration, the agreement places strong emphasis on graduate job linkages, business incubation, and shared corporate social responsibility initiatives. These initiatives align with MIOG's broader goal of delivering training and ensuring that learners are well-equipped to transition into meaningful employment and entrepreneurship.

Following the signing of the Memorandum of Agreement (MoA), the visiting team from MMU was taken on a guided tour of the MIOG facilities. This provided an immersive look into the Institute's state-of-the-art infrastructure, including the fully equipped welding booths, the Quality Control (QC) laboratory, and the smart classrooms. The MMU team was impressed with the high level of technical capability and instructional innovation on display, noting that the facilities not only support excellence in skills development but also reflect MIOG's deep commitment to producing industry-ready graduates.



*MIOG and Multimedia University leadership taking a tour of MIOG's labs*

This partnership reinforces MIOG's position as a center of excellence in technical and professional training and the many opportunities and collaborative successes that will unfold over the next five years.





*The 2<sup>nd</sup> Cohort of Specialized welding graduates*



*MIOG Director Dr. Nancy Kosgei cuts cake with the 2<sup>nd</sup> cohort of Specialized welding graduates*

## MIOG Graduates the 2nd Cohort Specialized Welders

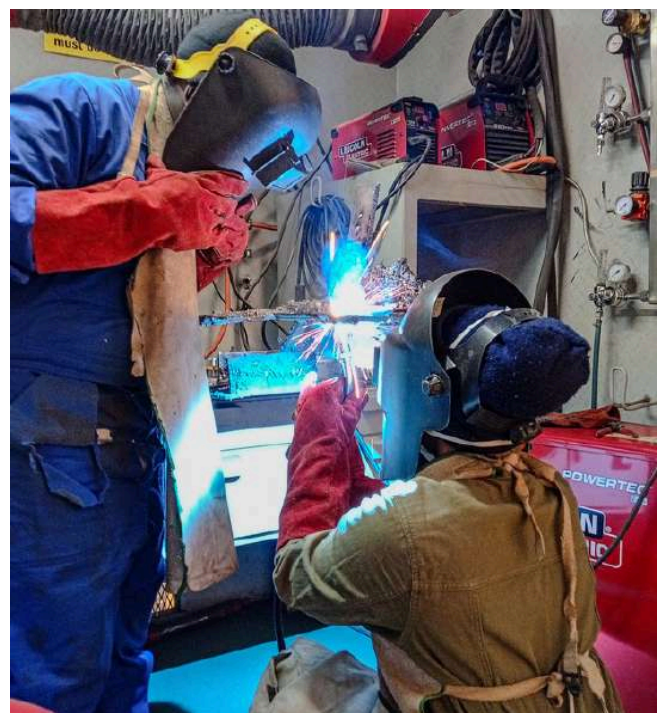
The Morendat Institute of Oil and Gas (MIOG) proudly celebrated the graduation of 16 students from Cohort 2 of its Professional Welding Course, certified under ISO 9606/1. This 3-month intensive program prepares students for international opportunities in the energy and construction sectors.

A key highlight was the inclusion of 4 female graduates, a significant increase from Cohort 1's single female participant, marking progress in promoting gender diversity in technical fields. The graduation ceremony was graced by MIOG leadership, staff, and partners. The Institution's Director, Dr. Nancy Kosgei, encouraged graduates to remain ambitious and become proud ambassadors of the institution. "The sky is not the limit, be the best at what you do," she urged.

Meanwhile, Cohort 3 students are excelling in practical training, consistently delivering high-quality welds as they prepare for their certification exams. Their performance underscores MIOG's commitment to rigorous, hands-on instruction that meets international benchmarks.

In addition to student training, MIOG is also active in industry-grade consultancy. Recently, a Welders' Performance Qualification Test for Varomatech Limited was carried out on a 6G (H-L045) mild steel pipe using the SMAW 111 process.

Key procedures, including dye penetrant root inspections and bend tests, were executed with precision to ensure compliance with top-tier welding standards. This blend of hands-on training and consultancy reinforces MIOG's mission to develop skilled professionals while supporting industry partners in meeting global certification benchmarks.



*MIOG Students in a welding session*

# Morendat and NEA Empower Welding Students for Global Opportunities

In a continued effort to equip our students with technical mastery and real-world career readiness, Morendat Institute of Oil & Gas hosted the National Employment Authority (NEA) for a sensitization session with the Welding ISO 9606-1 students. This session focused on critical employment agendas, including labour mobility, job market trends, career guidance, job linkages, and the processes involved in local and international migration.

During the engagement, NEA spotlighted its role in shaping employment pathways through structured career guidance, labour mobility insights, and the NEAIMS platform, an innovative tool designed to connect job seekers to verified, dignified opportunities within Kenya and globally. The exchange explored forward-looking strategies to equip graduates with the networks and tools needed to survive and thrive in today's fast-evolving job market.

Our welding students were grateful for the chance to engage with NEA experts, describing the session as eye-opening and inspiring. It boosted their confidence in pursuing quality employment through both technical skills and a clearer view of career pathways.

This collaboration reflects MIOG's commitment to holistic training, blending technical excellence with real-world exposure and our shared goal with NEA to empower youth for success locally and globally.



*MIOG Students in a session with the NEA team*



*Extreme Left: Dr. Nancy Kosgei, Director MIOG addressing students in a NEA Session*



*MIOG Students in a session with the NEA team*





# Contact US



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**MORENDAT INSTITUTE OF OIL AND GAS NATIONAL POLYTECHNIC**

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MIOG leads the way in Occupational Health Safety with NEBOSH certification training

Pictorials



MIOG and Seagull International Partner to Open Doors to Global Job Opportunities

A partnership between MIOG and an international firm to support young people in securing job opportunities in Saudi Arabia, Abu Dhabi, and Kuwait has resulted in the engagement of 73 youth in various job categories following a series of interviews held from 24th to 26th March, 2025. The employers themselves conducted the interviews.

The positions are strategically designed to meet the growing technical demands of these dynamic markets and span across various sectors within the construction industry, including masonry, carpentry, steel fixing, civil engineering, and labourers.

The exercise drew close to 300 interested applicants. The interviews were intensely technical, challenging candidates to demonstrate their skills and expertise across a range of construction roles. Of the 73 who qualified, the labourers' role benefited most, with 45 candidates. The number falls short of the required workers for the different job roles, and additional interviews will be held in April 2025. The exact dates will be announced. The successful applicants have already received their appointment letters and are currently completing the necessary travel documentation.

MIOG's involvement in the recruitment process underscores its commitment to equipping young people with the practical skills necessary to succeed in both local and international job markets. The caliber of talent presented during the interviews is expected to have a significant impact on the construction sectors in these countries, boosting the job market and raising the overall skill level in the rapidly evolving economies of the Middle East. Additionally, the jobs will help alleviate the country's current unemployment, leading to financial independence and economic growth.

This collaboration further underscores MIOG's commitment to creating opportunities for skilled professionals to thrive in the global economy by enhancing their careers and contributing to the growth of global industries.



