TNFD Report 2024

April 2024

Taskforce on Nature-related Financial Disclosures

Forum Member

AMEA Power endorsed the philosophy of the TNFD and joined the TNFD forum in March 2024.

ABOUT THIS REPORT

This is AMEA Power's first full-length TNFD report, outlining our approach to managing nature-related risks and opportunities as part of our broader sustainability commitments.

Published in July 2025, this report covers the 2024 calendar year and follows the four key pillars of the TNFD framework: Governance, Strategy, Risk & Impact Management, and Metrics & Targets. It has been prepared with reference to TNFD Final Recommendations v1.0, published in September 2023; TNFD's Guidance on the identification and assessment of nature-related issues: The LEAP approach and Additional sector guidance – Electric utilities and power generators.

Through this disclosure, AMEA Power reaffirms its commitment to integrating nature-related considerations into its business strategy and aligning with global best practices. This report marks the beginning of an ongoing journey, as we continue to engage with stakeholders across our value chain and explore ways to enhance environmental resilience and safeguard natural capital.

Disclaimer

This report includes forward-looking statements about AMEA Power plans, strategies, and commitments related to managing nature-related risks and opportunities. These statements are based on current expectations and assumptions and are intended for informational purposes. They are not guarantees of future performance and may differ from actual results due to various risks and uncertainties, including changes in policy, market conditions, or environmental factors. AMEA Power makes no warranty as to the accuracy or completeness of these statements. Except as required by law, AMEA Power is not obligated to update these statements based on new information or future events.

LETTER BY THE CHAIRMAN

The interdependence between nature and the global economy is undeniable. According to the World Economic Forum, over half of the world's GDP relies on natural ecosystems, impacting industries from construction and agriculture to tourism and healthcare. The energy sector is no exception.

At AMEA Power, we recognize that biodiversity is essential for maintaining environmental balance and securing resources for future generations. That is why we are committed to integrating nature-positive solutions into our operations, ensuring that our projects contribute to both climate action and ecological preservation.

Our sustainability strategy is built around 3 key pillars: Climate Action, Biodiversity Protection, and Circular Economy. We are advancing towards net-zero emissions by 2030, striving for a net-positive impact on biodiversity, and fostering circularity by reusing and recycling materials across our value chain. Furthermore, we align ourselves with global efforts to protect and restore biodiversity, actively supporting initiatives led by the United Nations and other international organizations. While we draw inspiration from industry best practices, we remain dedicated to shaping a sustainable energy future in our own way: one that prioritizes innovation, responsibility, and lasting positive impact.

HUSSAIN AL NOWAIS

AMEA Power Chairman

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INTRODUCTION

OUR APPROACH TO NATURAL CAPITAL

Natural capital encompasses essential resources such as land, water, air, biodiversity, and ecosystems that sustain life and economic activity. The stability of natural capital is directly linked to biodiversity, and any loss in biodiversity has far-reaching consequences for the environment, communities, and economies. According to the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), the drivers of biodiversity loss are accelerating, posing significant global challenges. However, through collaborative efforts and sustainable business practices, we can contribute to the preservation and restoration of natural ecosystems.

As a leader in renewable energy development, AMEA Power is committed to ensuring that our projects contribute to a net-positive impact on nature, reinforcing the resilience of the ecosystems and communities in which we operate. We recognize that protecting natural capital is not only critical for mitigating environmental risks but also for securing long-term business sustainability, enhancing livelihoods, and fostering economic prosperity. By integrating nature-positive solutions into the energy transition, we aim to ensure that clean energy development goes hand in hand with environmental stewardship.

In March 2024, AMEA Power expressed its support for the information disclosure recommendations of the Task Force on Nature-related Financial Disclosures (TNFD) and registered as a TNFD Early Adopter. This commitment reflects our dedication to improving transparency and integrating nature-related risks and opportunities into our decision-making.

By aligning with global frameworks such as TNFD and contributing to the objectives of the Kunming-Montreal Global Biodiversity Framework, we aim to enhance disclosure practices and drive meaningful action toward nature conservation.

Through collaboration with stakeholders — including governments, communities, suppliers, and conservation organizations — we are embedding biodiversity protection into our operations and value chain. By actively assessing, mitigating, and restoring environmental impacts, AMEA Power is committed to driving a renewable energy future that safeguards the planet for generations to come. As we continue to refine our approach, this report marks an important step in our journey toward comprehensive nature-related financial disclosures, aligning with TNFD's Final Recommendations and industry best practices.

"AMEA Power is the first energy company in the Middle East to join the Taskforce on Nature-related Financial Disclosures (TNFD), demonstrating its leadership in integrating nature-related risks and opportunities into financial and strategic decision-making".

TASKFORCE ON NATURE-RELATED FINANCIAL DISCLOSURE (TNFD)

The Taskforce on Nature-related Financial Disclosures (TNFD) is a global initiative established in 2021 to develop a risk management and disclosure framework that enables organizations to report and act on nature-related risks and opportunities. Its overarching goal is to support a shift in global financial flows towards nature-positive outcomes by enhancing corporate transparency and accountability.

After 2-years of development, involving participation from stakeholders in over 60 countries and more than 200 pilot tests, TNFD published its recommendations in September 2023. These recommendations, structured around four pillars: governance, strategy, risk and impact management, and metrics and targets; mirror the approach of the Task Force on Climate-related Financial Disclosures (TCFD), ensuring consistency in climate and nature-related reporting.

With 14 disclosure recommendations, the TNFD framework is designed to integrate seamlessly with existing frameworks, including TCFD and the International Sustainability Standards Board (ISSB), reinforcing corporate accountability in addressing nature-related challenges.

By reinforcing corporate accountability, TNFD helps organizations navigate the evolving landscape of environmental risks and responsibilities while responding to growing investor and regulatory expectations..

Beyond risk mitigation, the TNFD framework provides businesses and financial institutions with high-quality information that enables them to incorporate nature-related risks and opportunities into their strategic planning, risk management, and asset allocation decisions. As awareness of nature-related financial risks continues to grow, TNFD is playing a critical role in shaping a more sustainable and more resilient global economy.

Recognizing the diverse needs of stakeholders, TNFD takes an inclusive approach to materiality, ensuring that disclosures are not only relevant to investors but also address broader societal concerns. By fostering transparency and accountability, TNFD contributes to a more responsible and comprehensive approach to financial decision-making — one that aligns business success with positive outcomes for nature and society.

GENERAL REQUIREMENTS

APPLICATION OF MATERIALITY

At AMEA Power, we recognize that the success of our business is closely intertwined with the health of natural ecosystems. As adopter of the Taskforce on Nature-related Financial Disclosures (TNFD), we are committed to understanding and disclosing the dependencies, impacts, risks, and opportunities associated with nature.

Understanding Our Dependencies and Impacts

As a leading renewable energy company, AMEA Power depends on natural resources such as solar radiation, wind, and water to generate sustainable energy. While our projects contribute to decarbonization, we also recognize that land use, water consumption, and biodiversity interactions can create both risks and opportunities. To manage these dependencies and impacts, our team actively:

- Assess and mitigate biodiversity risks, ensuring minimal disruption to local ecosystems.
- Implement nature-positive solutions, such as habitat conservation and land restoration, in our project development and operations.
- Integrate supply chain due diligence to minimize environmental impacts and promote sustainable sourcing.

Managing Nature-Related Risks and Opportunities

We have identified key nature-related risks—such as biodiversity loss, water availability, and climate variability—that could influence the long-term sustainability of our projects. Using tools like ENCORE, IBAT, and biodiversity risk filters, we systematically assess and manage these risks, aligning with international best practices.

