



FEDERAL MINISTRY OF ENVIRONMENT
HYDROCARBON POLLUTION REMEDIATION PROJECT
HYPREP...Remediating the Environment and Restoring Livelihoods

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BATCH 3 AIR CABIN CREW TRAINEES COMPLETE TRAINING, ISSUED NCAA LICENSES



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**HYPREP
HERALD
NOT
TO BE
SOLD**

THE PC'S DESK



PROF. NENIBARINI ZABBEY
PROJECT COORDINATOR
(HYPREP)

The echoes of history in Ogoniland are taking on a powerful new resonance, moving steadily from the legacy of environmental degradation to the vibrant promise of human renewal. At the Hydrocarbon Pollution Remediation Project (HYPREP), our stewardship and operational approach to the Ogoni Clean-up are firmly grounded in a fundamental truth: true environmental restoration is incomplete unless it breathes new life into the people who call the land home. This September edition of the HYPREP Herald showcases a segment of our human-centric vision.

Across Ogoni communities, we are not only healing the land and reviving mangrove ecosystems but also aggressively investing in the future of our youth and women through transformative capacity-building and sustainable livelihood programmes. Beyond physical infrastructure and environmental remediation, securing a truly

prosperous future for Ogoniland requires a decisive leap into the digital and high-technology economy. Through its expanding sustainable livelihood initiatives, HYPREP is driving this transformation by equipping Ogoni youths with frontier tech skills to compete globally. Building Futures in the Skies, Seas, and Digital Frontier.

When we talk about empowering our young people, we mean equipping them with competitive, high-demand skills that open doors to global industries. Last month, we celebrated a monumental milestone as the third batch of nineteen (19) Ogoni youths successfully completed their rigorous training in Air Cabin Crew Operations and proudly received their Nigeria Civil Aviation Authority (NCAA) licences. Standing before families and friends in Port Harcourt, these young professionals were reminded that their certificates are keys to the local and international aviation, private charters, and hospitality sectors. This momentum extends to our waters. We recently held an inspiring orientation ceremony for the final batch of trainees in our Commercial Diving and Underwater Welding programme. Designed to position our people at the forefront of the blue economy, maritime, and oil and gas sectors, this initiative bridges rigorous safety standards with technical training.

As modern industries rapidly shift towards automation, cybersecurity, and digital

infrastructure, HYPREP has deliberately expanded its human capacity development portfolio beyond conventional vocations to target high-demand technical fields. Ogoni youths and women are being trained in cutting-edge areas such as cybersecurity. Equipping young professionals with the analytical and defensive capabilities required to safeguard critical networks and corporate data against digital threats in an increasingly connected world. **Software and Full-Stack Development:** Training participants to build robust applications, code digital solutions, and engineer software, positioning them to tap into the booming global tech and remote-work ecosystems. **Geographic Information Systems (GIS) and Crowd Mapping:** Training local talent in spatial data analysis, digital mapping, and environmental tracking to support modern land use, resource planning, and project monitoring. **Animation and Graphic Design:** Unleashing creative capacities in digital media, visual storytelling, and design to help young Ogonis build thriving enterprises in the modern creative economy.

These digital training pipelines are a critical part of HYPREP's broader, multi-layered capacity-building framework. They complement massive investments across other specialised sectors, including: **Aviation and Maritime Sectors:** Cultivating certified air cabin crew professionals and internationally recognised seafarers, commercial divers, and underwater welding specialists.

Engineering and Advanced Trades: Rolling out intensive programmes in mechatronics, ship fabrication, rig operations, rope access, and mud logging. **Academic Advancement:** Supporting hundreds of Ogoni youths with postgraduate scholarships spanning master's and doctoral degrees at Nigerian universities. **Foundational Grassroots Enterprise:** Empowering thousands of community members through comprehensive vocational skill-sets, agricultural enterprise support, and micro-business grants for market traders. **Rooting Livelihoods in Soil and Sea:** Our commitment to sustainable livelihoods extends seamlessly into the fields and creeks that have sustained our heritage for generations.

To safeguard our agricultural future, HYPREP has launched an indigenous crop survey across the Eleme, Tai, Gokana, and Khana Local Government Areas. By engaging local farmers, we are identifying extinct or vanishing crop varieties, improving agricultural productivity, and laying the groundwork to boost food security and rural incomes.

Similarly, our ecological restoration efforts are a double-edged sword of environmental healing and economic empowerment. As we prepare to flag off Phase 2 of our mangrove restoration across 438 hectares, we are placing local ownership at the heart of the process. Through our structured seed-preneurship model, local youth and women are trained in mangrove nursery management and receive grants

and guaranteed markets as vanguard suppliers of thousands of healthy mangrove seedlings. Meanwhile, community workers armed with International Maritime Organisation (IMO) certifications are driving shoreline cleanup, ensuring that as our creeks recover and bring back abundant fish, periwinkles, and crabs - the local economy recovers right alongside them.

Our journey is a collective one. From our strategic engagements with the Federal Ministry of Environment and our federal lawmakers to accelerate project delivery, to the vital grassroots sensitisation against misinformation championed by our Central Representative Advisory Committee (CRAC), our path forward is built on transparency, partnership, and mutual trust.

As we mark fifteen years since the landmark UNEP report and 10 years of the Ogoni Cleanup, we look back with pride at the

milestones we have achieved together, and we look ahead with unwavering resolve. By bridging the gap between local talent and global industry demands, these high-end digital and technical training programmes do more than provide individual certificates; they fundamentally rewrite the socioeconomic trajectory of Ogoniland.

When young Ogonis write code, secure networks, map ecosystems digitally, or navigate international waters, they carry the nation's future forward. Paired with the physical healing of our lands and waters, this formidable investment in human potential ensures that the renewed Ogoniland will not only be clean and green but also technologically empowered, economically resilient, and prosperous for generations.

“Our help is in the name of the Lord, who made heaven and earth.”