The MIOG and Seagull team in a consultative meeting.

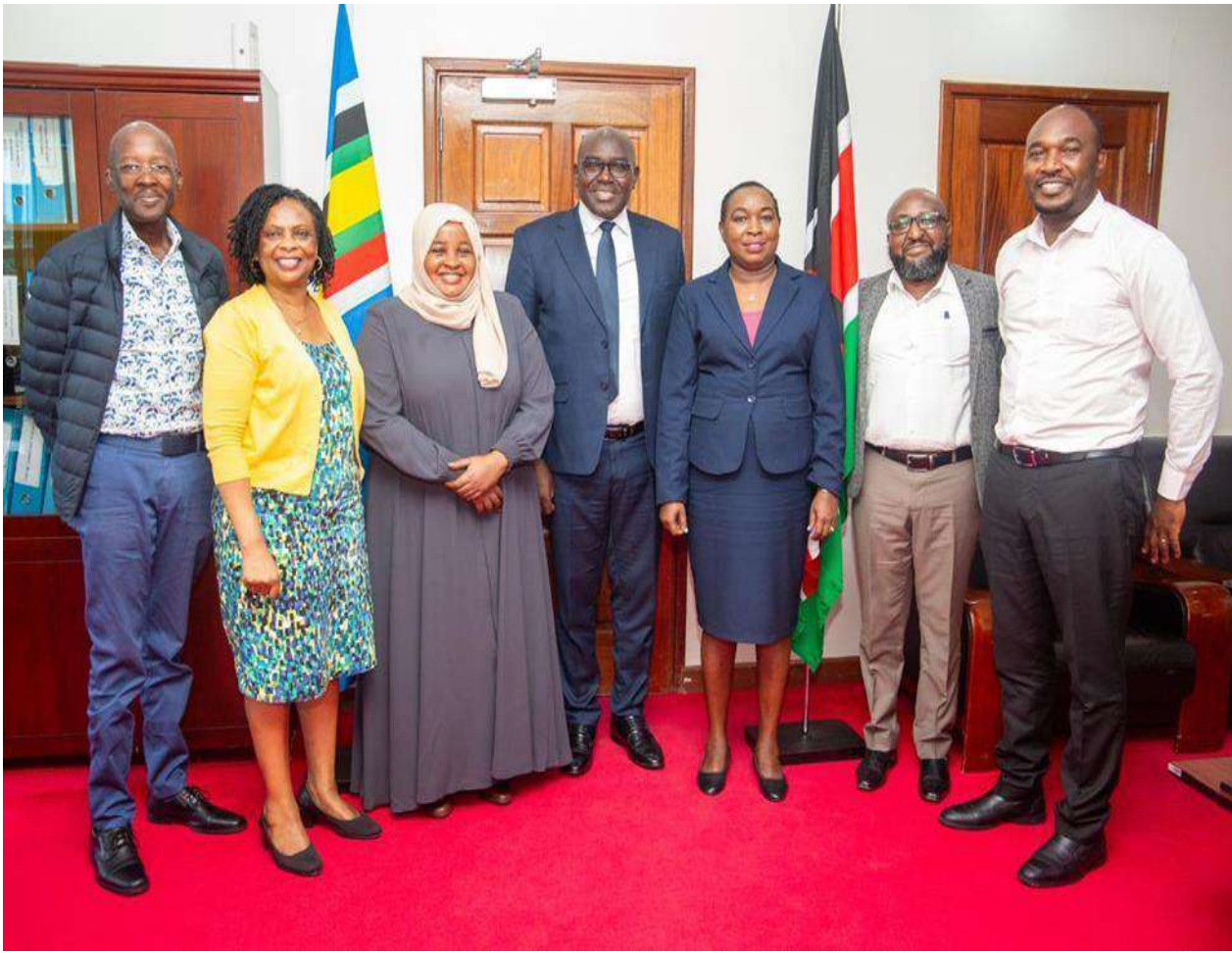


The MIOG team making their remarks during the opening of the interviews..



Practical interviews

Youth Fund and MIOG Forge Strategic Partnership to Empower Youth in the Oil and Gas Sector



The Youth Fund CEO (C) poses for a photo with the MIOG team

In a significant step towards fostering youth economic growth, the Morendat Institute of Oil and Gas (MIOG) and the Youth Fund have initiated discussions to explore potential collaborations that aim to support youth access to labour mobility funding. This followed a courtesy visit to the Youth Fund CEO Mr. Josiah Moriasi, by the MIOG team led by the Director, Dr. Nancy Kosgei.

The discussions focused on addressing a critical barrier that prevents many qualified youths from seizing job opportunities abroad, as well as the lack of financial resources to cover pre-travel expenses. Despite the abundance of job offers, many skilled youths are unable to pursue them due to financial challenges associated with pre-departure costs. Many are also unaware of the funding channels, despite the government's efforts to support those willing to access jobs abroad.

Mr. Moriasi expressed enthusiasm in partnering with MIOG, given the shared mission of helping youth achieve financial independence. The Youth Fund Board Chair, Wakili Fatuma Barayan, also attended the meeting and expressed support for any initiatives undertaken by the two organizations.

The discussions also explored several other potential areas of collaboration, including capacity building and raising awareness about local and international job opportunities.

To formalize this collaboration, both organizations are set to sign a Memorandum of Understanding (MOU) outlining a series of joint initiatives. Among them are sensitization efforts on job opportunities

and courses offered at MIOG; joint effort to seek equipment funding for MIOG's welding program to increase capacity given the current demand; labour mobility financing for MIOG welding graduates and beneficiaries of the joint recruitment program between MIOG and Seagull International; sensitization of MIOG as a center for Recognition of Prior Learning (RPL) to the local communities

through the various Youth Fund offices located in all the counties.

This partnership represents a powerful alignment of efforts to empower young people, enhance their skills, and provide them with the financial resources needed to capitalize on the growing global demand for skilled professionals.



MIOG collaborates with KUCCPS to Boost Access and Visibility of its Programs

In a strategic move to enhance the accessibility of its training programs, MIOG has partnered with the Kenya Universities and Colleges Central Placement Service (KUCCPS) to market its programs listed on the KUCCPS portal.

The five programs published on the KUCCPS student's portal for online application include Diplomas in Petroleum Management, Welding and Fabrication, Analytical Chemistry, Environmental Science, and Certificate in Welding and Fabrication

By leveraging on KUCCPS's extensive reach and the platform's ability to connect students with education opportunities nationwide, MIOG's programs will be exposed to a larger pool of potential students, enhancing enrollment and diversity within the institute.

The KUCCPS CEO, Dr. Wahome, commended MIOG for embracing the platform, which will ensure that students, particularly those in remote areas, have equal access to these courses. She also emphasized the integrity and efficiency of the KUCCPS application process, noting that it allows for transparent and direct communication with the Kenya National Examinations Council (KNEC), ensuring a fair and secure process for applicants.