SCOPE OF DISCLOSURE

In this TNFD report, we focus on the areas of our business where nature-related dependencies and impacts are most significant. Our analysis covers direct operations, upstream supply chain, and downstream activities, ensuring a comprehensive understanding of nature-related risks and opportunities across our value chain.

- **Direct Operations**: As a renewable energy company, AMEA Power interact with diverse ecosystems. Our assessments include biodiversity risk evaluations, water use assessments, and land-use impact studies to ensure responsible project siting and operational practices. We are committed to implementing Biodiversity Management Plans (BMPs) and other mitigation measures to safeguard local habitats.

- **Upstream Value Chain**: We actively engage with suppliers involved in equipment manufacturing and construction. By integrating nature-related risk assessments in procurement decisions and collaborating with suppliers, we aim to minimize negative environmental impacts.

- **Downstream Value Chain**: Our focus extends to the long-term operational sustainability of our projects, including ecosystem resilience and community interactions. We assess biodiversity-related risks associated with our wind energy projects and associated facilities, exploring opportunities to enhance ecosystem services in the regions where we operate.

LOCATION OF NATURE-RELATED ISSUES

We recognize that nature-related issues vary from region to region, hence for each of our Projects we conduct ESIA studies in compliance with IFC Performance Standards, aimed to examine dependencies, impacts, risks and opportunities based on the characteristics of the region and the nature involved.

INTEGRATION WITH OTHER SUSTAINABILITY-RELATED DISCLOSURE

The TNFD framework is aligned with global standards such as the Global Biodiversity Framework (GBF) and the United Nations Sustainable Development Goals (SDGs), ensuring a consistent approach to reporting nature-related risks and opportunities. By integrating TNFD principles, AMEA Power strengthens its commitment to nature-positive actions and sustainable growth, providing stakeholders with a comprehensive view of its environmental and social impact.

Metrics from tools like the LEAP framework are cross-referenced with existing climate and sustainability targets, reinforcing transparency and accountability in environmental reporting. Moving forward, we will continue to monitor developments in disclosure standards and work towards integrating TNFD into our Sustainability Report, enhancing and streamlining the disclosure of nature-related information.

TIME HORIZONS

AMEA Power adopts a structured approach to assessing nature-related risks and opportunities across different time horizons to ensure project resilience and sustainability. In the short term (1–3 years), the focus is on regulatory changes that may impact project development and environmental compliance. Over the medium term (3–7 years), potential disruptions from resource depletion could affect the availability and cost of critical inputs. In the long term (7–10 years), AMEA Power evaluates the broader impacts of climate change on ecosystems, considering risks to biodiversity and natural resource availability. This forward-looking approach supports proactive decision-making and long-term sustainability planning.

STAKEHOLDER ENGAGEMENT

AMEA Power follows a structured approach to engaging with local communities and stakeholders to integrate nature-related considerations into its projects. This process includes assessing environmental and social impacts, planning inclusive conservation strategies, and implementing initiatives that align with community needs in compliance with our Human Rights Policy.

Through consultations, community needs-assessments, and participatory methods, AMEA Power ensures that local knowledge and perspectives are incorporated into projects biodiversity and sustainability efforts. These engagements ensure human rights respect and foster long-term collaboration and enhance the resilience of its projects. Further details can be found in the Governance section of this report.

GOVERNANCE

OVERSIGHT OF NATURAL CAPITAL AND SUSTAINABILITY EFFORTS

At AMEA Power, sustainability, including the management of nature-related risks and opportunities, is embedded into our corporate governance framework.

Our Environmental Policy, approved in May 2021, demonstrates our commitment to managing, monitoring, and reducing the environmental impacts of our business through the continual improvement of our operations, wherever practicable.

Each month, we report on environmental incidents and near misses. Reports are issued internally to Management Committee and externally to Project Lenders. Additionally, we investigate environmental incidents in relation to our operations (such as waste spillage or near-miss contamination events) to establish root causes and learn the appropriate lessons.

Our Environmental Management System has been certified to ISO 14001:2015 since 2021 as part of an integrated management system.

SUPERVISORY AND EXECUTION FRAMEWORK

AMEA Power's governance structure ensures that nature-related risks and opportunities are managed in coordination with climate-related and broader ESG considerations.

As part of our commitment to responsible business practices, we integrate nature-related factors into our sustainability strategy, ensuring that biodiversity and ecosystem preservation remain key focus areas throughout project development and operations.

This structured approach is supported by a clear allocation of roles and responsibilities, as outlined in the responsibility matrix of next page, which defines accountability across different levels of the organization.

"At AMEA Power, sustainability is at the core of our governance framework. We are committed to managing nature-related risks, integrating biodiversity considerations into our strategy, and continuously improving our environmental performance to create lasting positive impacts".

ROLE	GOVERNANCE BODY	RESPONSIBILITY
SUPERVISION	BOARD OF DIRECTORS (BOD)	▪ Oversee the nature-related strategy and relevant policies. ▪ Review of priority issues (positioning environment as a priority issues).
	MANAGEMENT COMMITTEE	▪ Approve annual sustainability policies, strategies, and targets. ▪ Monitor sustainability performance, including nature-related risks, and recommend improvements. ▪ Review key sustainability issues in business strategies, investments, and operations. ▪ Approve sustainability reports, ensuring accuracy and transparency. ▪ Ensure sufficient resources for effective strategy implementation.
EXECUTION	SUSTAINABILITY COMMITTEE	▪ Oversee safety, security, health, and environmental management, including nature-related issues, within the corporate sustainability strategy. ▪ Review and approve relevant sections of sustainability reports to ensure accurate and transparent disclosure. ▪ Monitor nature-related risks, impacts, and targets to assess the effectiveness of sustainability initiatives.
	ESG TEAM	▪ Implement sustainability and nature-related strategies with clear roles and responsibilities. ▪ Engage in the TNFD Forum, recommendations and related disclosures. ▪ Provide strategic direction on natural capital management. ▪ Monitor global trends and execute sustainability initiatives.
	ALL EMPLOYEES	▪ Comply with AMEA Power's sustainability including nature-related requirements. ▪ Support sustainability including nature-related strategy implementation related to their areas of responsibility.

HUMAN RIGHTS MANAGEMENT AND ENGAGEMENT ACTIVITIES

AMEA Power recognizes that human rights and environmental stewardship are interconnected. We are committed to safeguarding fundamental human rights and preventing abuses across all aspects of our operations, including our supply chain. Our approach is guided by international human rights standards, while also considering local contexts and the needs of the communities in which we operate.

To mitigate human rights risks affecting employees, suppliers, communities, and vulnerable groups, AMEA Power has implemented a Human Rights Policy and management framework procedure (AP-QHSE-PRO-059). This framework procedure ensures responsible business practices while reinforcing our mission to deliver clean energy solutions that enhance economic prosperity and improve quality of life.

Our Human Rights Policy and management system align with internationally recognized frameworks, including the United Nations Universal Declaration of Human Rights (UDHR), the United Nations Guiding Principles on Business and Human Rights (UNGP), the UN Declaration on the Rights of Indigenous Peoples, the United Nations Global Compact (UNGC), and the International Labour Organization (ILO) Declaration on Fundamental Principles and Rights at Work.

AMEA Power is committed to ensuring that all internal operations, employees, and business activities uphold our human rights principles. Additionally, we actively engage suppliers, business partners, and stakeholders to align with these standards, fostering a responsible and sustainable energy sector.

HUMAN RIGHTS DUE DILIGENCES

AMEA Power has integrated a rigorous Human Rights Due Diligence Process into its overarching Human Rights Management System, aligning with international standards. This structured approach ensures that human rights considerations are embedded into all aspects of our operations and supply chain.

