



Red Sea Wind Energy Project to Build, Own and Operate a 650 MW Wind Farm in the Gulf of Suez 2

Local Stakeholder Consultation: Second Round
24 February 2025

Why are we here today?

Red Sea Wind Energy (RSWE) envisions certification of the wind farm by the carbon standard “*Gold Standard for the Global Goals*”. The first stakeholder consultation meeting took place on 7 March 2024 in the Ras Ghareb City Hall.

The project was originally conceived and listed with the Gold Standard Registry as a 500 MW farm. In 2024, the Egyptian government approved a 150 MW extension. As a result, the project has a revised capacity of 650 MW.

RSWE is holding a second consultation round to communicate the expansion and its implications for the carbon project.

The Stakeholder Consultation process is carried out with the following objectives:

- ✓ Identify, engage, and consult stakeholders in a relevant way to discuss the Project and its results;
- ✓ Inform stakeholders about the Project and discuss its potential impacts (positive and negative)
- ✓ Establish a continuous engagement process for stakeholders to provide input on the Project during its lifetime.



Agenda

1. Introduction of entities involved
2. Project information: objective, technology, scale, location, duration and implementation plan
3. Positive impacts and contribution to the Sustainable Development Goals (SDGs)
4. Potential negative impacts and the mitigation measures (safeguards)
5. Options for the Continuous Input and Grievance Mechanism
6. Questions and answers round
7. Next steps and contact details

Introduction of Entities Involved

Entities Involved

The Project is the outcome of a Joint Development Agreement between the Egyptian Electricity Transmission Company (EETC) and RSWE consortium comprising ENGIE, Toyota Tsusho Corporation (TTC), Eurus Energy Holdings Corporation (EEH), and Orascom Construction.

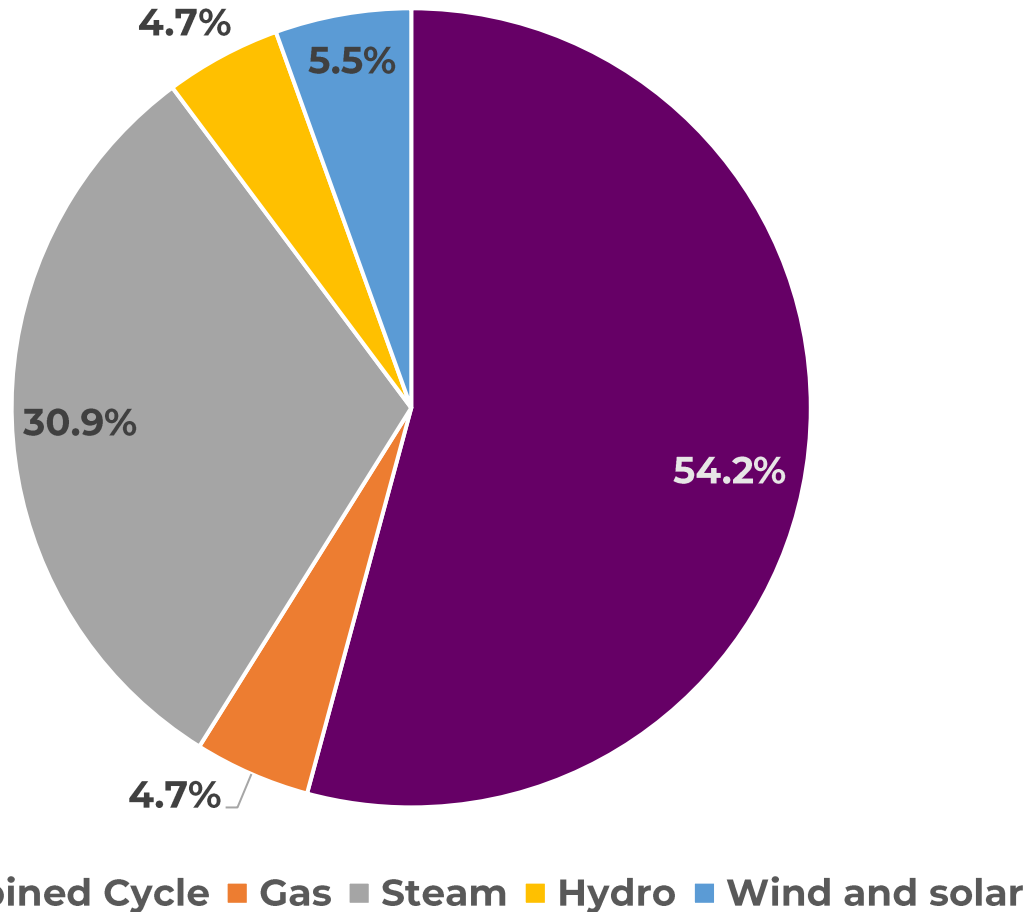
The Egyptian Cabinet of Ministers approved the RSWE 500 MW wind power plant Project on April 11, 2018, under the "build, own, operate" scheme. In 2024, the developer received governmental approval for an extension of 150 MW. As such, the project has a revised generation capacity of 650 MW.