Left: The CEO of KUCCPS, Dr. Wahome, presents the MIOG Director with a gift hamper.

MIOG Explores Collaboration with GIZ on Green Hydrogen Skills Development

MIOG has partnered with the German Corporation for International Cooperation (GIZ) in efforts to develop skills in the production of Green Hydrogen. This initiative is part of GIZ's ongoing efforts to incorporate sustainable energy solutions into technical curricula, aiming to prepare the workforce for emerging industries in the green energy sector.

Green hydrogen is produced through water electrolysis and is powered by renewable energy sources, such as solar and wind offering a clean and sustainable alternative to traditional hydrogen production, which relies on fossil fuels.

This environmentally friendly process plays a key role in decarbonizing industries such as transportation, manufacturing, and energy storage. As the world transitions to a low-carbon economy, green hydrogen is gaining increasing recognition for its potential to reduce emissions, create jobs, and promote energy independence.

The partnership aims to explore the possibility of incorporating Green Hydrogen production into MIOG's training programs, either by integrating the subject matter into existing curricula or by developing specialized, new courses.

GIZ has committed to covering the costs associated with creating these curricula, presenting an incredible opportunity for MIOG to expand its offerings in line with the global shift toward sustainable energy practices.

MIOG is particularly enthusiastic about this initiative, especially following its recent elevation to a national polytechnic. This new status provides a solid foundation for MIOG to develop and tailor its own specialized curricula, including those focused on cutting-edge technologies such as green hydrogen. By being at the forefront of this transition, MIOG can better serve the growing demand for skilled professionals in the green energy sector.



The GIZ team, Dr. Sam Ikingya (3rd L) and Dr Hellen Guantai (3rd R) with the MIOG Director, Dr. Nancy Kosgei (C) and the MIOG team.



The GIZ team touring the MIOG welding school



MIOG Reinforces its Commitment to Excellence with the International Certified Welder Program

The International Certified Welder program has been a resounding success, thanks to our strategic partnership with CTC Weld Training & Consultancy, which enables us to train our students to international standards.

The three-month course, leading to ISO 9606-1 certification in Welding Training Processes (SMAW 111 and GMAW 135), equips trainees with the skills needed to pursue rewarding job opportunities in countries such as Australia, Poland, Norway, Slovakia, the United Arab Emirates, and Saudi Arabia, among others. The demand for skilled welders is also

rising across European countries due to industrial growth and the need for infrastructure development. MIOG’s welding training program addresses this gap by providing students with the expertise and hands-on experience required to meet the industry’s evolving needs.

In light of this, MIOG has graduated the first cohort of the welding program following certification by the South African Welding Institute (SAWI). The first batch of welders is about to begin their relocation, marking

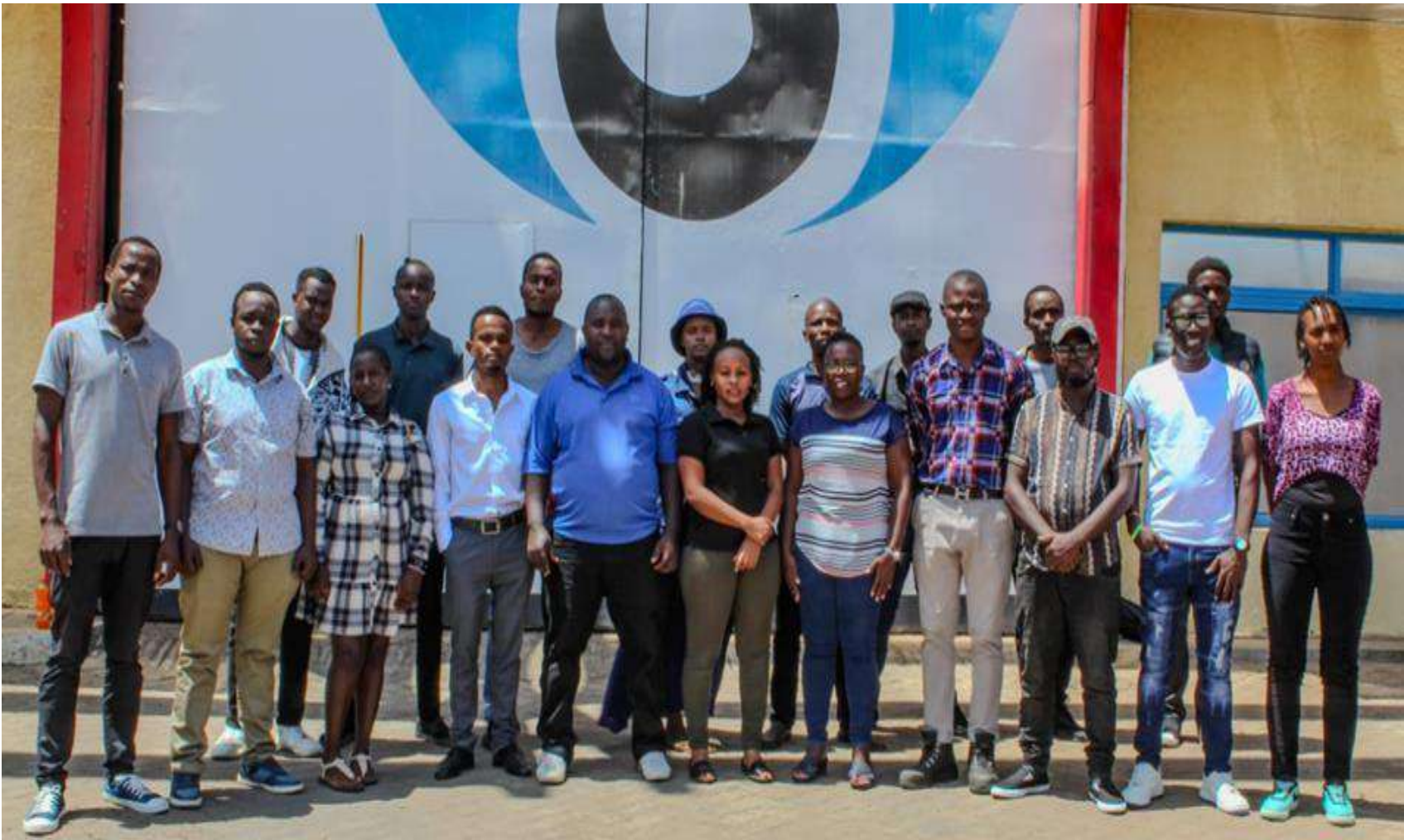
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The second cohort has also successfully completed their training and are awaiting certification by the South African Welding Institute (SAWI).

The third cohort reported for training on 10<sup>th</sup> March and is set to complete their training on 30<sup>th</sup> May 2025



The first cohort of graduates from the International Certified Welder program were awarded their ISO 9606 certificates.