1. COMMIT. AMEA Power is committed to upholding international human rights principles, including the United Nations Global Compact (UNGC) and the United Nations Guiding Principles on Business and Human Rights (UNGP). We ensure that employees at all levels understand and adhere to our human rights commitments through training and awareness programs.

2. ASSESS. We conduct ongoing human rights risk assessments at the country, industry, and project levels to identify potential impacts on communities, employees, and stakeholders. This process informs our strategies and policies.

3. INTEGRATE. Human rights considerations are embedded into risk management and corporate governance frameworks, including Health, Safety, and Environmental (HSE) standards, supply chain policies, and stakeholder engagement strategies, ensuring alignment with business operations.

4. MEASURE. We monitor and audit human rights performance, establishing accessible grievance mechanisms to allow affected individuals and groups—including local communities, indigenous groups, and vulnerable populations—to raise concerns. We ensure these mechanisms are transparent, inclusive, and effective.

5. REMEDY. AMEA Power is committed to providing timely and effective remedies for any human rights grievances linked to our business activities, ensuring that complaints are resolved fairly and transparently.

6. REPORT. We disclose our human rights performance, risk management outcomes, and progress to stakeholders, reinforcing our commitment to transparency and continuous improvement.

Our human rights due diligence process includes risk identification, mitigation planning, and ongoing monitoring, with a comprehensive risk assessment conducted every three years and annual reviews to ensure responsiveness to emerging issues. Key business functions, including HSE, Sustainability, Human Resources, Risk Management, Stakeholder Engagement and Supply Chain, collaborate to integrate human rights considerations into Company Risk Management (CRM), ensuring a proactive and accountable approach to human rights protection

HUMAN RIGHTS IMPACT ASSESSMENTS

AMEA Power conducts periodic human rights due diligence across its operations, ensuring that Human Rights Impact Assessments (HRIA) are an integral part of the Environmental and Social Impact Assessment (ESIA) process during the development phase of its projects. These assessments, conducted in accordance with the Equator Principles (EP4) and specifically with, *Principle 2: Environmental and Social Assessment*; *Principle 3: Applicable Environmental and Social Standards*, evaluate potential risks to local communities, indigenous peoples, and ecosystems.

HRIA within the ESIA framework considers both direct and indirect impacts, including effects on biodiversity, water resources, and ecosystem health. The findings are integrated into AMEA Power's broader nature-related risk assessments, ensuring that human rights considerations are embedded in environmental decision-making and project planning.

ENGAGEMENT WITH INDIGENOUS PEOPLE AND LOCAL COMMUNITIES

At AMEA Power, we are committed to integrating biodiversity conservation and meaningful engagement with Indigenous Peoples and local communities into our operations.

Our approach focuses on minimizing ecological impacts, supporting habitat restoration, and fostering collaboration with key stakeholders. Recognizing the critical role of nature in sustaining ecosystems and communities, we align our practices with international standards, including IFC Performance Standards 6 and 7, the TNFD framework, the Equator Principles (particularly Principles 5 and 7), and global biodiversity commitments.

Our strategy is proactive and science-driven, incorporating biodiversity risk assessments at every stage of project planning and implementation. By engaging with local communities, regulators, conservation organizations, and industry partners, we develop tailored conservation initiatives that address site-specific environmental challenges.

These efforts include protecting threatened species, restoring critical habitats, mitigating biodiversity risks through adaptive management, and promoting sustainable land and water resource use.

Furthermore, we ensure our operations respect the rights, land, culture, and natural resources of affected communities, prioritizing transparent, respectful, and continuous communication throughout the project lifecycle.

Additionally, we actively support research and innovation to explore nature-based solutions that enhance ecosystem resilience.

Our biodiversity commitments go beyond compliance, as we aim to positively contribute to the regions where we operate through capacity-building programs, habitat restoration projects, and conservation partnerships.

Through structured stakeholder engagement, continuous monitoring, and transparent reporting, AMEA Power ensures biodiversity and community considerations remain central to our sustainability agenda.

By embedding these principles into our decision-making processes, we are dedicated to delivering clean energy solutions that respect, protect, and enhance natural ecosystems and the well-being of communities for future generations.

GRIEVANCE MECHANISMS AND CONTINUOUS ENGAGEMENT

AMEA Power has established a transparent and accessible grievance mechanism to ensure that both internal and external stakeholders, including Indigenous Peoples and local communities, can report concerns related to human rights, environmental impacts, and nature-related risks. This mechanism is designed to uphold accountability, providing a structured and impartial process for addressing and resolving grievances in a timely manner.

In compliance with IFC Performance Standards (including PS1 on Stakeholder Engagement and PS7 on Indigenous Peoples) and the Equator Principles, AMEA Power ensures that meaningful engagement with local communities begins at the earliest stages of project development. The company is committed to ongoing dialogue and consultation throughout the entire project lifecycle, reinforcing its commitment to transparency, respect for rights, and environmental stewardship.

STRATEGY

AMEA Power recognizes the intrinsic link between its business activities and natural capital, including biodiversity, ecosystems, and the services they provide. In line with the Natural Capital Protocol and the TNFD Framework, the company assesses both its dependencies on and impacts on natural capital throughout its project lifecycle.

Every business operation, including renewable energy development, relies on ecosystem services either directly or indirectly, while also exerting an impact on the surrounding environment. While integrating natural capital considerations into business operations may introduce cost implications, it also delivers long-term benefits such as ecosystem resilience, biodiversity conservation, and enhanced environmental sustainability.

To manage these interactions effectively, AMEA Power has established an Environmental and Social (E&S) Management System, aligned with international best practices, including IFC Performance Standards, Equator Principles, and ISO 14001 Environmental Management Systems. This framework ensures that environmental and social risks are systematically assessed and mitigated across all project phases, from development and construction to operation and decommissioning. Environmental and Social Impact Assessments (ESIAs), including biodiversity and social impact evaluations, are conducted during the development phase of each project, with public disclosure and stakeholder engagement as key components of the process.

In minimizing its environmental footprint, AMEA Power follows a mitigation hierarchy (avoid, minimize, restore, and offset) to manage nature-related risks and enhance sustainability outcomes. The company integrates mitigation strategies for biodiversity conservation, land use, and climate-related impacts, ensuring compliance with both regulatory requirements and voluntary global sustainability frameworks such as TNFD, SBTN, and SDGs.

One of key features of the TNFD Framework is its approach of assessing risks and opportunities for companies by taking into account the interaction between natural capital and business activities/society from the two perspectives of "dependencies" and "impact" on natural capitals.

Moving forward, AMEA Power remains committed to embedding nature-related considerations into its sustainability strategy. The company actively seeks to contribute to biodiversity protection, responsible resource management, and ecosystem restoration, ensuring that its renewable energy projects align with long-term environmental and social responsibility goals.

IDENTIFY SENSITIVE LOCATIONS

Some of AMEA Power's projects are located near areas of high biodiversity value, such as Key Biodiversity Areas (KBAs), which are home to endangered or endemic species. A spatial analysis was conducted for these locations, and three tools were used to identify sensitive areas and assess nature-related risks:

Biodiversity Risk Filter

This tool helps address biodiversity risks to enhance resilience. By using data from AMEA Power projects and key spatial information, like ecosystem service maps, we can identify potential risks in our operations, supply chains, and investments. This allows us to focus our efforts on managing those risks. The tool also provides a landscape risk score, which reflects biodiversity risk based on industry impacts and dependencies at specific locations.