HYPREP Coordinator, Prof. Zabbey Hands over Certificate and NCAA License to a Beneficiary of HYPREP Air Cabin Crew Training

In This Issue

This September edition of the HYPREP Herald leads with another deliverable of our sustainable livelihood programme for Ogoni youths. It is the closeout and certificate/license issuance for trainees under the Hydrocarbon Pollution Remediation Project (HYPREP) Air Cabin Crew Operations. At the colourful ceremony which held in Port Harcourt and well attended by families and friends of the new licensees into the Nigerian aviation industry. The Project Coordinator of HYPREP, Prof. Nenibarini Zabbey urged the nineteen (19) youths to make proper use of the skill they have acquired to better their lots and that of their dependents, and to exhibit the highest sense of professional conduct at all times in their new career.

Members of the newly constituted Central Representative Advisory Committee (CRAC) of HYPREP had their meeting with the Project Coordinator, Prof. Zabbey. Discussions at the forum focused on how to stem the rising spate of misinformation and falsehood by those who do not mean well for the Project. As part of their strategic approach to addressing the situation, members of CRAC are required to arm themselves with the right information as they move into the communities to properly educate the locals on the operations and programmes of the Project.

In addition to conducting training programmes for livelihood restoration

in Ogoni, the Project Coordination Office is also carrying out surveys to restore dying or extinct crops and providing improved varieties to boost food production, and by extension, sustainable livelihoods in Ogoni. The crop survey is being conducted in Eleme, Tai, Gokana and Khana Local Government Areas of Ogoni.

The newly elected Senator representing Rivers South-East Senatorial District in the National Assembly, Senator Olaka Nwogu was at the Federal Ministry of Environment, Abuja to have audience with the Honourable Minister, Balarabe Abbas Lawal on how to accelerate the pace of project implementation and using legislation to provide support for the Ogoni Clean-up Project. The Project Coordinator, Prof. Nenibarini Zabbey and other HYPREP officials were in the United Kingdom on a two-day working visit to Ireland to strengthen professional collaboration, exchange knowledge, and gain insights into advanced remediation approaches in use, as HYPREP prepares to undertake the remediation of complex sites in Ogoni. The Project Coordination Office also conducted an orientation programme for the final batch of the Commercial Diving and

Underwater Welding trainees as commence their training at the Petroleum Training Institute, Warri.

At the Verde Group headquarters in Dublin, the team held technical sessions which covered site characterisation, contaminant delineation, hydrogeological investigations, environmental monitoring, risk assessment and remediation technologies.

We have updates on our mangrove restoration project, even as HYPREP is gearing up to flag off phase 2 of the mangrove planting exercise in more communities of Ogoni. The Ogoni Power Project, an initiative to bring sustainability to HYPREP projects and boost economic development in Ogoni, has recorded further milestones proceeding the update on the electricity project in our May edition. We also bring you a feature on the gains of our shoreline clean-up and mangrove restoration project by a guest writer. The poetry corner is maintained for your reading pleasure.

We do hope that you will find informative updates on our operations, and please, do well to reach us on better ways to serve you, even as we solicit your continued support for the Ogoni Clean-up Project.



HYPREP Built Ogoni Power Substation Under Construction

News

BATCH 3 AIR CABIN CREW TRAINEES COMPLETE TRAINING, ISSUED NCAA LICENSES

The Project Coordinator of the Hydrocarbon Pollution Remediation Project (HYPREP), Professor Nenibarini Zabbey has restated the commitment of the Project to human capacity development, in addition to the remediation of polluted lands and restoration of degraded mangrove vegetation in Ogoni.

Prof. Zabbey, who stated this during the Cabin Crew Training Close-out Ceremony and License Issuance in Port Harcourt, called on the trainees to ensure proper utilization of the skills acquired from the HYPREP-funded programme.

He congratulated the 19 Ogoni youths who successfully completed the Cabin Crew training, and appealed

to them to uphold the values of hard work and discipline demonstrated during the training, and should, as HYPREP ambassadors, strive to make the Project and Ogoni proud, adding that the Nigeria Civil Aviation Authority (NCAA) Cabin Crew Licenses issued to them officially qualify them to practice in the aviation industry in Nigeria and beyond.

“You are now part of a professional group that represents safety, service and excellence. The aviation industry is competitive but full of opportunities with local airlines, international airlines, private charters, helicopter services and hospitality services.

“HYPREP remains committed to building human capacity and

providing opportunities for Ogoni youths, just as we continue to demonstrate through interventions such as this,” he said, and harped on good attitude, which he emphasized is most required for them to succeed in life.

“The People should not underrate the power of good attitude. This initiative is an investment in human capital, and let me also restate that we would continue to ensure that the remediation is human-centred,” he added.

Prof. Zabbey explained that the training was part of HYPREP’s mandate to support livelihoods, create alternative opportunities, and empower beneficiaries to support their dreams and contribute to the economy,



HYPREP Coordinator, Prof. Zabbey Hands over Certificate to a Beneficiary of HYPREP Air Cabin Crew Training



HYPREP Coordinator, Prof. Zabbey, HYPREP Officials with Newly Licensed HYPREP Sponsored Air Cabin Crew Trainees during their Closeout Ceremony in Port Harcourt

believing that when young people succeed, their families succeed, and the communities grow stronger, leading to national development.

He further encouraged the beneficiaries to use the certificates and licenses for their career development and enhancement. “Be professional, keep learning, maintain high standards of conduct, and be good ambassadors of HYPREP and your communities. This certificate and license are not the end. They are the beginning of your journey,” the HYPREP Coordinator said.

While appreciating the Crew Training Institute, Lagos, for the quality training it gave to the trainees, Prof. Zabbey also commended the NCAA for the regulatory support and issuance of the licenses, and reassured of HYPREP's determination to roll out more livelihood programmes that will give Ogoni youths skills, dignity, and renewed hope.

The Chief Executive Officer of Crew Training Institute, Lagos, Kathrine Tsaro, charged the trainees to maintain good professional conduct at all time and commended HYPREP for funding such a lucrative and sustainable livelihood programme for Ogoni youths, appealing that the initiative should be sustained.

In their separate goodwill messages, the Director of Technical Services, Prof. Damian-Paul Aguiyi, and the Head, Sustainable Livelihood, Mrs. Josephine Nzidee, urged the beneficiaries to be good ambassadors of HYPREP and Ogoni, saying huge funds have been invested in their training, and therefore should not take it for granted.