The 2<sup>nd</sup> cohort of the International Certified program pose for a photo with Eng. Lucy Kariuki (5<sup>th</sup> R) after completing their examinations

MIOG leads the way in Occupational Health Safety with NEBOSH certification training

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This UK-based awarding organization offers professional qualifications to individuals seeking to advance their careers in the energy sector, equipping them with the essential knowledge and skills necessary to ensure workplace safety compliance. Currently, MIOG is the only institution in the country offering this coveted course.



The NEBOSH trainees after completing their NEBOSH training at MTCC Naivasha



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MIOG staff showcases the fire training equipment at The Eldoret Agricultural Society of Kenya show.



The 3<sup>rd</sup> Cohort of the International Certified Welder program during their first week of training

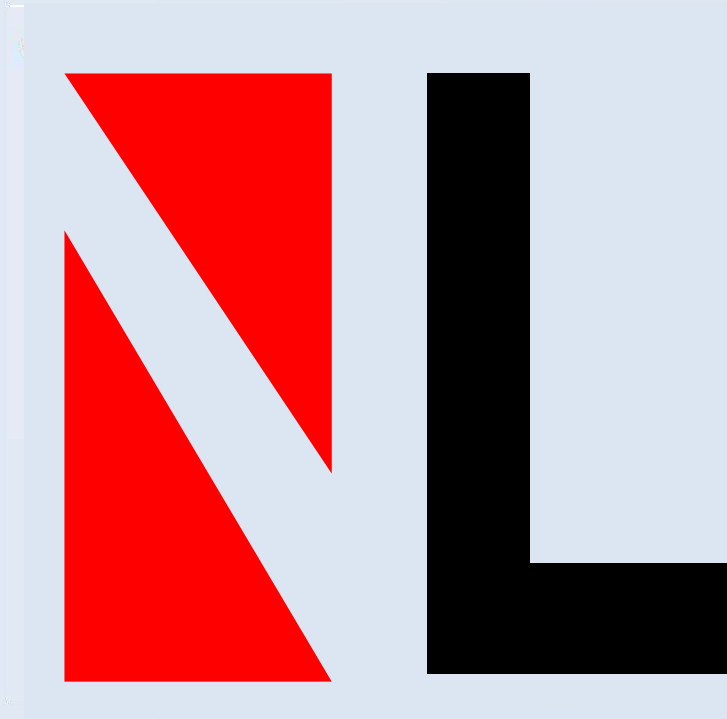


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MTCC Naivasha showcased at the Holiday Tourism Fair held at Sarit Centre from 26<sup>th</sup> -30<sup>th</sup> March, 2025.





# NewsLetter



**MORENDAT INSTITUTE OF OIL AND GAS NATIONAL POLYTECHNIC**

# NEWSLETTER



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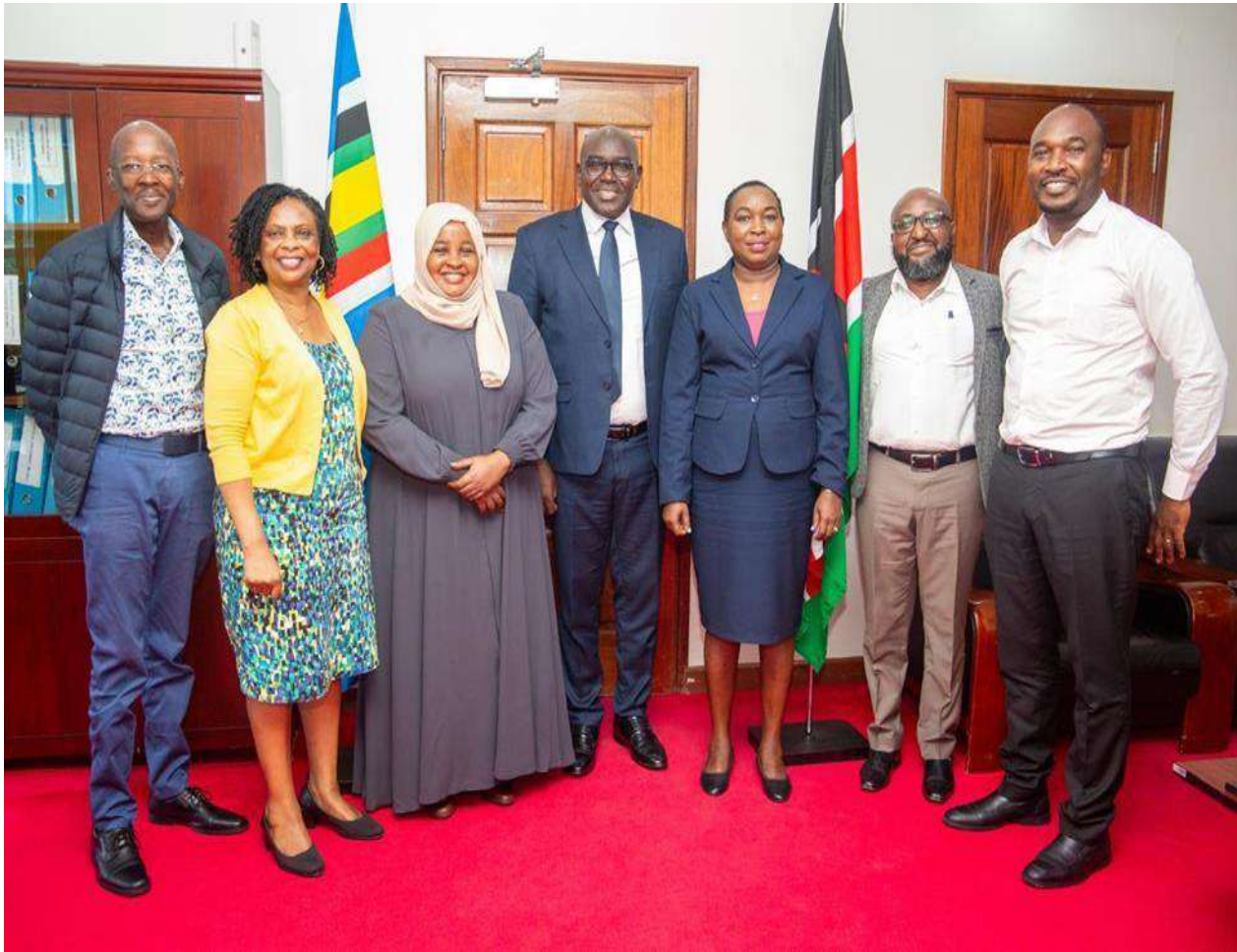
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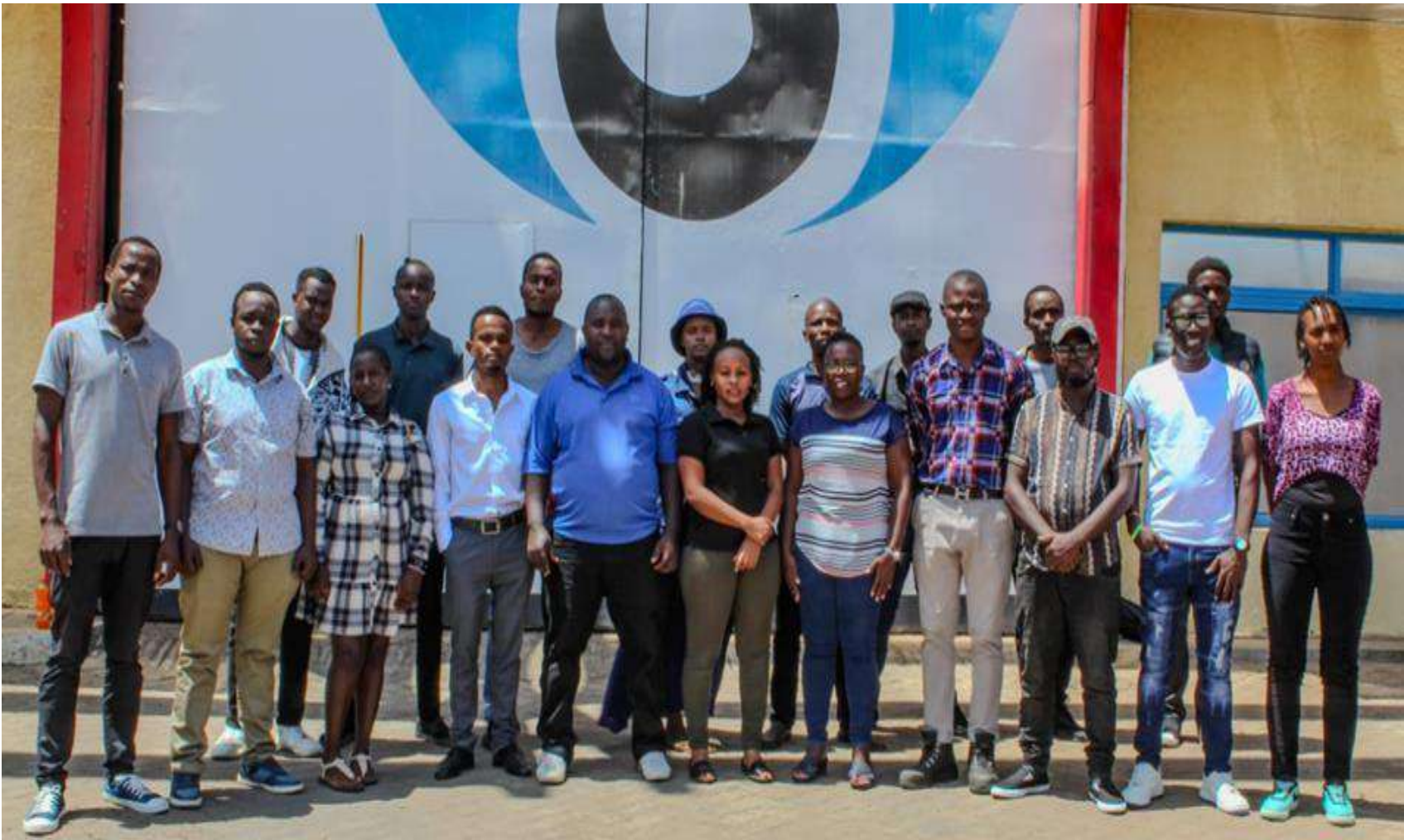
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JAN – MAR 2025