IBAT

This tool provides up-to-date biodiversity information from global databases to identify biodiversity hotspots, protected areas, and threatened species within a project area, based on IUCN Red List categories. Since IUCN reassesses species every five to ten years, it's important to adjust our strategies based on these updates. The goal is to integrate biodiversity considerations early in decision-making to avoid or mitigate negative impacts on ecosystems and species.

AVISTEP

This tool provides real-time biodiversity data from global sources to identify key biodiversity areas, protected sites, and species at risk within a project area. By leveraging the latest information on species distribution and threats, it allows us to stay informed on potential biodiversity impacts. The goal is to incorporate biodiversity factors early in the decision-making process to minimize or prevent harm to ecosystems and species.

ArcGIS

This spatial analysis tool overlays key biodiversity areas, such as KBAs and protected areas. To assess the distribution and percentage of overlap with these areas, data from iBAT and AVISTEP are obtained and integrated with AMEA Power's projects areas using ArcGIS.

CASE STUDY: AMUNET WIND PROJECT

The Amunet Wind Project is one of AMEA Power's projects located near areas of high biodiversity value. The project is located in the Red Sea Coastal Desert ecoregion, characterized by compacted gravel desert with shallow drainage channels (wadis) and sparse vegetation confined to these areas.

It lies within the Red Sea - Rift Valley flyway, one of the world's most critical migration corridors for Migratory Soaring Birds (MSBs). The project overlaps by less than 1 km² with the southeastern corner of the Gebel El Zeit Important Bird and Biodiversity Area (IBA/KBA), a key site where migratory birds, particularly storks and raptors, are funneled along the Gulf of Suez during their spring and autumn migrations.

AMUNET WIND PROJECT KBA - GEBEL EL ZEIT

To assess and mitigate biodiversity risks, AMEA Power conducted a comprehensive Environmental & Social Impact Assessment (ESIA), engaging with the Project Lenders, including the International Finance Corporation (IFC), independent consultants, and ornithological experts. This process included consultations with bird migration monitoring teams and the Nature Conservation of Egypt (NCE), BirdLife International's representative in Egypt.

Findings from these consultations and existing bird data confirmed that the small overlap with the IBA/KBA does not serve as a stopover or resting site and is located away from the primary bird concentration areas. Additionally, the overlap area lacks features that typically attract birds, such as water bodies.

To minimize risks to MSBs and preserve biodiversity, AMEA Power implemented a robust risk mitigation strategy, including:

- Exclusion of wind turbines and project activities within the small overlap area of the IBA/KBA.
- Establishment of a 3 km buffer zone between the project and the main bird concentration areas within the Gebel El Zeit IBA/KBA.
- Implementation of a long-term bird monitoring and adaptive management program to continuously assess and mitigate potential risks.

THREATENED SPECIES IN OUR PROJECTS

Understanding the species present in the areas influenced by our projects is essential to preventing and minimizing potential impacts, especially for protected species. AMEA Power identifies threatened species listed on the IUCN Red List and relevant national and regional conservation lists to ensure proactive risk management. To support biodiversity protection, we implement species monitoring programs and research initiatives across our project sites, enhancing our knowledge of their behavior and integrating these insights into our operations.

The following table shows the number of species on the IUCN Red List identified by AMEA Power facilities, without this implying any impact or threat derived from the activity.

THREATENED SPECIES	#
Critically endangered (CR)	0
Endangered (EN)	6
Vulnerable (VU)	16
Near Threatened (NT)	13
Least Concern (LC)	228

At AMEA Power, we take a proactive approach to minimizing impacts on threatened species. Our mitigation measures include site-specific biodiversity action plans, habitat protection initiatives, and real-time monitoring systems to track species movement. We also collaborate with conservation organizations, local authorities, and scientific experts to ensure our measures align with global best practices.

Additionally, our adaptive management strategies allow us to continuously refine our efforts based on monitoring data, ensuring the long-term protection of vulnerable species within our project areas

CONSERVING BIODIVERSITY IN THE EGYPTIAN DESERT

A CASE STUDY FOR AMEA POWER 500MW AMUNET WIND PROJECT, IN EGYPT

The Egyptian spiny-tailed lizard, scientifically known as *uromastyx aegyptia*, is an extraordinary inhabitant of arid landscapes across North Africa and the Middle East. Known for its distinctive spikes and remarkable adaptability, this species has earned its place as an enigmatic desert dweller. Yet, despite its extraordinary resilience, the Egyptian spiny-tailed lizard is under threat of extinction and has been classified as "vulnerable" according to the IUCN / Red List classification.

A recent study (Tamar et al., 2018) reveals a significant decline in its population, largely due to local demand for its consumption, excessive hunting, and global challenges such as habitat loss and shifts in land use. These factors have created an uneven conservation landscape for this unique species.

In the context of AMEA Power's Amunet Wind Project, located on the western coast of the Gulf of Suez in Egypt, we have identified the presence of this species during the biodiversity studies. Subsequent surveys have highlighted a high density of burrows in the area expected to host the foundations of the project's wind turbines and access roads. The study underscores that anthropogenic disturbances, such as an increase in trail networks during and post-construction, may have significant negative impacts on wildlife populations

As immediate mitigation actions to avoid or minimize the impact of the construction on this species and its habitat, the AMEA Power ESG team has implemented several key measures. These include a field protocol to guide on-site actions when lizard activity is detected, strict control of off-road driving, and the removal of any pre-construction waste. Additionally, the team has developed a translocation plan, in collaboration with a team composed of ecological consultants and our project lenders, led by the IFC - International Finance Corporation, in tandem with WSP, the lenders' advisor. Our ecological consultant, the Regional Center for Renewable Energy and Energy Efficiency (RCREEE), has worked in partnership with a consortium of local experts with specialized knowledge of the species in this region, including Nature Conservation Egypt (NCE), a Birdlife International partner, and Safe Soar, a local environmental consulting company.

The translocation process has been carried out during the hibernation period of the lizards to reduce the disturbance of the species and easier handling, within a specially designed facility that mimics the *uromastyx*'s natural environment. The species will be released into the wild at the end of the hibernation period, and habitat restoration will be carried out. This approach not only contributes to the conservation of the existing fauna but also has the potential to attract other species back to the area, ensuring that our Amunet Wind Project is in harmony with the ecological integrity of the region.

"The conservation of the Egyptian spiny-tailed lizard is a testament to AMEA Power's commitment to biodiversity stewardship and habitat protection. This initiative reflects our dedication to harmonizing clean energy expansion with ecological integrity, setting a precedent for responsible infrastructure development in sensitive ecosystems."
Mohamed Ezat, Biodiversity Manager

NATURE-RELATED SUPPORTED INITIATIVES

AMEA Power is actively aligning with the TNFD framework and is committed to integrating its recommendations into our sustainability reporting. As part of our broader environmental strategy, we are enhancing our approach to nature and biodiversity disclosure, ensuring transparency and accountability in how we assess and manage biodiversity-related risks and opportunities.

AMEA Power is proud to be part of the Nature Positive Initiative, reinforcing our commitment to protecting and restoring biodiversity across our operations. By aligning with this global movement, we actively integrate nature-positive principles into our renewable energy projects, ensuring that our developments contribute to ecosystem resilience, habitat restoration, biodiversity conservation.

AMEA Power has joined the Business for Nature platform initiative, "*Make it Mandatory*," advocating for stronger corporate accountability in biodiversity conservation. By supporting this initiative, AMEA Power aligns with global efforts to integrate nature-related disclosures into business decision-making. Alongside more than 400 companies worldwide, we contributed to advancing biodiversity commitments, including the adoption of Goal 15 of the Global Biodiversity Framework at COP15.