One of the beneficiaries, Barikuma Baravil is grateful to the Management of HYPREP for availing her such opportunity to be trained in a skill with high prospect as Air Cabin Operations. A position that is

amplified by her colleague, Leelabari Prince Barawii.

In her words, “HYPREP is no scam and I happen to be a participant of this great and noble gesture and upon completion, we've been issued our certificates and I'm happy for HYPREP for believing in us and helping us nurse our dreams and making us ready for the industry. Thank you HYPREP for believing in us. Thank you, CTI, for training us, thank you everybody who in one way or the other contributed to our achieving this great feat.”

Highlight of the event was the presentation of the Nigeria Civil Aviation Authority (NCAA) Cabin Crew Licenses to the beneficiaries.

The latest set of 19 is the third batch of Ogoni youths trained in Air Cabin Crew Operations by the Hydrocarbon Pollution Remediation Project under its Sustainable Livelihood Programmes for Ogoni people.

STEM MISINFORMATION, FAKE NEWS THROUGH COMMUNITY SENSITISATION, PROF. ZABBEY URGES CRAC

Members of the newly inaugurated Central Representative Advisory Committee (CRAC) of the Hydrocarbon Remediation Project (HYPREP) have been charged to stem the ugly tide of misinformation and fake news about the Project by stepping up sensitisation to educate communities about the mandate, programmes and activities of HYPREP to ensure buy-in and support for the Project.

Project Coordinator of HYPREP and Chairman of CRAC, Professor Nenibarini Zabbey gave the charge at the maiden meeting of the Committee, which held at the Project Coordination Office (PCO) in Port Harcourt, stressing that as an essential organ of the Project, CRAC should redouble its efforts in educating and sensitising communities against campaigns of calumny and pressuring HYPREP to



L-R: HRM, King Suanu Baridam; HRM, King Samuel Nnee, HYPREP DTS, Prof. Damian-Paul Aguiyi; HYPREP Chief Security Officer, AIG Emmanuel Offiom (Rtd) at CRAC Meeting

operate outside its mandate of remediating impacted lands, restoring livelihoods and requisite value additions in Ogoni.

Prof. Zabbey noted that the Project will effectively carryout its

mandate when there are no encumbrances to wit; chieftaincy tussles, land disputes, intra and inter-communal crises, and requested CRAC to intervene in matters between HYPREP and its host communities to



A Cross Section of CRAC Members at their Maiden Meeting at HYPREP Office in Port Harcourt



HYPREP Coordinator, Prof. Zabby with other Members of CRAC

ensure timely completion of projects. He applauded host communities and the Ogoni people in general for their support for HYPREP

The Project Coordinator constituted a committee to engage K-Dere Community in Gokana Local Government Area and Korokoro in Tai Local Government Area, as the Project prepares to commence mobilisation for Phase 2 Shoreline Cleanup and Mangrove Restoration/Site

Characterisation, in readiness for complex site remediation respectively.

The Committee for K-Dere interface is headed by the Gbenemene Tai Kingdom and member of CRAC, HRM King Samuel Nnee. The Committee also resolved to send a delegation to be led by Chief Keeper Gbaranor to commiserate with the family of late Mrs. Gloria Wanam, a former member of CRAC who was

laid to rest on August 8, 2026.

Under the HYPREP Gazette, the Central Representative Committee is saddled with the responsibility of engendering a cordial interface between the Project and Ogoni communities. It is further tasked with the mandate of conflict prevention and resolution for timely completion of projects.

HYPREP COMMENCES INDIGENOUS CROP SURVEY IN OGONILAND

With the aim of preserving indigenous crop varieties, improving agricultural productivity, and promoting sustainable livelihood, the Hydrocarbon Pollution Remediation Project (HYPREP), has initiated an indigenous crop survey across the Local Government Areas of Ogoniland.

The crop survey, which commenced in Tai Local Government Area, was also conducted in communities in the other Local Government Areas of Eleme, Gokana,



HYPREP Team with Local Farmers During the Crop Survey Programme

and Khana.

A total of 50 farmers were interviewed by the task officers in each Local Government Area, bringing the total number of respondents to 200 farmers.

Speaking on the Study, Head, Sustainable Livelihood, Mrs. Josephine Nzidee, explained that the survey, amongst others, is aimed at identifying indigenous crops still

under cultivation, crops that are gradually going extinct, and crops experiencing poor yields.

She further said that crops with high potential for commercialization are also being analyzed, while also examining the methods farmers use to preserve crop seeds and tubers for subsequent planting seasons.

Mrs. Nzidee disclosed that information gathered will provide

valuable insights for developing strategies to preserve indigenous crop varieties, improve agricultural productivity, and promote sustainable livelihoods in Ogoniland.

The indigenous crop survey is one of the several initiatives funded by HYPREP as part of its efforts to providing sustainable livelihood sources to the people of Ogoni.



HYPREP Team with Local Farmers During the Crop Survey Programme



HYPREP Team with Local Farmers During the Crop Survey Programme

OGONI CLEAN-UP: LAWAL, SEN. NWOGU, PROF. ZABBEY IN STRATEGIC ENGAGEMENT

To ensure the benefits of the Ogoni Clean-up Project get to the people, the Minister of Environment, Balarabe Abbas Lawal, and the Senator representing Rivers South-East Senatorial District in the National Assembly, Senator Olaka Nwogu, together with the Project Coordinator of the Hydrocarbon Pollution Remediation Project, Prof. Nenibarini Zabbey have held a strategic meeting on ways to accelerate the pace of project implementation.

The meeting, which was held at the Office of the Honourable Minister, Federal Ministry of Environment in the Federal Capital Territory, Abuja, focused on strategic partnership to fast-track and optimise the impact of the Ogoni Clean-up Project.

The Honourable Minister congratulated Senator Olaka Nwogu on his recent election to the Senate and appealed to him to draw on his wealth of experience to provide effective legislative support for the Ogoni Cleanup Project, insisting that the Clean-up template can be effectively adopted to address oil pollution in other parts of the country.

Senator Olaka commended the Minister's passion and dedication, as well as the Project Coordinator, Prof. Zabbey on the tremendous milestones achieved across the thematic areas of the Ogoni Cleanup Project in the last three years of the current administration.