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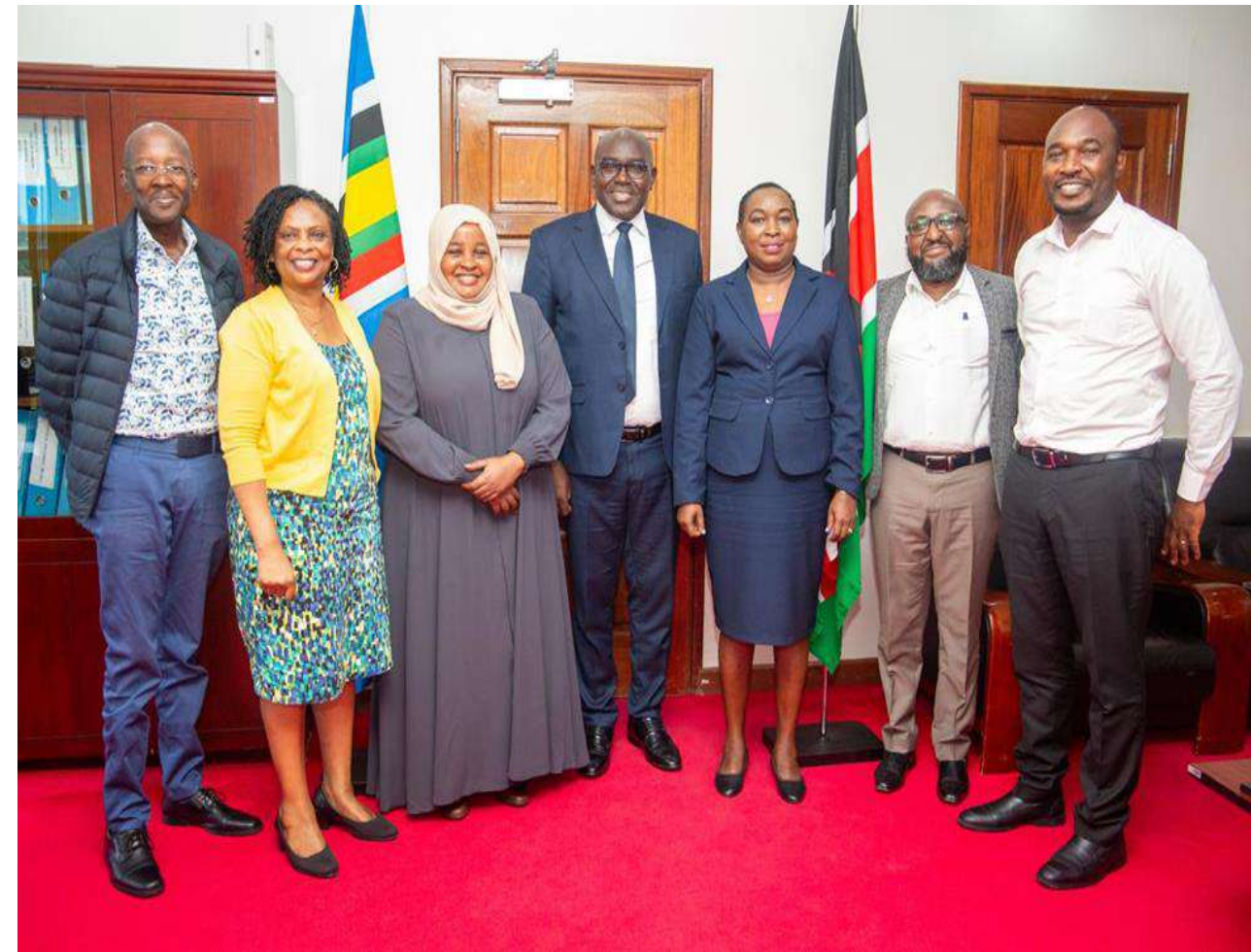
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associated with pre-departure costs. Many are also unaware of the available funding channels, despite the government's efforts to support those willing to access jobs abroad.