AMEA Power is proud to support the Alliance for Zero Extinction (AZE), reaffirming our dedication to the protection of the world's most critical sites for endangered species. By aligning with AZE, we integrate conservation priorities into our renewable energy projects, ensuring that our developments contribute to safeguarding species at risk, preserving key biodiversity areas, and promoting long-term ecosystem resilience.

RISK AND IMPACT MANAGEMENT

IDENTIFICATION OF IMPACTS AND DEPENDENCIES ON NATURE

AMEA Power identifies potential impacts on nature degradation to proactively avoid, minimize, mitigate, or compensate for them, following the principles of the mitigation hierarchy outlined in its Biodiversity Policy.

The identification and management of these impacts is an ongoing process throughout the lifecycle of each project. Below are key sources of information and tools used:

- Environmental and Social Impact Assessments (ESIA) conducted during project development, in compliance with IFC Performance Standards and the Equator Principles.
- Environmental monitoring and surveillance programs during construction and operation.
- Continuous evaluation of environmental factors as part of the company's environmental management systems.
- Collection and analysis of impact metrics, including assessments of AMEA Power's Corporate Environmental Footprint.
- Application of biodiversity assessment tools, including ecosystem and species metrics, in alignment with AMEA Power's biodiversity commitments.

The following sections outline the key activities during project installation that may have the most significant environmental effects and the measures taken to address them.

DEVELOPMENT PHASE

- Site selection to minimize environmental and social impacts.
- Construction and technological solutions that enhance sustainability and efficiency.
- Material selection based on sustainability, durability, and environmental impact.

CONSTRUCTION PHASE

- Use of vehicles and machinery, which may contribute to emissions, noise, and habitat disturbance.
- Construction of access roads and disruption of vegetation cover, potentially impacting local ecosystems.
- Increased human activity, which may temporarily alter wildlife behavior, though these effects are generally reversible.
- Landscape modifications, including land use changes that could affect the visual and ecological characteristics of the area.

OPERATIONAL PHASE

- Avifauna mortality or morbidity due to collisions and electrocution.
- Generation of spills and discharges, affecting soil and water quality.

DECOMMISSIONING PHASE

- Use of machinery and vehicles for the removal of existing facilities.
- Extended human presence, which may temporarily affect wildlife behavior but is generally reversible.

Following the recommendations of the Taskforce on Nature-related Financial Disclosures (TNFD), AMEA Power has utilized the ENCORE, which was developed by the UN Environment Programme (UNEP) and STBN materiality tools to conduct an initial high-level analysis of the potential impacts and dependencies across its key technologies and value chain. The results of this analysis for direct activities, sorting out the importance of dependencies and impacts according to four steps between Very High and Very Low, are presented in the following tables:

MATERIALITY OF POTENTIAL IMPACTS

IMPACTS ON NATURE						
		PRESSURES				
TECHNOLOGY	PROCESS	AREA OF LAND USE	GENERATION AND RELEASE OF SOLID WASTE	EMISSIONS OF TOXIC POLLUTANTS TO WATER AND SOIL	VOLUME OF WATER USE	DISTURBANCES (EG. NOISE, LIGHT)
SOLAR	POWER GENERATION	MEDIUM	VERY LOW	LOW	LOW	VERY LOW
WIND	POWER GENERATION	MEDIUM	VERY LOW	VERY LOW	LOW	MEDIUM

CHANGE IN ASSESSMENT

In the impact assessment, the area land use was initially assessed by Encore as having a "High" impact; however, this rating has been revised downward to "Medium." Conversely, the solar component, originally evaluated by Encore as "Low," has been adjusted upward to "Medium."

MATERIALITY OF DEPENDENCIES

DEPENDENCIES ON NATURE									
TECHNOLOGY	PROCESS	PROVISION SERVICES	REGULATING AND MAINTENANCE SERVICES						
		WATER	GLOBAL CLIMATE REGULATION	SOIL AND SEDIMENT RETENTION SERVICES	LOCAL CLIMATE REGULATION	WATER FLOW REGULATION	FLOOD MITIGATION SERVICES	STORM MITIGATION	NOISE ATTENUATION
SOLAR	POWER GENERATION	VERY LOW	VERY HIGH	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	VERY LOW
WIND	POWER GENERATION	VERY LOW	VERY HIGH	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM

CHANGE IN ASSESSMENT

In the dependencies assessment, the water dependency for solar projects was initially assessed by Encore as having a "Medium" impact; however, this rating has been revised downward to "Very Low" since AMEA Power has implemented a dry-cleaning strategy for the PV panels cleaning of its solar projects. Similarly, the flood mitigation dependency for wind projects, initially rated as "High," has been revised downward to "Medium" following the implementation of improved site selection practices and infrastructure resilience measures to mitigate flood risks.

ANALYSIS OF IMPACTS AND DEPENDENCIES

IMPACTS ON NATURE

Both technologies have a medium impact on land use, a critical factor in project siting, while wind power also exhibits a medium impact on noise and shadow flicker disturbances. To mitigate these effects, AMEA Power conducts thorough Environmental and Social Impact Assessments (ESIAs) to ensure optimal site selection, minimizing environmental and social impacts wherever feasible. When avoidance is not possible and viable alternatives are limited, AMEA Power implements targeted mitigation measures, including Biodiversity Management Plans (BMPs), Resettlement Action Plans (RAPs) or Livelihood Restoration Plans (LRPs), as well as noise and shadow flicker assessments, all in full compliance with IFC Performance Standards.

Wind power generation generally faces concerns about avifauna collision risks. However, AMEA Power implements robust conservation measures based on Environmental and Social Impact Assessments (ESIAs) to minimize such risks. Additionally, we conduct Critical Habitat Assessments (CHA) and develop Biodiversity Action Plans (BAP) to identify and implement targeted mitigation measures. Through these efforts, AMEA Power strives to avoid significant impacts on the ecosystem, including avifauna, to the greatest extent possible.

DEPENDENCIES ON NATURE

Both solar and wind power generation heavily depend on global climate regulation, categorized as very high, emphasizing the sector's reliance on stable climate conditions for efficient operations. Climate change can significantly impact the efficiency of both technologies—for instance, rising temperatures may reduce the efficiency of photovoltaic (PV) panels, while shifting wind patterns and extreme weather events can affect wind turbine performance and reliability. Additionally, other regulatory services, such as soil and sediment retention, local climate regulation, water flow regulation, and storm mitigation, show a medium dependency across both technologies, reinforcing the need for climate-resilient energy infrastructure and adaptive management strategies.

RISKS AND OPPORTUNITIES

At AMEA Power, our commitment to sustainability is embedded in our Nature-Positive Strategy, which aligns with our broader Climate Action, Biodiversity Conservation, and Circular Economy initiatives. This strategy serves as the foundation for identifying, mitigating, and leveraging nature-related risks and opportunities across our operations.

AMEA Power is deeply committed to biodiversity conservation, making it a central pillar of our Environmental and Social Impact Assessments (ESIAs) for every project. This commitment ensures that biodiversity considerations are fully integrated into our decision-making processes, guiding site selection, project design, and mitigation measures to minimize environmental impacts and promote sustainable development.

In line with the Task Force on Nature-related Financial Disclosures (TNFD) recommendations, AMEA Power has enhanced its nature-related risk and opportunity assessment to drive resilient and sustainable business decisions.