He assured the Minister of his legislative support for the Ogoni project, noting that he would work collaboratively with the Minister to amplify the Cleanup's momentum and impact.



Hon. Minister of Environment, Balarabe Abbas Lawal (R) Sen. Olaka Nwogu (L) and Prof. Nenibarini Zabbey (M) in Strategic Engagement on project Acceleration

Senator Nwogu also commended the human-centric model of the Ogoni Cleanup, urging greater investment in human capital development and

legacy social projects alongside environmental remediation and restoration, which is HYPREP's core mandate.



Senator Nwogu and HYPREP Coordinator, Prof. Zabbey

HYPREP COMMENCES PHASE 2 MANGROVE RESTORATION PROJECT

The Hydrocarbon Pollution Remediation Project (HYPREP) has concluded the first phase of mangrove restoration in Ogoniland, covering 560 ha of wetlands, and is set to commence the second phase of 438 ha across 7 Ogoni communities.

Mangrove restoration in the Ogoni area of southern Nigeria is making a critical contribution to Nigeria's nature-based response to climate change mitigation and adaptation.

The Hydrocarbon Pollution Remediation Project (HYPREP) is overseeing scalable, community-based, ecologically sound mangrove restoration, demonstrating the feasibility of realizing Nigeria's nationally determined contribution (NDC 3.0) ambition to restore 13,000 ha of mangroves.

HYPREP had earlier reported the



Plate 1 – Restored Mangrove Saplings in Bomu at 18 Months

gains of its phase 1 restoration project in the Bomu Creek. The restorative planting of multispecies mangroves started in late 2023 and was completed in December 2025, with 1,532,753

red, black, and white mangrove seedlings in the ratio (8:1:1, respectively) planted. Long-term monitoring of the planted mangroves began one month post-planting, with



Plate 2- White and black Mangrove Saplings with Propagules (Seeds)

some plots now being monitored for two years. Overall survival at 18 months is over 90% across the entire restored area, and the saplings continue to thrive, with some black and white mangrove saplings having propagules (seeds) or already flowering (Plates 1 & 2).

The gradual return of some faunal species that had long been locally extinct or had not been seen in the area before restoration is becoming increasingly apparent. Data derived from monitoring activities show that key biodiversity, such as crabs, periwinkles, oysters, dogwhelks, shrimps, and fin fish, has begun to return to previously devoid areas. Fishing, predominantly periwinkle picking, has resumed in the restored creek (Plate 3).

Furthermore, an increase in avian

fauna is also being observed and recorded within the restored areas. Consequently, HYPREP has begun a bi-monthly bird survey and a monthly polychaete assessment to document the diversity of birds and marine worms, respectively, across the Ogoni mangrove wetland (Plate 4)

In the same vein, monthly fish stock assessments have been used to study the effects of mangrove restoration on fisheries. There is evidence of substantial increases in fish catch, as well as the capture of new fish species not captured during the pre-restoration fish stock assessment and now being caught post-restoration.

There is also evidence of progressive temporal increase in the size and abundance of fish caught (Plate 5).

A major milestone and one of the legacy gains of the Ogoni mangrove restoration is the designation of the Ogoni mangrove wetland as a Ramsar site of International Importance in March 2026 (Ramsar site no. 2593). This fulfils one of the recommendations of the United Nations Environment Programme (UNEP 2011) report on the Environmental Assessment of Ogoniland.

HYPREP has begun developing a sustainable management plan to achieve the wise use of resources and protect the ecological character of the designated wetlands.

HYPREP has integrated lessons learned from Phase 1 in Phase 2 of mangrove restoration planning and execution. The pre-mobilisation exercise for the Phase 2 project



A Community Woman Picking Periwinkles and her Harvest

includes swim testing and medical examinations for 840 community workers who will work at 438 hectares of delineated restorative planting sites. All community workers have been trained for the International Maritime Organisation (IMO) level 1 certification (Plate 6).

To ensure an adequate supply of quality seedlings and optimize livelihood benefits, HYPREP has also trained 70 local youths and women in mangrove nursery management and provided them with grants to establish nurseries (Plate 7 & 8). Recall that 90 mangrove vanguards were trained and empowered to establish nurseries during the Phase 1 mangrove restoration. The mangrove vanguards continue to manage the nurseries until the seedlings are ready for transplanting.

HYPREP, in turn, ensures that the restorative planting contractors purchase vanguards' seedlings at a competitive price. Each Vanguard is allocated 9000 mangrove seedlings for supply. Like the first cohort of



Example of Bird Species Spotted at the Newly Designated Ogoni Mangrove Wetland Ramsar Site During a Bird Watch Survey

vanguards during the Phase 1 project, this structured programme enables young men and women across targeted communities to become seedpreneurs, directly empowered, both technically and financially.

Ownership, Stakeholders, Inclusion, and Partners

Whereas the mangrove restoration in Ogoniland is an initiative of the Federal Government of Nigeria

through HYPREP, it is designed and implemented to be wholly locally owned. Women make up a significant part of the restoration workforce and are immediate beneficiaries of the recovering biodiversity.

Policy Support and Sustainability

HYPREP's community and science-based approach to mangrove restoration has begun to fill policy and data gaps at a national level. Although



Fish Caught During the Fish Stock Assessment Survey before and after Restoration



Experts on Mangrove Monitoring

mangrove restoration has been a part of Nigeria's nationally determined contributions (NDCs) since before 2020, there has been limited data on existing trends and what is achievable in terms of a turnaround.

The narrative is changing; HYPREP has, within a short period, used data generated to provide clear, detailed trajectories of the impacts of its work and the prospects for scaled interventions.

HYPREP's practical community-level experience will also inform broader plans to halt mangrove loss in the Niger Delta and reverse it through effective participatory restoration and conservation.



Plate 7 – After a Field Training Session for the Phase 2 Mangrove Vanguard



Nurseries Established by the Second Cohort of Hyprep-Trained Mangrove Vanguard

The sustainability of HYPREP's mangrove restoration is underpinned by building an enduring knowledge legacy of sustainable mangrove management, broad stakeholder

participation (whole community framework), the livelihood impacts and other ecosystem services of biodiversity recovery, and the emergence of a national Carbon

Markets Policy with the potential to enable restoration communities to earn carbon credits.