Mr. Moriasi expressed enthusiasm in partnering with MIOG, given their shared mission of helping youth achieve financial independence. The Youth Fund Board Chair, Wakili Fatuma Barayan, also attended the meeting and expressed support for any initiatives undertaken by the two organizations.

The discussions also explored several other potential areas of collaboration, including capacity building and raising awareness about local and international job opportunities.

To formalize this collaboration, both organizations are set to sign a Memorandum of Understanding (MOU) outlining a series of joint initiatives. Among them are sensitization efforts on job opportunities and courses offered at MIOG; joint effort to seek equipment funding for MIOG's welding program to increase capacity given the current demand; labour mobility financing for MIOG welding graduates and beneficiaries of the joint recruitment program between MIOG and Seagull International; sensitization of MIOG as a centre for Recognition of Prior Learning (RPL) to the local communities through the various Youth Fund offices located in all counties.

This partnership represents a powerful alignment of efforts to empower young people, enhance their skills, and provide them with the financial resources needed to capitalize on the growing global demand for skilled professionals.



# MIOG and Seagull International Partner to Open Doors to Global Job Opportunities

A collaboration between MIOG and Seagull International resulted in a series of interviews for international job opportunities across Saudi Arabia, Abu Dhabi, and Kuwait from 24th-26th March 2025. The positions, spanning various sectors within the construction industry, include masonry, carpentry, steel fixing, civil engineering foremen and supervisors, as well as labourers, and are strategically designed to meet the growing technical demands of these dynamic markets.

The exercise drew close to 300 interested applicants. The interviews were intensely technical, challenging candidates to demonstrate their skills and expertise across a range of construction roles. A total of 73 applicants qualified for the positions, with the labourer role having the highest number of 45 qualified candidates. However, this number falls short of the required amount for the different job roles and additional interviews will be held in April 2025, with the exact dates to be announced. The successful applicants have already received their appointment letters and are currently completing the necessary documentation for labor migration.

MIOG’s involvement in the recruitment process underscores its commitment to equipping young people with the practical skills necessary to succeed in both local and international job markets. The caliber of talent presented during the interviews is expected to have a significant impact on the construction sectors in these countries, boosting the job market and raising the overall skill level in the rapidly evolving economies of the Middle East.

This collaboration further underscores MIOG’s commitment to creating opportunities for skilled professionals to thrive in the global economy by enhancing their careers and contributing to global industries.

*The teams from MIOG and Seagull International making their remarks during the opening of the interviews.*







*The Seagull International team conducting the interviews for the applicants*



# MIOG ERT Training Team Enhances Emergency Preparedness at KENGEN Power Stations

The MIOG Emergency Response Team (ERT) recently carried out an essential hands-on training drill at KENGEN's Gitaru Power Station, focusing on practical emergency response techniques crucial for the station's safety. This drill allowed team members to simulate real-life emergency scenarios, ensuring that all safety measures and protocols are effectively understood and practiced. The training covered key aspects such as fire response, evacuation procedures, and coordination during a crisis.

Following the drill, the team visited Kiambere Power Station to evaluate its emergency preparedness. The focus of the visit was to check the station's operational status and ensure that the emergency fire water supply was fully available and functional. This assessment is part of KENGEN's ongoing commitment to maintaining high safety standards across all its facilities.

MIOG is dedicated to ensuring safety in the energy sector, especially in handling situations that could negatively impact any operations and surrounding communities.



*The MIOG team conducting safety drills for the staff at Gitaru Power Station*



*The MIOG team at the Kiambere Power Station*



## EPRA staff benefit from MIOG Introduction to Safety, Health and Environment course

MIOG conducted a 5-day training program in Introduction to Safety, Health and Environment in the Oil and Gas Sector for officials from Energy and Petroleum Regulatory Authority (EPRA) Kenya at MTCC, Naivasha, from 2nd-6th December 2024.

EPRA Kenya, a key regulatory body in the country's energy sector, plays a crucial role in overseeing the safety and sustainability of energy and petroleum operations. As the industry evolves and faces new challenges, there is an increasing need to ensure that safety, health, and environmental concerns are addressed with the highest standards. This training program, developed by MIOG's seasoned experts, was tailored to empower EPRA officials with the tools to meet these demands.

The program helps the learners acquire the skills to identify and mitigate workplace hazards, maintain a healthy working environment and implement eco-friendly standards thus strengthening their ability to enforce safety regulations and sustainability across the energy sector in Kenya



Participants of the Introduction to SHE training program, officially opened by the DD MIOG, Prof. Kimani Chege.

## MIOG trains for EWURA and EPRA in Incident Investigation & Reporting training

MIOG recently conducted a 5-day training program in Incident Investigation & Reporting training for EWURA and EPRA Kenya. The training equipped the participants with the skills to identify root causes, mitigate risks, and implement effective corrective actions. This training strengthened their ability to uphold safety regulations and foster a culture of accountability, ensuring a safer and more sustainable working environment. Relevant to every participant, it plays a crucial role in enhancing safety practices and reporting standards across industries, driving a culture of continuous improvement.



EPRA top management team during the training held at MTCC, Naivasha

## EWURA staff participates in Fundamentals of Oil and Gas (MIOG 101) training program

MIOG delivered a five-day training course on the Fundamentals of Oil and Gas for Tanzania's Energy and Water Utilities Regulatory Authority (EWURA). Held in Nairobi, this intensive program provided a robust foundation in the oil and gas industry's key processes, dynamics, and challenges, empowering EWURA's team with the knowledge to regulate and oversee this vital sector effectively.

The course provides a solid understanding of upstream, midstream, and downstream oil and gas processes, covering every industry phase from licensing and exploration to production and decommissioning. It equips participants with critical insights into the entire oil and gas value chain, allowing them to better navigate the complex regulatory landscape of energy resources.



The participants pose for a photo with the DD MIOG, Prof. Kimani Chege

## MIOG trains for CBK in Occupational Health and Safety (OSH) Committee

MIOG delivered a five-day training course in Occupational Health and Safety (OSH) Committee for individuals from Central Bank of Kenya (CBK) at MTCC, Naivasha from 25th -29th November, 2024. The program is designed to help organizations improve their safety and health performance by providing participants with the knowledge and skills to reduce workplace risks and enhance health and well-being.



The CBK team during the training



## Celebrating the Journey and Success of MIOG’s Inaugural International Certified Welders

At Morendat Institute of Oil and Gas, the success of our students is at the heart of everything we do. On 19th November, we proudly celebrated a significant milestone as our inaugural cohort of the International Certified Welder program completed their rigorous three-month training, ready to step into the welding industry with a certification that reflects their hard-earned skills and dedication.