According to TNFD, risks and opportunities are classified into three categories:

- Nature-related physical risks: These arise from the degradation of nature and the resulting loss of ecosystem services on which economic activities depend. For AMEA Power, these risks could be chronic—such as increased land degradation affecting solar farm stability—or acute, like extreme weather events impacting wind turbine operations.
- Nature-related transition risks: These stem from misalignment with evolving regulatory, policy, and market expectations related to biodiversity protection and nature conservation. Changes in environmental regulations, technology advancements, and shifting investor or consumer preferences could impact AMEA Power's operations and supply chain dynamics.
- Nature-related systemic risks: These arise from wider ecosystem failures, where cascading environmental disruptions lead to unforeseen operational and financial impacts. For instance, biodiversity loss in critical habitats may indirectly affect ecosystem services vital for project stability.

Risks and opportunities are analyzed at the corporate, and project levels. Through detailed materiality assessments, AMEA Power proactively identifies and manages risks linked to critical physical events (both acute in the short-medium term and chronic in the long term) as well as transitional factors (including regulatory, technological, reputational, and market shifts).

By embedding nature-related risk management into our strategic decision-making, AMEA Power ensures its projects not only drive renewable energy growth but also contribute to the long-term resilience of natural ecosystems.

The following table shows the risks, the main management and mitigation measures, as well as the opportunities identified after this analysis.

PHYSICAL RISKS			
RISK	IMPLICATIONS FOR AMEA POWER	MAIN MANAGEMENT / MITIGATION	OPPORTUNITY
Impact of new construction and maintenance projects on protected or high-value ecosystems.	Higher costs for corrective measures or project delays/rejections limiting renewable energy development.	Conduct Environmental & Social Impact Assessments (ESIA) before project development. Implement Biodiversity Action Plans (BAPs) to protect and restore habitats. Use wildlife-friendly infrastructure, such as bird diverters and wildlife corridors. Introduce reforestation and land rehabilitation projects to counteract degradation. Conduct fire risk assessments and implement prevention measures. Optimize water and energy consumption during construction and operations. Develop offset programs for carbon and biodiversity impacts.	Strengthening AMEA Power's reputation as a responsible renewable energy developer. Implementing resource efficiency measures to lower operational costs. Keeping frequent stakeholder engagements and implementing significant Community Investment and Development activities. Exploring investments in nature-positive solutions . Exploring circular economy models (e.g., repurposing decommissioned solar panels) to drive innovation.
Impact on threatened species.	Interruption or reduction of production and increase in the cost of mitigation measures and fines.		
Degradation of ecosystems, increases of erosion and landslides.	Increase in maintenance/ repair costs.		
Impacts of fires caused by infrastructure on ecosystems.	Cost of repairing fire damage and its impact on ecosystems.		
Consumption of natural resources for energy generation, construction and maintenance of facilities.	Changes in resource availability can reduce or disrupt production		
Changes in weather conditions and extreme events.	Interruption or reduction of production.		
Exceed ecological and regulatory thresholds for emissions to soil, water or air.	Interruption or reduction of production and an increase in the cost of measures and fines.		

TRANSITION RISKS (REGULATORY/REPUTATIONAL/MARKET/TECHNOLOGICAL)			
RISK	IMPLICATIONS FOR AMEA POWER	MAIN MANAGEMENT / MITIGATION	OPPORTUNITY
Local Content & Supply Chain Regulations.	Limited local availability could result in delays, and increased times for project completion.	Conduct detailed biodiversity and environmental assessments early stages of project development. Engage early and transparently with communities, NGOs, and regulators to minimize opposition and anticipate issues. Implement strong grievance mechanisms and community benefit-sharing programs. Strength due diligence on supply chain to reduce human rights and labor standards across projects and suppliers. Strengthen legal due diligence to prevent conflicts related to land use and agricultural areas. Technological Diversification.	Strengthening AMEA Power's reputation as a responsible renewable energy developer. Proactively adopting stricter environmental and social standards (e.g., TNFD, human rights compliance). Access to green financing, sustainability-linked loans, and impact investors by aligning with stricter nature-related financing requirements. New designs in projects that incorporate the compatibility of land uses and contribute to the local Economy. Early engagement with communities and NGOs to improve local support, reducing opposition and legal risks. Innovation, research and new business opportunities with investment in new Technologies.
Stronger (stricter) financing requirements on nature-related impacts and dependencies.	Increase budget for detailed assessments of nature-related risks and dependencies.		
Conflicts with interested parties when locating new developments in agricultural or livestock areas.	Reduce opportunities for the implementation of new project developments in the area.		
Fluctuations in renewable energy prices (cost increase competition and reduce margins).	Increase costs of the projects and reduce opportunities for new developments.		
Supply chain disruption due to geopolitical risks or trade restrictions.	Delay project timelines, higher logistics and material costs.		
Allegation of Human Rights violations & poor Labor Practices in our projects.	Impact on brand reputation and competitiveness.		
Community & NGO scrutiny, leading to potential opposition or legal actions.	Slow down of project approvals, reputational risks, legal challenges.		
Adaptation to new technologies with lower impact or dependency and implementation of new immature technologies to reduce the impact or dependency .	Technological obsolescence in measures to reduce impacts and dependencies.		

DEMONSTRATING NO NET LOSS OR NET GAIN FOR A WIND PROJECT IN A MIGRATORY CORRIDOR

A CASE STUDY FOR AMEA POWER 500MW AMUNET WIND PROJECT, IN EGYPT

At AMEA Power, we recognize that protecting biodiversity is essential to the long-term sustainability of our projects and the ecosystems in which we operate. Our biodiversity vision focuses on minimizing project-related ecological impacts, particularly on vulnerable and migratory species, while aligning with international best practices and standards.

Our approach goes beyond mitigation, seeking to actively restore and enhance habitats wherever possible. By implementing science-based strategies, collaborating with conservation experts, and engaging with local and international stakeholders, AMEA Power aims to achieve measurable positive outcomes for biodiversity.

Amunet Wind Project is a 500MW wind farm located approximately 9 km northwest of Ras Ghareb city in Egypt's Red Sea Governorate. Situated in one of the world's most significant wind corridors—the Gulf of Suez region—the project will play a key role in Egypt's clean energy transition.

In line with our sustainability commitments, AMEA Power has worked along with The Biodiversity Consultancy (TBC) and the IFC - International Finance Corporation to ensure that Amunet complies with IFC Performance Standard 6 on Biodiversity Conservation and Sustainable Management of Living Natural Resources. This standard requires projects to avoid and minimize biodiversity impacts and, where necessary, implement compensatory actions to ensure no net loss—or even net gain—for critical species and habitats.

The Red Sea/Rift Valley flyway is one of the world's most critical migration routes for soaring birds, linking Europe's breeding grounds with Africa's wintering areas. More than 1.5 million migratory soaring birds—representing 37 species—depend on this corridor each year. Due to the project's location within this flyway, AMEA Power has conducted detailed biodiversity assessments to understand potential risks and develop appropriate mitigation and conservation strategies. Five species have been identified as qualifying for Critical Habitat under IFC PS6, meaning that achieving a Net Gain (NG) for these species is required. An additional five species are classified as important for Natural Habitat, requiring No Net Loss (NNL).Meeting these commitments requires a comprehensive strategy that combines impact mitigation, habitat conservation, and biodiversity offset initiatives.

AMEA Power has developed a Biodiversity Action Plan (BAP) to guide the project's biodiversity conservation efforts. To achieve our biodiversity objectives, we have focused on the following key areas:

- Assessing Residual Impacts: Using advanced collision risk models, we evaluated the potential impact of wind turbines and transmission lines on migratory bird species. This assessment considered mitigation measures such as turbine shutdown on demand and Bird Flight Diverters to minimize collision risks.

- Offset Feasibility Study: Given the nature of bird migration through Egypt, local offset options are limited. To address this, we conducted a flyway-wide assessment—evaluating 19 offset options across multiple regions, from northern Europe to southern Africa.