HYPREP Coordinator, Prof. Zabbey Conducts a Foreign Observer round HYPREP Mangrove Restoration Site

UPDATE ON OGONI POWER PROJECT

EXECUTIVE SUMMARY

The Ogoniland Power Project, being implemented by the Hydrocarbon Pollution Remediation Project (HYPREP), involves the construction of a 62 km, 132 kV double-circuit transmission line and 2 x 60 MVA, 132/33 kV transmission substations located at Wiiyaakara and Bodo in Khana and Gokana Local Government Areas (LGAs), respectively.

As of August 2026, implementation has continued to progress across both the transmission line and substation components, with the overall project reaching approximately **64.73%** completion.

Key milestones achieved include the erection of 132 kV gantries, completion of 33 kV gantry foundations and earth transformer foundations, and continued construction of foundations for the 33 kV Busbar Post Insulators (BPIs), circuit breakers, voltage transformers, current transformers, and other associated substation infrastructure.

On the transmission line component, tower erection commenced and progressed along the Bodo–Wiiyaakara route, marking a significant milestone in implementing the transmission infrastructure and advancing the project towards completion.

Overall, the project continues to progress in accordance with the approved implementation programme, with construction activities advancing across the transmission line and substation components.

HYPREP continues to provide project oversight and implementation

monitoring to ensure that all works are executed in compliance with the approved scope, applicable technical

specifications, quality standards, and the overall project objectives.

WIIYAAKARA SUBSTATION ACTIVITIES SUMMARY

S/N	ACTIVITY	DELIVERABLE ACHIEVED (NOS.)	REMARK
1	Construction of 132 kV Gantry Foundations	28	100% Completed
2	Erection of 132 kV Gantries	28	100% Completed
3	Construction of 33 kV Gantry Foundations	24	100% Completed
4	Erection of 132kV Gantry beams	18	100% Completed
5	Construction of 33 kV Busbar Post Insulator (BPI) Foundations	12	In Progress
6	Construction of Disconnect Switch (DS Q14) Foundations	9	In Progress
7	Construction of Earthing Transformer foundations	2	100% Completed
8	Construction of 33 kV Bus DS foundations	2	In Progress
9	Construction of Circuit Breaker Foundations	9	In Progress
10	Construction of Voltage Transformer (VT T61) Foundations	2	In Progress
11	Construction of Post Insulator (PI) Foundations	6	In Progress
12	Construction of Current Transformer (CT T17) Foundations	3	In Progress
13	Erection of 33 kV Gantries	2	In Progress

PICTURES SHOWING PROGRESS OF WORK AT BODO AND WIIYAAKARA SUB STATIONS


Construction of Disconnecter Switch Foundation at Bodo Substation



Earthing Transformer Foundation at Bodo Substation



Construction of Earthing transformer completed at Wiiyaakara Substation



Construction of the Busbar Support Foundation at Wiiyaakara Substation



Erection of the 132kV gantry beams completed at Wiiyaakara Substation



Construction of VT T61, CT T17, and 33 kV Bus DS foundations in progress at Wiiyaakara Substation

BODO SUBSTATION

S/N	ACTIVITY	DELIVERABLE ACHIEVED (NOS.)	REMARK
1	Construction of 132 kV Gantry Foundations	28	100% Completed
2	Erection of 132 kV Gantries	28	100% Completed
3	Construction of 33 kV Gantry Foundations	24	100% Completed
4	Erection of 132kV Gantry Beams	18	100% Completed
5	Construction of 33 kV Busbar Post Insulator (BPI) Foundations	12	In Progress
6	Construction of Disconnect Switch (DS Q14) Foundations	9	In Progress
7	Construction of Earthing Transformer Foundations	2	100% Completed
8	Construction of 33 kV Bus DS Foundations	2	In progress
9	Construction of Voltage Transformer (VT T61) Foundations	2	In progress

TRANSMISSION LINE

S/N	TOWER LOCATION/REFERENCE	PROGRESS/STATUS
1	T2A (DD30°)	Tower Erection Completed
2	T3A (DD60°)	Tower Erection Completed
3	T4A (DD2)	Tower Erection Completed
4	T5A (DD90°)	Tower Erection Completed
5	T6A (DD2)	Tower Erection Completed
6	T7A (DD60°)	Tower Erection Completed
7	T8A (DD2)	Tower Erection Completed
8	T9A (DD2)	Tower Erection Completed
9	T10A (DD2)	Tower Foundation In Progress
10	T11A (DD2)	Tower Foundation In Progress
11	T12A (DD2)	Tower Foundation In Progress


132kv Gantry Erection at Bodo Substation

33kV Gantry Foundations at Bodo Substation



Erection of tower T6A DD2 Completed



Erection of tower T5A DD90° completed



**Concreting of Tower Foundation Pads
for Tower T10A (DD2)**



**Erection of 33 kV Gantry in Progress at
Wiiyaakara Substation**



Power Accessories



Erected Tower

OGONI CLEAN-UP: HYPREP TEAM VISITS VERDE ENVIRONMENTAL GROUP IN IRELAND TO EXPLORE ADVANCED REMEDIATION TECHNOLOGIES

The Project Coordinator of the Hydrocarbon Pollution Remediation Project (HYPREP), Prof. Nenibarini Zabbey has led some members of the technical team on a two-day working visit to Ireland to strengthen professional collaboration, exchange knowledge, and gain insights into advanced remediation approaches in use.

At the Verde Group headquarters in Dublin, the team held technical sessions which covered site characterisation, contaminant delineation, hydrogeological investigations, environmental monitoring, risk assessment and remediation technologies.

The team also undertook a guided tour of the Roche Clarecastle remediation site, Europe's largest single remediation project (a five hundred million euros (€500,000,000.00) project) in Clarecastle, Southern Ireland, managed by the Verde Group.

The remediation involves a combination of methods across different sections of the 37-hectare site, based on the contaminants of concern and their concentrations.