Their training culminated in a comprehensive examination of their welding techniques, first evaluated by the Kenya Bureau of Standards and then by the South African Institute of Welding for final assessment and grading. This process ensured that each student’s skills were measured against internationally recognized standards, confirming their readiness to tackle the industry’s challenges.

Over the three months, the trainees, led by expert trainers from CTC Weld Training and Consulting, embarked on a transformative journey. They learned the fundamentals of welding and critical techniques, safety protocols, and best practices that define a true professional. The hands-on approach to training provided them with the real-world experience necessary to excel in the field.

Looking back on their journey, the group of eager learners has blossomed into a team of highly skilled, certified welders poised to make a significant impact in the welding industry.



Some of the trainees welding exam projects

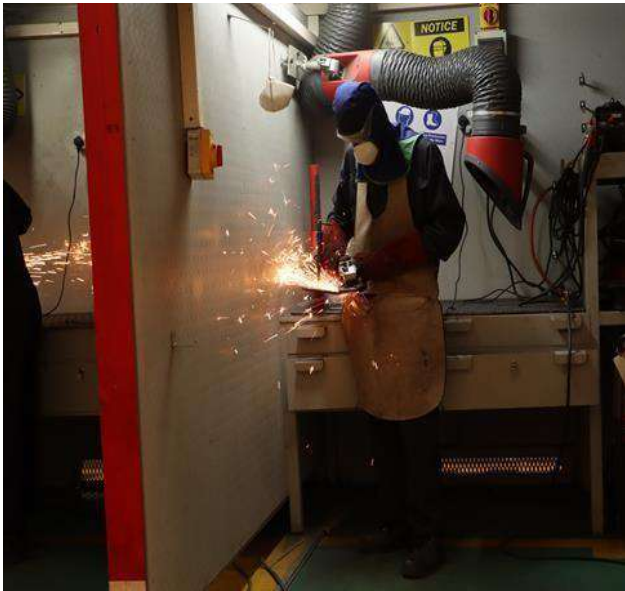
The achievements are a testament to the power of hands-on, practical training and the high standards that define Morendat Institute of Oil and Gas. As these graduates embark on their careers, we are confident that their success will inspire the next generation of welders to push the boundaries of the industry and continue to elevate the standards of craftsmanship and innovation in welding.



The trainers from CTC Weld awarded the trainees with the completion certificates



The trainees working on their exam projects



## MIOG enrolls its second cohort of the International Certified Welder Training

After successfully graduating the inaugural welding trainees, the 2nd cohort was admitted on 18th November 2024. The trainees underwent an immersive one-week orientation covering the core fundamentals of welding, setting the foundation for the comprehensive training ahead. During this time, they interacted with the MIOG administration team and the CTC Weld Training and Consulting trainers, besides familiarizing themselves with the tools and techniques they would soon master.

The trainees are already showing significant progress, and we are excited to see them grow, develop skills, and eventually join the ranks of skilled welders, ready to impact the global stage.



The trainees during the Induction week, posing with the Administration team and the trainers from CTC Weld Training & Consulting



The students have already transitioned into the welding booths



# NOV- DEC E- Newsletter

## Morendat Institute of Oil and Gas National Polytechnic

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# A LETTER FROM MIOG

## 1<sup>st</sup> Quarter News Letter





## MIOG TAKES WELDING TRAINING A NOTCH HIGHER BY PARTNERING WITH AN AUSTRIAN FIRM TO EXPORT CERTIFIED WELDERS.

Morendat Institute of Oil and Gas (MIOG) has partnered with Austrian firm CTCweld Training and Consulting to offer professional training in certified welding. Under the International Welding Standard ISO 9606, the three-month course covers two main processes: shielded Metal Arc Welding and Metal Active Gas. Graduates will have the exciting opportunity to work in the European nations of Poland, Romania, Slovakia, and the Middle East, opening doors to a global career in welding.

According to the lead trainer and CEO of CTCweld Training & Consulting, Ronny Johannes Friedland, the training emphasizes practical skills, with 80% of the course being hands-on. This practical approach is in line with European vocational standards, ensuring that Kenyan graduates are well-prepared and competitive in the global market. “We emphasize practical training in conformity with the international standards. This is the only way to export labour to Europe”, he said.

The training is open to enthusiastic learners aged 18 years and above, with no minimum qualification required. Due to the high demand for the course and the limited training capacity, the first cohort of 14 reported for training on 18<sup>th</sup> August 2024. The speed of one week at which the quorum was attained is a testament to the desire for knowledge and job placement abroad. The second cohort is fully enrolled and will report on 18<sup>th</sup> November 2024.

To publicize the course and other opportunities available, CTCweld has organized a job fair on 14 September 2024 at the Kenya International Convention Center (KICC), which is open to all. CTCweld boasts a wealth of experience in consultancy with cutting-edge technologies for skilled welders that increase their quality and productivity while reducing time and costs.

MIOG remains committed to training and certifying welders and other skills for global markets, thus supporting the Government’s initiative to create employment, reduce poverty, and grow the economy.



*Dr. Nancy Kosgei, Director MIOG poses for a photo with Ronny Johannes Friedland CEO of CTCweld Training & Consulting, the MIOG team and the welding trainees during the induction of the 1<sup>st</sup> cohort*





*Dr. Nancy Kosgei, inducting the welding trainees.*



*Students delve into the practical bit of the International Certified Welder course during the first week of training.*



*Dr. Kipkirui Langat, Director General of TVET Authority (2<sup>nd</sup> R) Introduces Ronny Johannes Friedland to Dr. Francis Muraya from State House (3<sup>rd</sup> R) during this year's World Skills National Competitions.*



## MIOG's WELDING STAR SET FOR WORLD SKILLS INTERNATIONAL DUEL IN FRANCE.

MIOG's welding nominee, Mathew Kigen, is set to make Kenya proud at the World Skills International Competitions. His journey to represent Kenya on the global stage, scheduled for September 10th to 15th, 2024, in Lyon, France, is a testament to his skill and dedication.

Following his triumphant performance during last year's World Skills Kenya National Competitions, the 22-year-old Kigen emerged as the top contender, outsmarting competition from other TVET institutions. His victory has earned him the honour of carrying the Kenyan flag to France. Other categories that will be represented in the international arena are Cookery, Restaurant Services, Water Technology, Mechatronics, and IT Network Cabling.

World Skills International is a global non-governmental organization that highlights the importance of skilled trades and their role in economic development. The organization hosts biennial world championships that showcase high standards across a variety of vocational skills, including Auto Mobile Technology, Heavy Vehicle Technology, Mechatronics, Information Network Cabling, CNC Turning, IT Software Solutions for Business, Welding, Auto Body Repair, Hairdressing, Cooking and Restaurant Services among many others.

Kenya became the 84th member state of World Skills International in 2020, and TVETA was given the sole mandate to organize local competitions and represent the country in international events. Joining the other nations aimed to foster a culture of excellence and innovation among youth in technical fields and provide a platform for networking, learning, and sharing best practices among participants, educators, and industry professionals, aligning with global standards set by WorldSkills International.