- Developing a BAP: Based on the findings, TBC identified four key conservation projects that can effectively deliver the required biodiversity gains. These projects will help AMEA Power fulfill its NNL/NG commitments under IFC PS6.

Recognizing the importance of long-term biodiversity stewardship, AMEA Power has actively engaged with conservation partners to ensure that offset programs are effectively implemented and monitored. By working collaboratively with local and international stakeholders, we aim to maximize the ecological benefits of our biodiversity initiatives and contribute to the preservation of migratory bird populations.

The BAP developed for the Amunet Wind Project is an integral part of our environmental commitment and supports lender financing requirements for the project. More importantly, it establishes a framework for achieving tangible conservation benefits, ensuring that migratory bird species not only avoid harm but benefit from AMEA Power's proactive conservation efforts. By embedding biodiversity conservation into our project planning and operations, AMEA Power continues to demonstrate that renewable energy development and nature protection can go hand in hand.

METRICS AND TARGETS

NATURE-RELATED METRICS

The ecological processes of nature are complex, making it challenging to establish comprehensive indicators that accurately reflect the state and impact of various activities on biodiversity. At AMEA Power, we assess our impacts, dependencies, risks, and opportunities at the project and corporate levels, integrating relevant metrics and indicators to enhance our environmental management approach. We are working towards strengthening our biodiversity impact assessment framework, aligning with global best practices and disclosure standards. This includes developing methodologies to track our footprint on ecosystems and species, ensuring we effectively measure and mitigate our environmental impact. In developing our metrics and indicators, we have referred to Section 4, Annex 1 (TNFD Core Global Disclosure Metrics) and Annex 2 (TNFD Additional Global Disclosure Metrics). We have selected only those metrics that are most relevant to AMEA Power's business operations.

DRIVE OF NATURE CHANGE	N.	METRIC	UNIT	2024
Climate Change	-	GHG emissions:	tCO_2e	Under review
Land Use Change	C 1.0	Total spatial footprint	ha	1,962.88
	Additional	Total number of sites in close proximity to critical biodiversity area	n. of sites	2
	Additional	Total areas in close proximity to critical biodiversity area	ha	1,308
Pollution	C 2.1	Total volume of wastewater discharged	Mm^3	16,414
	C 2.2	Total volume of waste	Tons	364,085
		- Hazardous waste	Tons	2,920
		- Non-hazardous waste	Tons	362,196
Resource use and replenishment	C 3.0	Water withdrawal and consumption from areas of water scarcity	m^3	-
		Total volume of water consumption	m^3	46,247
Invasive alien species and other	C 4.0	Measures against unintentional introduction of invasive alien species (IAS)	-	Regular monitoring to reduce risk of IAS

NATURE-RELATED TARGETS

CAPACITY BUILDING

AMEA Power is committed to equipping its workforce with the knowledge, skills, and resources needed to effectively assess and address nature-related risks. Through targeted training on biodiversity and environmental sustainability, we ensure our teams understand the critical link between nature conservation and corporate sustainability.

Our capacity-building efforts align with global best practices, enabling informed decision-making that benefits both our business and the ecosystems in which we operate. To support this, AMEA Power provides a range of training programs, workshops, and seminars on key environmental topics such as biodiversity management, renewable energy, energy efficiency, and waste reduction. Additionally, we foster collaborations with DFI, research institutions, NGOs, and industry experts to drive innovation in sustainability and enhance our contribution to responsible energy development.

REFORESTATION

AMEA Power's reforestation programs are designed to enhance ecosystem quality, support carbon sequestration, and contribute to biodiversity conservation. These initiatives focus on increasing tree cover through strategic seedling distribution and planting efforts. In collaboration with local communities, government agencies, NGOs, students, and international partners, we aim to restore critical habitats and expand green spaces, ensuring a collective impact on forest conservation and climate resilience.

Beyond planting, ongoing monitoring and maintenance are essential to securing long-term success. Our biodiversity management strategy is integrated into these efforts, with a focus on maintaining ecosystem services, protecting key species, and fostering ecological connectivity.

AMEA Power aligns with international conservation standards, including the IUCN Red List, to minimize potential negative impacts on threatened species. By ensuring that protected areas are ecologically representative and well-connected, we contribute to the development of integrated ecological networks while maintaining robust biodiversity monitoring systems to guide sustainable land and resource management.

WATER MANAGEMENT

In arid and desert regions, maintaining the efficiency of solar PV installations requires effective cleaning solutions to mitigate soiling-related performance losses. Traditional water-based cleaning methods are often impractical due to water scarcity, high costs, and potential environmental risks such as groundwater depletion and soil erosion.

To address these challenges, AMEA Power has adopted an advanced dry-cleaning technology using robotic systems for PV panel maintenance across its solar power projects. These automated robots are equipped with soft brushes and air blowers to gently remove dust and debris without causing damage to the panels.

This dry-cleaning solution offers multiple sustainability benefits:

- Water Conservation: By eliminating the need for water, we reduce strain on local water resources, which is critical in water-scarce regions.
- Lower Environmental Impact: Avoiding water use prevents soil erosion and water pollution, contributing to ecosystem protection.
- Energy and Cost Efficiency: The robotic cleaning system reduces operational costs, minimizes maintenance needs, and has a longer lifespan compared to water-based alternatives. Additionally, it lowers our carbon footprint by eliminating the energy consumption associated with water transport and pumping.

By integrating innovative and sustainable cleaning technologies, AMEA Power enhances the efficiency, longevity, and environmental sustainability of its solar power projects, ensuring optimal performance while minimizing ecological impact.

PROTECTING BIODIVERSITY & DRIVING CLIMATE ACTION

A CASE STUDY FOR AMEA POWER 70MW SHEIKH MOHAMED BIN ZAYED SOLAR PLANT , IN TOGO

At AMEA Power, environmental stewardship is the foundation of sustainable progress. We integrate biodiversity conservation into our renewable energy projects, minimizing ecological impacts while uplifting local communities and ecosystems. A prime example of this commitment is our large-scale reforestation initiative in Togo, launched alongside the 70MW "*Sheikh Mohamed Bin Zayed*" Solar Power Plant located in Blitta. This effort directly supports Togo's national goal to plant 1 billion trees by 2030, reinforcing our dedication to support the climate action and contribute to the ecosystem restoration.

As part of featured community investment and development programs linked to this Project, AMEA Power has undertaken a reforestation initiative spanning 150 hectares of land across 20 villages, with 65,365 trees planted. This initiative has been designed to generate long-term environmental and socio-economic benefits:.

Environmental Benefits

- **Carbon Sequestration**: The planted trees will absorb CO_2, offsetting emissions generated during the project's construction.
- **Biodiversity Enhancement**: Native tree species provide habitats for local wildlife, restoring natural ecosystems.
- **Soil Protection**: Tree roots help stabilize the soil, reducing erosion and combating desertification.

Community-Centric Approach

To ensure the long-term sustainability of this initiative, AMEA Power has designed and then implemented a structured plan, comprising the following element:

- **Strategic Site Selection**: Locations were chosen based on ecological and socio-economic criteria to maximize positive impact.
- **Native Species Selection**: Indigenous trees (*Gmelina arborea, Khaya senegalensis, teak*) were prioritized to enhance biodiversity and adaptation to local conditions.
- **Community Engagement & Training**: Local villagers actively participated in tree planting and received training on forest management and sustainable land use.
- **Job Creation & Economic Growth**: The project created employment opportunities in planting, maintenance, and conservation, fostering local economic resilience.
- **Long-Term Monitoring & Stewardship**: Dedicated teams has supervised the reforestation works and continue to oversee periodically the tree growth, ensuring proper care and sustainability over time.