The advanced technologies deployed include Multi-Phase Extraction (MPE), a vacuum extraction process for both soil and groundwater remediation that removes contaminants; In-Situ Thermal Treatment (ISTT), where heating probes are used to undertake remediation; and landfill area remediation involving Ex-Situ Thermal Treatment (off-site ESTT) following excavation of the contaminated earth materials and transporting the soil to Holland for

treatment at a licensed thermal treatment facility. A European Consortium including Indaver, Veolia, Haemers, and Verde (Project Environmental Managing Consultants), is executing the project.

The Roche remediation project started in 2020 and comprises the following aspects of business:

1. *Environmental Consulting, including Environmental Compliance, Planning and Licensing*
2. *Oil Spill Cleanup and Remediation Services*
3. *Clean Energy Technology and Renewables, including Solar PV and Retrofits*
4. *Construction Dewatering and Energy Sustainability.*

Verde is Ireland's largest environmental organisation and is among the top ten in Europe. Verde Africa is currently conducting site characterisation of some HYPREP's high-risk, complex remediation sites in Ogoniland.

The visit was a valuable opportunity for learning, collaboration, partnership and knowledge exchange to improve the quality of HYPREP's remediation projects. Lessons from the engagement are particularly relevant to the ongoing characterisation and assessment of high-risk hydrocarbon-contaminated sites in Ogoniland as well as the soil and groundwater remediation that will follow.



HYPREP Team Led by Prof. Zabbey with Officials of Verde Environmental Group, Ireland

HYPREP HOLDS ORIENTATION CEREMONY FOR BATCH 3 COMMERCIAL DIVING AND UNDERWATER WELDING

The Hydrocarbon Pollution Remediation Project (HYPREP) has held an orientation ceremony for the trainees under its Commercial Diving and Underwater Welding Training programme.

The ceremony marked the commencement of activities for the final batch of trainees under the underwater training programme and provided an opportunity to familiarise participants with the expectations, safety standards and requirements of the training.

Speaking at the ceremony, the Project Coordinator of HYPREP, Prof. Nenibarini Zabbey, described the Ogoni Clean-up as a “transformative journey,” noting that the project was not only focused on environmental remediation but also on building capacity.

He explained that HYPREP's approach is human-centred and multifaceted, with the project implementing various interventions aimed at creating sustainable

development opportunities for Ogoni youths and women.

Prof. Zabbey said the Commercial Diving and Underwater Welding Training was part of efforts to equip participants with high-demand skills that would provide opportunities in the blue economy, oil and gas and maritime sectors.

He urged the trainees to maximise the opportunity by remaining disciplined, committed and actively participating in both the classroom and practical aspects of the training. “It is important that each person maximises this real opportunity and considers the fact that you are privileged to have this training opportunity,” he said.

The Project Coordinator also emphasised the importance of safety and discipline, noting that the induction was an opportunity to communicate the minimum safety standards expected of the trainees before proceeding to the training facility.



Prof. Zabbey

He encouraged the participants to pay attention, ask questions where necessary and remain devoted throughout the programme.

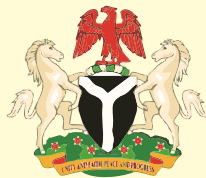
Also speaking at the event, Barr. Walter Amadi Training consultant with Zulugee Integrated Services Ltd. commended the Project Coordinator for his passion and commitment to the Ogoni Clean-up initiative, and urged the trainees to maintain good conduct throughout the training and make the most of the opportunity provided for them.

The event also featured the presentation of medical fitness certificates to the trainees by the Director of Technical Services, HYPREP, Prof. Damian Paul Aguiyi.

The ceremony brought together representatives of HYPREP, the Petroleum Training Institute, Zulugee Intel Services, training consultants, heads of various Units of HYPREP and other stakeholders involved in the training programme.



Cross Section of Trainees of Batch 3 of Commercial Diving and Underwater Welding Programme



FEDERAL MINISTRY OF ENVIRONMENT
HYDROCARBON POLLUTION REMEDIATION PROJECT
(HYPREP)

**THE OGONI ENVIRONMENTAL ASSESSMENT REPORT:
15 YEARS AFTER THE UNEP RELEASE, HYPREP'S
TRANSFORMATIVE JOURNEY ON COURSE**

Today marks 15 years since the United Nations Environment Programme (UNEP) presented its landmark scientific evaluation of oil contamination in Ogoniland to the Nigerian government on August 4, 2011, revealing extensive oil contamination and severe public health risks, and calling for an initial \$1 billion cleanup fund for Ogoniland.

The core findings of the comprehensive report revealed severe environmental damage and loss of livelihoods in Ogoniland because of oil impact in several communities, proving that five decades of petroleum operations had severely damaged local ecosystems and public health. Notably, several areas require emergency drinking-water interventions due to high benzene concentrations in groundwater.

Following the release of the UNEP Report on August 4, 2011, the Nigerian Government, under President Muhammadu Buhari, inaugurated a 22-man Presidential Task Team for the Ogoni Environmental Assessment on May 18, 2016. This was followed by the launch of the Ogoni Clean Up in the Bodo community on June 2, 2016, by the then Vice President, Prof. Yemi Osinbajo.

The Hydrocarbon Pollution Remediation Project (HYPREP) Project Coordination Office (PCO) was established in February 2017 to implement UNEP recommendations. The Ogoni Clean-up has advanced through several stages since its commencement, achieving significant milestones in environmental remediation and livelihood restoration, with appreciable involvement from the local communities, the Project regulators and other strategic stakeholders. The current administration of President Bola Ahmed Tinubu has accelerated the cleanup, as the Ogoniland cleanup is considered a national priority under the Renewed Hope Agenda.

It is important to review the actions taken during the implementation of the UNEP report's recommendations and to consider the way forward as HYPREP intensifies its cleanup efforts and livelihoods restoration initiatives in oil-impacted communities: HYPREP's transformative journey so far.

So, 15 years later, HYPREP is actively implementing all the recommendations of UNEP and is on a progressive course towards creating a knowledge legacy and a sustainable template for the cleanup of other oil-impacted areas in Nigeria.