EcoSecurities is the Project consultant that helps RSWE acquire the Gold Standard Certification. The organization is an impact-oriented environmental service provider with 25 years of experience in carbon markets and GHG emission reduction Projects around the world.



Project Information

National Context



Key strategic objective:

*“Attract more investments to expand access to renewable energy to increase to **42% by 2030**”*



Goal 1: Achieving Sustainable and Low-Emission Economic Growth in the Different Sectors

National Context (Cont'd)

Energy Pillar in SDS 2030

Goals	Definitions
Ensuring energy security	Providing the required energy while maintaining the desired growth rates
Increasing the contribution of energy sector in GDP	Increasing the share of energy sector contribution in the GDP
Maximizing the use of local energy resources	Increasing energy production from local resources and maximizing its degree of reliance
Promoting the good and sustainable governance of the sector	Bringing the energy mix to international standards with
Reducing energy consumption density	Reducing the ratio of energy consumption in different sectors
Reducing the emissions' environmental impact in the sector	Reducing the resulted residues and contaminants from the energy sector



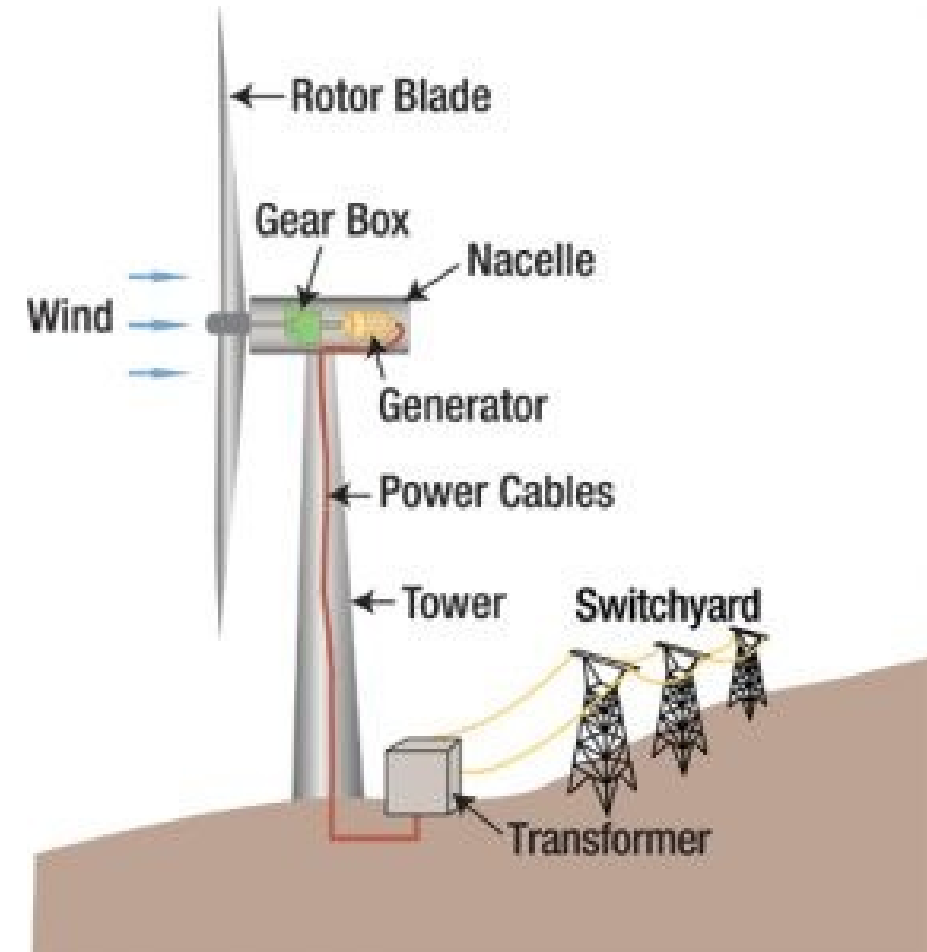
Technologies and Measures

Main components of the Project include:

- 104 wind turbines out of which:
 - 84 turbines of 6MW with 180m tip height
 - 20 turbines of 7.5MW with 200m tip height
- 33/220 kV substation
- Cables, inverters, switchgear and controls
- Administrative building (offices) and warehouses
- Road network

The total installed capacity is 654 MW. The contractually guaranteed capacity at the point of connection is 650 MW.

Capitalizing on the site's favorable wind conditions, we anticipate a capacity factor of 51%



Scale, Location and Duration



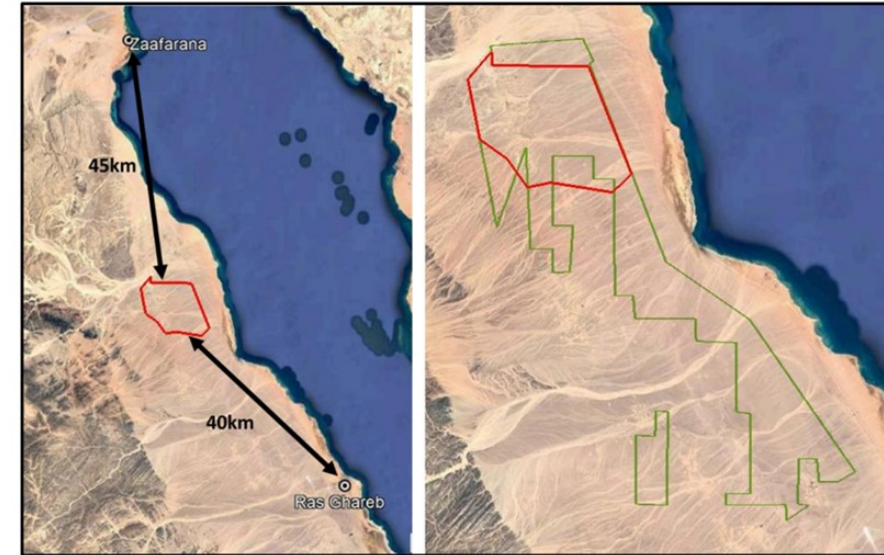
According to Gold Standard terminology, it is a large-scale 650MW Wind Power Plant. The projection of emission reductions is over one million tonnes of carbon dioxide equivalent (tCO₂e) per year.



- The plant is strategically located near the Gulf of Suez, approximately 40 km Northwest of Ras Ghareb city, spread across nearly 70 km².
- The plant has the following address: Kilo 40, Al Zafaarana - Ras Ghareb Road, Red Sea Governorate, Egypt
- Geographical coordinates: 28°39'42.6"N, 32°46'04.9"E.

