



BIOVISION'S GLOBAL ENVIRONMENTAL ADVANCEMENTS AND BREAKTHROUGHS IN SUSTAINABILITY

BIOVISION, IN CONJUNCTION WITH OUR PARTNER, LAND & PLANNING, HAS BEEN SELECTED TO PROVIDE SOCIAL PERFORMANCE ADVISORY SERVICES FOR THE TILENGA PROJECT IN UGANDA, DEVELOPED BY TOTAL ENERGIES.

This project aims to develop oil fields in the Lake Albert region, requiring oversight and monitoring of the resettlement action plans (RAPs). BioVision will oversee RAPs 2-5, ensuring compliance with international standards and mitigating the social impacts of the project. The Tilenga Project, part of a broader oil and gas initiative in the Albert Graben, involves constructing wells, pipelines, and facilities, necessitating significant land acquisition and resettlement. The focus of BioVision's work will be to verify land acquisition processes, enhance stakeholder engagement, and assess grievance management, cash and in-kind compensation,

and livelihood restoration programs. The advisory services include conducting field visits, preparing detailed reports, and collaborating with local government and community leaders to ensure effective resettlement and community development practices. BioVision's approach aims to align the project with International Finance Corporation (IFC) standards, addressing potential social risks and enhancing the project's social license. Through rigorous assessment and stakeholder engagement, BioVision will support sustainable development and community well-being in the Lake Albert region.



BIOVISION SECURES ENVIRONMENTAL COMPLIANCE AUDIT FOR GIGAWATT'S 100MW GAS POWER PLANT IN MOZAMBIQUE

BioVision is proud to announce that we have been awarded the contract to conduct an environmental compliance audit for Gigawatt, a leading Mozambican energy company. Gigawatt has developed, constructed, and operates a 100MW natural gas-powered electricity station in Ressano Garcia, Maputo Province. The environmental compliance audit will focus on ensuring that the power plant meets all national and international environmental standards. This includes evaluating the plant's emissions, waste management practices, water usage, and overall environmental impact. The audit aims to verify that Gigawatt's operations align with sustainable

practices and regulatory requirements, ensuring minimal environmental footprint and promoting ecological balance. BioVision's comprehensive audit process will involve site visits, data analysis, and consultations with Gigawatt's management and operational teams. The findings will be compiled into a detailed report, providing actionable recommendations to enhance environmental performance and compliance. This project underscores BioVision's commitment to fostering sustainable energy practices in Africa and supporting the transition to greener energy solutions.



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BIOVISION SUPPORTS EDM WITH ENVIRONMENTAL AND SOCIAL MANAGEMENT SYSTEM IMPLEMENTATION

BioVision has been selected to support Electricidade de Moçambique (EDM) in developing and implementing an Environmental and Social Management System (ESMS). This system is designed to enhance EDM's environmental and social governance, ensuring adherence to both national regulations and International Finance Corporation (IFC) standards.

The project involves a comprehensive capacity assessment to identify gaps in staffing, knowledge, and training needs within EDM. BioVision provided detailed recommendations to establish an effective organizational structure, potentially including an ESMS champion at the Board level and the formation of an ESMS Steering Committee.

Additionally, BioVision conducted a thorough gap analysis of EDM's existing policies, procedures, and management plans. This analysis highlights areas requiring updates or new documentation to meet compliance standards.

This collaboration underscores BioVision's commitment to promoting sustainable energy practices and supporting EDM in achieving exemplary environmental and social performance.

ECO GLOBAL NEWS



THE REMARKABLE ROLE OF FUNGI IN COMBATING CLIMATE CHANGE

Did you know that fungi play a crucial role in mitigating climate change? These incredible organisms are vital in sequestering carbon and maintaining soil health, making them unsung heroes in the fight against global warming.

- 1. CARBON SEQUESTRATION:** Fungi, particularly mycorrhizal fungi, form symbiotic relationships with plant roots, helping plants absorb water and nutrients. In return, plants supply fungi with carbon-rich sugars. This process allows fungi to sequester significant amounts of carbon in the soil, effectively reducing atmospheric carbon dioxide levels.
- 2. SOIL HEALTH:** Fungi decompose organic matter, breaking down complex compounds into simpler substances that enrich the soil. This decomposition process not only recycles nutrients but also enhances soil structure, improving its ability to store carbon and retain water.
- 3. FUNGAL NETWORKS:** Known as the "Wood Wide Web," fungal networks connect plants across vast areas, facilitating nutrient exchange and communication. These networks enhance forest resilience by allowing plants to share resources and support each other during times of stress, such as droughts or disease outbreaks.
- 4. CLIMATE RESILIENCE:** By improving soil health and plant vitality, fungi contribute to the overall resilience of ecosystems. Healthy soils and robust plant communities are better equipped to withstand the impacts of climate change, such as extreme weather events and shifts in climate patterns.

FUN FACT:

Some species of fungi can even break down plastics and other pollutants, offering potential solutions for environmental cleanup and pollution mitigation.

WHY IT MATTERS:

Understanding the role of fungi in ecosystems highlights the importance of biodiversity and the interconnectedness of all living things. Protecting fungal habitats and promoting sustainable land-use practices can enhance these natural processes, contributing to climate change mitigation efforts.

Africa news

Finance and foreign ministers call for remaking the international financial system in the interest of developing countries

First Preparatory Committee meeting of the Fourth International Conference on Financing for Development concludes in Addis Ababa with renewed focus on bridging gaps in SDG financing and delivering international financial architecture reform

Honouring Nelson Mandela's legacy through community work

More than 50 colleagues from the United Nations, Member States, and the New York City Mayor's Office gathered on Randall's Island on 18 July to honour the legacy of Nelson Mandela and volunteer to help the community.

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World news

According to the 2024 State of Global Air report, air pollution accounted for 8.1 million deaths globally in 2021, becoming the second leading risk factor for death. The report also found that pollutants like outdoor fine particulate matter (PM2.5), which comes from burning fossil fuels, caused more than 90 per cent of global air pollution deaths and were found to be the "most consistent and accurate predictor of poor health outcomes around the world.

The first-ever State of the World's Migratory Species report was launched by the Convention on the Conservation of Migratory Species of Wild Animals (CMS). The report provides a global overview of the conservation status and population trends of migratory animals, combined with the latest information on their main threats and successful actions to save them. The findings underscore the need for greater action for all migratory species. It also shows that population and species-wide recoveries are possible, highlighting instances of successful policy change and positive action.

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