The Project's transformative actions are evident in key milestones across the thematic areas highlighted below:

Environmental Remediation & Mangrove Restoration: Significant progress has been made in remediating hydrocarbon-impacted sites. 30 of the 65 sites UNEP investigated and recommended for remediation have been closed out. Currently, 17 medium-risk complex sites are being remediated, while



detailed site characterisation of the remaining 18 high-risk complex sites is progressing towards remediation scoping. Mangrove restoration efforts continue to advance, supporting the revival of fragile coastal ecosystems. The Project is leading the world's largest restoration of oil-degraded mangroves. As of today, a total of 1,537,885 mangrove seedlings of different species (red, white, and black) have been planted and are thriving. The successful cleanup of over 1000 ha of shoreline complements the rehabilitated mangroves in stimulating biodiversity recovery and enhancing local fisheries. Phase 2 of the shoreline cleanup and mangrove restoration is underway.

Potable Water Supply: HYPREP is moving closer to its goal of achieving full water supply coverage in the Ogoni communities. Forty-nine (49) communities have so far been reticulated through multiple water schemes and booster stations designed to deliver safe drinking water across Ogoni, as well as through wind-powered water facilities in sparsely populated communities to promote inclusivity.

Public Health & Infrastructure: The 100-bed Ogoni Specialist Hospital in Kpite, Tai LGA, and the 43-bed Cottage Hospital in Buan, Khana LGA, are nearing completion, significantly enhancing local healthcare delivery. HYPREP has strengthened 3 hospitals (General Hospital, Nchia; General Hospital, Terabor; General Hospital, Bori) and Kpite Health Centre, while an additional four health facilities in Ogoni are being strengthened through renovation and the supply of state-of-the-art medical equipment. To enhance emergency and referral services, HYPREP has donated five (5) ambulances to four General Hospitals in Onne, Bodo, Taabaa, and Nonwa, and to one Health Centre in Ogoni, while the Project conducts periodic medical outreaches in the area. A 3-year comprehensive human health biomonitoring study in Ogoniland has been launched. Samples are being collected from volunteers from Ogoni communities. The study is being carried out by the World Health Organization's International Agency for Research on Cancer (IARC).

Livelihood & Economic Empowerment: In line with the 'Renewed Hope' Agenda of President Bola Ahmed Tinubu's administration, HYPREP continues to integrate environmental cleanup with human capacity building. Thousands of Ogoni youths and women have been trained and provided with start-up kits to develop specialised vocational, climate-smart agricultural, and technical skills.

Under the current administration, HYPREP has transformed the socio-ecological landscape of Ogoniland through the Ogoni cleanup. The Project has been brought closer to the people through the introduction of people-centric programmes. Prominent among them are the creation of more than 8,000 direct jobs and the training of Ogoni youth and women in high-demand skills in Creative Arts, Aviation Cabin Crew, Seafaring, and Mechatronics.

Other high-demand skill training programmes funded by HYPREP for Ogoni youth and women include Commercial Diving and Underwater Welding. 2,300 youths are also being trained in Mud Logging, Full-Stack Development, Cybersecurity, GIS and Cloud Mapping, Rigging, Rope Access, Software Development, Animation and Graphics, among others. HYPREP has also trained 5,000



Ogoni youth and women in 20 skill sets, including Argon Welding and Metal Fabrication, Offshore/Onshore Operations, Crane Operation, Solar Panel and CCTV Installation, and Data Analytics, and has provided beneficiaries with start-up kits. To build local capacity in environmental management, the project has established 31 environmental clubs in secondary schools, initiated a robust internship programme for undergraduates, and trained over 2500 Ogoni youths with International Maritime Organization (IMO) certification, who are community workers at various HYPREP shoreline cleanup and mangrove restoration sites. The socio-economic study of Ogoni has been completed, and the study report will be launched in the coming weeks.

Other social impact initiatives include the award of educational support grants and scholarships to over 1,000 Ogoni undergraduate and postgraduate students, business support grants to 60 SMEs, and training for 300 people living with special needs across 5 skill sets. HYPREP has engaged 1,000 youths in civil security as a non-kinetic security approach. Equally, robust engagement with ex-artisanal refiners in Ogoni is yielding social, economic and environmental dividends.

HYPREP has prioritised the construction of legacy and socially transformative projects, such as the Ogoni Power Project and the Centre of Excellence for Environmental Restoration (CEER). The CEER is now 96% complete. However, the Project is already building sustainable research partnerships and collaborations to advance knowledge of environmental remediation and restoration.

Recently, the Secretariat of the Convention on Wetlands designated Ogoni Wetland as a Ramsar Site of International Importance. HYPREP has since received the Ramsar designation certificate and has commenced implementing a five-year interim management plan for the Ogoni mangrove wetland. This achievement is celebrated with the Ogoni people, even as HYPREP commits to establishing biodiversity baselines, promoting the wise use of wetland resources, and monitoring and conserving the sites for the benefit of local communities, ultimately maintaining the ecological character of the wetland. For example, we recently launched a bird survey of the Ogoni creeks.

On this 15th anniversary, HYPREP is pleased with the efforts of all stakeholders in implementing the UNEP Report and believes this serves as a vital checkpoint for government bodies, international partners, and industry operators to renew their commitments to environmental sustainability, promote healthy communities, and support the sustainable development of the people.

Being an address delivered by HYPREP Coordinator, Prof. Nenibarini Zabbey on the occasion of the commemoration of the 15th Anniversary of the release of UNEP Environmental Assessment Report on Ogoniland



FEDERAL MINISTRY OF ENVIRONMENT
HYDROCARBON POLLUTION REMEDIATION PROJECT
(HYPREP)

OGONI CLEAN-UP PROJECT

**THANK YOU FOR BEING PART OF A DECADE OF A
TRANSFORMATIONAL JOURNEY**

The Hydrocarbon Pollution Remediation Project (HYPREP) profoundly celebrates a decade of impactful feats in land remediation and shoreline clean-up, mangrove restoration, provision of reticulated potable water, construction of a magnificent Centre of Excellence for Environmental Restoration, world class Ogoni Specialist Hospital, provision of high-demand sustainable livelihood skills to over 8,000 Ogoni youths and women, and building of the gigantic Power Project across all communities in Ogoni.