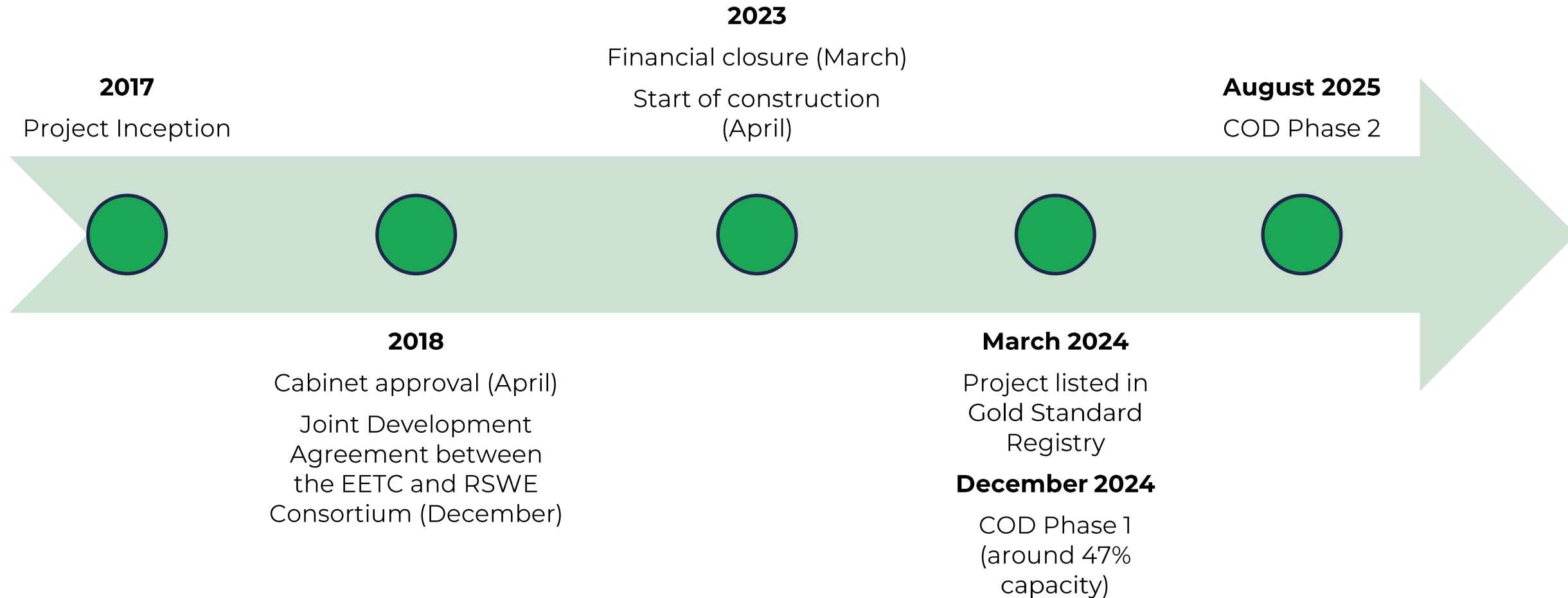


- Expected lifetime of the plant: 25 years (PPA with EETC)
- Maximum crediting period for carbon project: 15 years



Location of the wind power plant (Google Earth)

Implementation Plan



Positive impacts and contribution to the Sustainable Development Goals (SDGs)

Benefits of the Project



Environment:

- Reduction of CO₂ by 1.1 million tCO_{2e}/year
- Improve local air quality = reduce SO₂ and NO_x emissions accompanying fossil fuel plants



Economic:

- Achieve Egypt's goal of increasing the share of renewables in the energy generation mix targeted to reach 42% by 2030.
- Reduce the financial burden on the Egyptian government as fossil fuels are significantly subsidized
- Encourage and increases the foreign investment in Egypt
- Transfer of new technologies & experiences



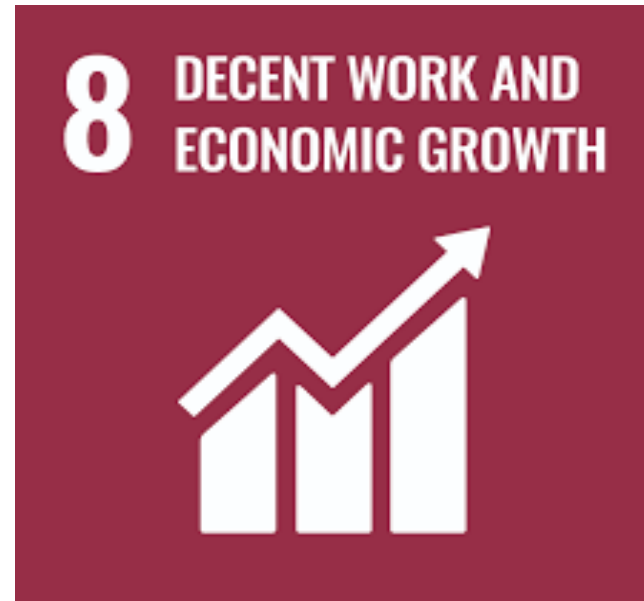
Social:

- The Project will offer new job opportunities
- RSWE will undertake CSR activities in favor of the Ras Ghareb communities.