Through this initiative, AMEA Power demonstrates that renewable energy development and biodiversity conservation can go hand in hand. By integrating reforestation into our solar power project, we are mitigating environmental impacts while actively contributing to climate resilience and community development.

Our work aligns with **United Nations Sustainable Development Goal 13 (Climate Action)** and serves as a scalable model for integrating clean energy with ecosystem restoration. By embedding environmental conservation into our core business strategy, AMEA Power reaffirms its role as a leader in responsible and sustainable energy development.

"Driven by a community-centric approach and committed to delivering tangible environmental benefits, our projects are designed to create lasting positive impact."
Abdou-Raouf Damtare, HSE Manager

WAY FORWARD

ADVANCING BIODIVERSITY STEWARDSHIP IN RENEWABLE ENERGY DEVELOPMENT

At AMEA Power, we recognize the importance of integrating nature conservation into our operations as part of our broader commitment to sustainability and responsible energy development. As a company advancing its biodiversity strategy, we are committed to aligning with global best practices, including the TNFD framework, IFC Performance Standard 6, and the Global Biodiversity Framework (GBF). This report represents our initial TNFD-aligned disclosure, highlighting the steps we are taking to systematically manage nature-related risks across our projects.

As part of our biodiversity commitment, we have undertaken Biodiversity Risk Assessments and developed Biodiversity Management Plans (BMPs) for key projects, particularly those in sensitive ecological zones. These BMPs follow a structured mitigation hierarchy—including avoidance, minimization, restoration, and offsets—to address key biodiversity challenges, such as habitat loss, migratory bird impacts, and ecosystem resilience. Additionally, we have conducted Critical Habitat Assessments and Cumulative Effects Assessments to better understand and mitigate potential biodiversity risks at both the project and regional levels.

Moving forward, AMEA Power aims to extend these assessments across our entire portfolio, incorporating value chain impacts and working collaboratively with suppliers, regulators, and conservation partners.

In the coming years, AMEA Power will enhance its nature-positive approach by implementing targeted conservation initiatives at operational sites and integrating biodiversity considerations into project design and supply chain management.

Our goal is to achieve No Net Loss (NNL) in biodiversity across our projects and Net Gain (NG) where required, particularly in areas of Critical Habitat.

Beyond compliance, we are investing in nature-based solutions, habitat restoration programs, and species protection initiatives to contribute to ecosystem resilience in the regions where we operate. We are also exploring the use of renewable energy innovations and decarbonization strategies to further align our sustainability vision with global conservation efforts.

By embedding biodiversity risk management into our corporate strategy, AMEA Power is committed to delivering clean energy while safeguarding natural ecosystems, ensuring a balanced approach to business growth and environmental stewardship.

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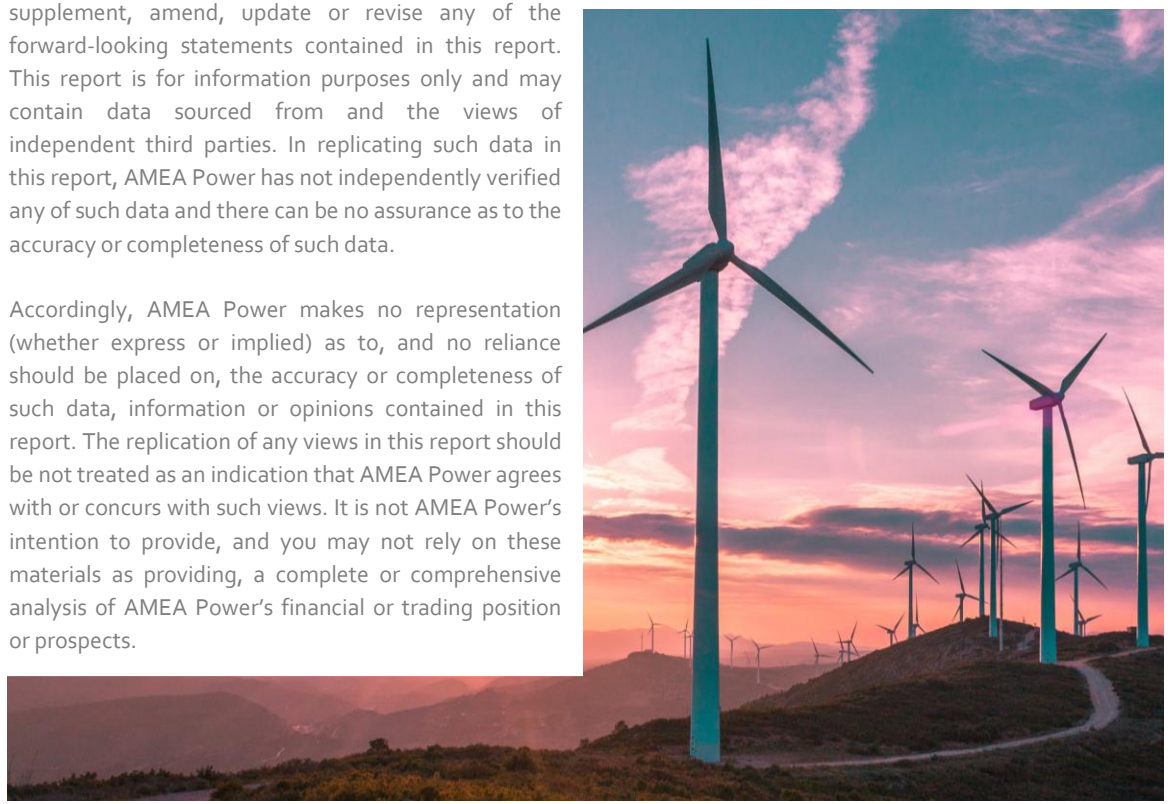
FEEDBACK

Our goal is to operate as a sustainable business, mindful of our overall impact on the local environment and communities in which we operate. Aligned with this objective, we are committed to continually listening, learning and improving our business operations.

We highly value feedback from our stakeholders on our sustainability reporting and are dedicated to ongoing improvement. For any comments, questions, or suggestions, please contact Vito Saluto, AMEA Power Head ESG: vito.saluto@ameapower.com



ACRONYMS AND ABBREVIATIONS

ACRONYMS	DEFINITION
AI	Artificial intelligence
AIS	Alien Invasive Species
AZE	Alliance for Zero Extinction
BAP	Biodiversity Action Plan
BES	Biodiversity and Ecosystem Services
BoD	Board of Directors
BMP	Biodiversity Management Plan
CEO	Chief Executive Officer
CO_2	Carbon Dioxide
CIDP	Community Investment and Development Programs
ESIA(s)	Environmental and social Impact Assessment(s)
EMS	Environmental Management System
ESG	Environment, Social, and Governance
GBF	Global Biodiversity Framework
GHG	Greenhouse Gas
IBAT	Integrated Biodiversity Assessment Tool
IFC	The International Finance Corporation
ILO	The International Labour Organization's
ISO	The International Organization for Standardization
IUCN	International Union for Conservation of Nature
KBA(s)	Key Biodiversity Area(s)
MC	Management Committee
NNL	No-Net Loss
PA(s)	Protected Area(s)
SDG(s)	Sustainable Development Goal(s)
TCFD	The Task Force on Climate-related Financial Disclosures
TNFD	The Taskforce on Nature-related Financial Disclosures
UDHR	The Universal Declaration of Human Rights
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNGC	United Nations Global Compact
UNGP	The United Nations Guiding Principles on Business and Human Rights
WWF	World-Wide Fund for Nature

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