We specially recognize the support of former President Muhammadu Buhari (GCFR), President Bola Ahmed Tinubu (GCFR), former Vice President, Prof. Yemi Osinbajo (GCON), the efforts of the various Honourable Ministers of Environment and Federal Permanent Secretaries, the Rivers State Government, top government officials, the international community, all Project Coordinators, various Governing Councils and Board of Trustee members, Regulators, and other stakeholders, including the media and civil society groups, whose collaborations and contributions have enabled transparency and success in the implementation of the Clean-up Project from inception.

We particularly thank the traditional rulers, the youths, women and other members of the various Ogoni communities for their acceptance and ownership of the Project. The dedication of the Project's management team and staff is highly commendable.

It is our expectation that this milestone will rejuvenate our commitment to a clean and prosperous Ogoniland and set a robust standard for environmental healing across Nigeria.

Thank You, and Congratulations to All!

HYPREP@10 Anniversary Committee

FEATURE

WHEN THE NETS FILLED AGAIN: THE STORY OF BOMU CREEK'S REMARKABLE RECOVERY

By: Fere-Theophilus Prince Noble

The morning breeze blows lightly over Bomu Creek as a fisherman pulls in his net. For years, moments like this often ended in disappointment. The waters that once sustained generations had flowed empty, yielding fewer fish with each passing season. But on this morning, there is a difference. The net is heavier. Fish flicker in the early sunlight as they struggle in the mesh. Along the shoreline, smiles beam on the faces of fisherfolks and residents. In Bomu, the fishes are back.

For many residents of Bomu Community in Gokana Local Government Area of Rivers State, the return of fish is more than an environmental success story. It is a symbol of hope, resilience, and the gradual restoration of a way of life that seemed lost to decades of oil pollution.

There was a time when Bomu Creek was known for its abundance. Fishermen set out each day confident that the waters would provide for their families. The mangrove forests stood tall, sheltering aquatic life and maintaining the delicate balance of the ecosystem. But years of hydrocarbon contamination changed everything.

Oil spills and environmental degradation left deep scars on the landscape. The creek became heavily polluted, mangrove vegetation died off, and aquatic habitats were destroyed. Fish populations dwindled, forcing many fishermen to abandon their trade or travel farther in search of a catch. What was once a thriving ecosystem became a painful reminder of the environmental challenges facing Ogoniland.

For families whose livelihoods depended on the creek, the consequences were severe. Income declined, food sources became scarce, and a sense of uncertainty settled over the community. The water that had once sustained lives

appeared unable to sustain itself.

The turning point came with the intervention of the Hydrocarbon Pollution Remediation Project (HYPREP), established to implement the recommendations of the United Nations Environment Programme (UNEP) report on Ogoniland.

Over the years, HYPREP embarked on extensive remediation and restoration efforts across polluted sites, with Bomu emerging as one of the key locations for ecological recovery. Shoreline cleanup activities were undertaken to remove contaminants from affected areas. At the same time, large-scale mangrove restoration projects sought to revive the ecosystem that had been damaged by pollution.

"The reappearance of aquatic species reflects the positive impact of ongoing remediation and mangrove restoration activities," Prof. Zabbey.

The restoration process was neither simple nor the result immediate. It required scientific expertise, community participation, and patience. Thousands of mangrove seedlings were planted across degraded areas, gradually bringing life back to the wetlands. Residents were engaged in restoration efforts, creating a sense of ownership and responsibility for the recovering environment.

As the mangroves began to thrive, so did the conditions necessary for aquatic lives to return. The roots of the mangroves provided shelter for juvenile fish and other marine organisms. Water quality improved, habitats recovered, and biodiversity slowly populates the once dead creek.

Then came the signs many had been waiting for. Fish-stock assessments and environmental monitoring exercises started revealing encouraging results. Species that had become increasingly rare

were beginning to return to the creek. Fishermen reported larger catches and frequent sightings of aquatic life. Crabs, shrimps, oysters, periwinkles, and several fish species once again became visible in areas where pollution had previously driven them away.

For the people of Bomu, these developments are not just scientific observations. They are now realities in their community.

A fisherman who had spent years watching the creek decline now finds himself returning home with catches that reminded him of years back. Women involved in fish processing and trading are up again for renewed opportunities for income. Young people who had only heard stories about the creek's former abundance are beginning to witness signs of recovery firsthand.

The return of fish has become one of the clearest indicators that restoration efforts are yielding tangible results in Ogoni. While environmental recovery remains a long-term process, the presence of aquatic life suggests that the ecosystem is gradually regaining its natural balance. According to HYPREP Project Coordinator, Professor Nenibarini Zabbey, the reappearance of aquatic species reflects the positive impact of ongoing remediation and mangrove restoration activities. He has repeatedly emphasized that ecological restoration is not only about cleaning polluted sites but also about rebuilding livelihoods and restoring hope to affected communities.

And for a coastal community like Bomu that endured years of environmental degradation, the return of fish represents something far greater than an ecological milestone. It is the restoration of community life and livelihoods.

OGONI CLEAN-UP ...HYPREP SPEARHEADING MANGROVE RESTORATION POETRY CORNER

CHANT OF THE DELTA

By: NenBari Nkia Feefeelo

In mangrove veins,
Where waters weep,
The Ogoni heartbeat echoes, a defiant creep.
A people rise, unbroken, unchained,
Gathered in Assembly, their dignity reclaimed.

Ken's words ignite like fire in the night,
MOSOP's spirit: Justice, not spite.
Land ravaged, rivers choked with pain,
Yet they stand tall, like ancient Bee trees remain.

We are not victims, they declare with pride,
We are stewards of soil, where our ancestors slide.
Oil-soaked dreams, but voices unbound,
We demand clean air, our future, our ground.

Women weave songs of hope, children's eyes ablaze,
Elders chant truths: "Nii belee Kunuke".
The world listens, oil crimes laid bare,
Accountability's call: End the despair!

No more silence. No more chains.
The Ogoni People roar:
Freedom, not stains!
Resilience blooms where pipelines scar,
Nii kunuke pa Ogoni:
Land, justice, we are.

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THE ENVIRONMENT ON MARBLE

"To exist as a nation, to prosper as a state, to live as a people, we must have trees."

- Theodore Roosevelt

Photo:HYPREP

... for a cleaner and greener Ogoniland

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