Contribution to SDGs



2,688,617 MWh of clean, renewable and affordable electricity



1,000 job opportunities during construction
35 job opportunities during the operation



1,116,582 tCO₂e/year of avoided GHG emissions

Potential Negative Impacts and Mitigation Measures (Safeguards)

Summary of Potential Negative Environmental Impacts

All Environmental and Social Assessments were updated after the expansion approval. There were no significant changes in the impacts and the management system. All documents are available on the Project official website

[Disclosures | RSWE](#)

Construction phase		
Parameter	Impact	Mitigation measures
<u>Waste:</u> MSW; paper and plastic packaging waste; and waste from construction and maintenance of the electric installations.	The waste has potential to generate several impacts if the storage and final disposal is not performed properly.	Contractors follow approved waste management plans that ensure proper housekeeping, and proper waste disposal in accordance with national and international regulations as per the Project's reference framework.
Operational phase		
Parameter	Impact	Mitigation measures
<u>Migratory birds:</u> West coast of the Red Sea as a migratory path for soaring birds in spring and autumn.	The major potential hazards to birds are collision risk	RSWE has an Active Turbine Management plan (ATMP) to ensure the protection of migratory birds. ATMP pertains through the post-construction Bird Monitoring Program (BMP), an appropriate Shutdown On-Demand (SOD) Program and an optimized Fatality Monitoring Program (FMP) undertaken by The Regional Center for Renewable Energy and Energy Efficiency (RCREEE).

Social Safeguards

Principle 1 Human Rights



- RSWE established Ethics and Values Code of Conduct to reflect the Group’s commitment to integrity and responsibility, building on the following principles:
 - Respecting internationally recognized human rights.
 - Honoring the fundamental rights of employees, following International Labor Organization conventions.
 - Rejecting all forms of harassment and violence in the workplace, ensuring a respectful work environment that protects individual freedom and privacy.
 - Guarantee operations do not infringe upon the rights of local communities surrounding RSWE sites.
 - Ensuring assignments related to employee and asset security respect human rights.

Principle 2 Gender Equality and Women’s Rights



- The Project will not, directly or indirectly, lead to adverse impacts on gender equality and/or the situation of women in the areas where it will be located.
- The Project will apply the principles of non-discrimination, equal treatment and payment as per RSWE Ethics and Values Code of Conduct.
- The Project will apply national policies and strategies in accordance with Article 9 of the Egyptian Constitution “The State commits to achieving equality between men and women in all civil, political, economic, social and culture rights” among other legal instruments.
- RSWE has several channels whereby women can report any issue: CSR Officer, official grievance mechanism channels, Ethics Officer.

Social Safeguards (Cont'd)

Principle 3 Community Health, Safety and Working Conditions



- The Project will not involve exposing the community to increased health risks and will not adversely affect the health of workers and the community, while adhering to national and international Regulatory Requirements.
- RSWE has a CSR plan that aims to ensure that RSWE conducts its business in a way that is lawful and ethical and, secondly, that RSWE further promotes a proactive approach to CSR through supporting the local community, promoting the environmental conversation and assisting employees and stakeholders.

Principle 4 Cultural Heritage, Indigenous Peoples, Displacement and Resettlement



- According to the approved ESIA conducted for the Project, consultations with the Red Sea Antiquities Inspection Office and Suez Antiquities Inspection Office concluded that there are no registered archaeological sites with the Project area itself.
- The GoE allocated to the NREA through Presidentila Decree No. (37/4/15/14) of 2015 land for development of renewable energy Projects through usufruct rights. The area was proposed by the National Centre for Land-use Planning and was approved by the Council of Ministers. Hence, The Project has received the necessary approvals from the local authorities and does not lead to any resettlement.
- According to the ESIA conducted for the Project, consultations were undertaken with the head and elders of such Bedouin families and concluded that there are no Bedouin families currently residing at or near the Project site. Bedouin families undertake security and guarding practices for existing Projects and Projects under construction.