The ability to produce the best welder nationally proves MIOG's commitment to be a world-class welding training center.

Ian Kipkorir Kemboi, MIOG's nominee for this year's WorldSkills Kenya National Competition, held at the Kenya School of TVET from 19th to 23rd August 2024 emerged third in the competition.



*Matthew Kigen (2<sup>nd</sup> L) among the 8 Kenyan competitors heading out to Lyon, France for the World Skills International Competitions 2024*





*Matthew Kigen (5<sup>th</sup> R) with the Kenyan team during the opening ceremony of the World Skills International Competitions, 2024.*



*Ian Kemboi, (C) receives his certificate during this year's WorldSkills National Competitions*



*MIOG's exhibition booth during the 2024 WorldSkills Kenya National Competition*



## MIOG'S COMMITMENT TO CAPACITY BUILDING IN THE WELDING SECTOR



*Hot works processes demonstrations for General Electronics trainees*



**MIOG** continues to play an essential role in building capacity in vocational skills across various sectors. In this regard, MIOG admitted Mechanical Engineers from General Electronics for a five-day specialized training in Hot Works from September 2nd to 6th, 2024.

The training was aimed at equipping trainees with specialized skills in professional welding and exposing them to welding ISO standards. The engineers, who specialized in renewable energy, were enthusiastic about leveraging their skills to enhance their productivity at work while aiming to become certified welders.



## RECOGNITION OF PRIOR LEARNING: KENYA'S TRANSFORMATIVE PATHWAY.

Have you considered how years of accumulated skills and experiences could become a gateway to new opportunities? In Kenya, a transformative initiative is making this vision a reality: **Recognition of Prior Learning (RPL)**

Recognition of Prior Learning (RPL) is an educational approach that acknowledges the skills, knowledge, and competencies an individual gains through work experience, informal training, or life experiences. It is a process that assesses these learnings against the standards of specific qualifications within a framework.

In recent years, it has become evident that many people, particularly those in informal sectors, have valuable skills and knowledge that traditional educational systems do not acknowledge or recognize. In response, the Kenyan government, through the Kenya National Qualifications Authority (KNQA), developed the Recognition of Prior Learning Policy Framework in 2020. This framework guides the education system in evaluating and acknowledging diverse learning experiences. Academic institutions and other stakeholders have shown full support for this initiative.

The RPL process enables people to acquire formal qualifications matching their knowledge and skills, thus contributing to their employability, mobility, lifelong learning, social inclusion, and self-esteem. This, in turn, benefits employers and the country by aligning skills with job market needs, increasing productivity and economic growth, and promoting lifelong learning.

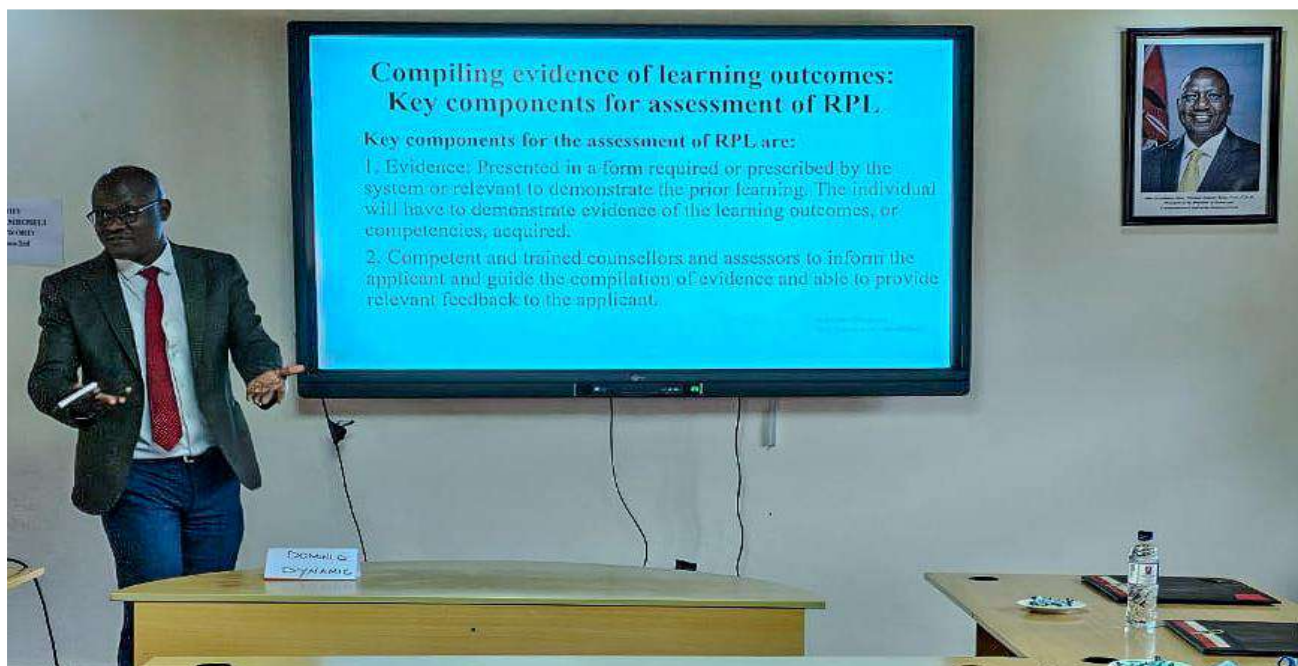
This, therefore, makes RPL a powerful tool for social and economic transformation that will build a more inclusive, dynamic, and robust bridging horizon, unlock potential, and drive the nation toward a brighter, more equitable future.

In line with the KNQF guidelines, MIOG has developed a framework that provides a clear and structured process for making prior learning recognition fair, transparent, and consistent, enabling successful candidates to be awarded transcripts and certificates by the institute. It will also support MIOG's core mandate of developing skills for the region's oil and gas sector.



*The MIOG team undergoing capacity building in developing the RPL institutional guidelines at MTCC, Naivasha*





*Dr. Dominic Omboto, one of the CBET lead facilitators during the session*

## **MIOG ELDORET CAMPUS WELCOMES THE DIPLOMA IN OIL AND GAS ECONOMICS 3<sup>RD</sup> COHORT**

MIOG, in partnership with Turkana University College (TUC), developed an updated diploma program that encompasses all aspects of oil and gas processing and management. This was due to the need for a highly skilled workforce in the energy sector and the realization that no university in Kenya offered middle-level skills and training in oil and gas and related studies.

The course offered at the MIOG Eldoret campus is gaining popularity, and this month, we received the third cohort. The students were taken through a safety induction program at the PS27 terminal.



*The 3<sup>rd</sup> Cohort of the Diploma in Oil & Gas Economics year 1 students pose for a photo after successfully completing their induction*



# E - NEWSLETTER

**A Quarterly E- Newsletter of  
Morendat Institute of Oil and Gas**

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