Economic Safeguards

Principle 5 Corruption



- The Project will not involve, be complicit in or inadvertently contribute to or reinforce corruption or corrupt Projects.
- RSWE's Ethics and Values code of conduct requires that RSWE employees or third parties in charge of lobbying activities to act on its behalf in a transparent manner and in compliance with our principles regarding fight against corruption. The company has zero tolerance towards all forms of fraud, corruption and, more generally, any breach of the principles of probity. Any failure to comply with these rules will result in disciplinary sanctions.

Principle 6 Economic Impacts



- Project will not pose any risks to the local economy. On the contrary, the Project will introduce new economic activity in the city and will offer new job opportunities to the local community.
- Implementers prioritize employment from the community
- Implementers ensure the use of appropriate equipment, training of all employees and documentation of accidents and incidents and emergency preparedness and response measures.

Environmental Safeguards

Principle 7 Climate and Energy



- The Project will not increase greenhouse gas emissions from the Baseline Scenario. On the contrary, it is a GHG emission reduction Project.
- The Project will not impair the availability and reliability of power supply for other users, but rather provide clean and renewable energy to the national grid.

Principle 8 Water



- According to the Project's approved ESIA, there are no shallow groundwater aquifers with a continuous source of fresh water recharge, and this is due to the lack of rain and large drainage basins to collect rainwater. There is no utilization of groundwater in the Project site.
- This way, the Project will not affect the natural or pre-existing pattern of water courses, groundwater or basins. Furthermore, the Project will not directly or indirectly cause additional erosion and/or instability of the water body or interrupt the natural pattern of erosion. The Project's area of influence has deep, well-drained soils with greater stability and less susceptibility to loss processes, according to the ESIA carried out.

Environmental Safeguards (Cont'd)

Principle 9 Environment, Ecology and Land Use



- According to the Project's approved ESIA, the Project's location is not susceptible to mass runoff, flooding, mass movement or runoff, nor is it a risk of geological danger. This is based on field visit, topographic maps, Landsat images and the digital elevation models were developed for the Project area using the Shuttle Radar Topography Mission (SRTM) images.
- The Project site in general is considered of low ecological significance but special consideration should be given to Egyptian Dabb Lizard *Uromastyx aegyptia* and migratory birds. During construction, proper housekeeping, restricting activities to designated construction zones, prohibiting off-roading, preventing hunting of birds by construction workers, implementing measures to deter animals and birds from the site, such as prohibiting illegal dumping and ensuring proper waste disposal, and minimizing elevated noise levels.
- RSWE environmental and social management plan set Active Turbine Management plan (ATMP) to ensure protection of migratory birds. ATMP pertains thorough post-construction Bird Monitoring Program (BMP), an appropriate Shutdown On-Demand (SOD) Program and an optimized Fatality Monitoring Program (FMP)
- All solid waste handled will be properly identified and classified, according to the Egyptian waste law 202/2020. Waste must be properly packaged, stored, treated and disposed of in a technically and environmentally appropriate manner. Under no circumstances will they be stored in an uncovered place. Hazardous waste generated will be classified, identified, stored, transported and disposed of in accordance with applicable technical standards and legal instruments, in accordance with the Project's Waste Management Plan.

Options for the Continuous Input and Grievance Mechanism

Gold Standard Requirements

- Projects must establish formal mechanisms for input, feedback, and grievance handling from stakeholders.
- Physical meetings are required to discuss and agree upon methods for ongoing feedback and grievance management.
- A Continuous Input and Grievance Expression Process book must be available at an agreed location.
- The chosen mechanisms must be documented in the Stakeholder Consultation Report.
- Stakeholder comments, inputs, or concerns must be recorded, with acknowledgments sent to stakeholders unless comments are anonymous.
- Developers must keep stakeholders informed about actions taken regarding raised comments.



Gold Standard[®]
for the **Global Goals**

Proposed Measures for Continuous Input and Grievance Mechanism

- RSWE has put in place a formal continuous grievance mechanism so that stakeholders can share their feedback, suggestions, or concerns with the Project during the entire period of its lifetime.
- The following channels are made available by the Project to guarantee an effective grievance mechanism:
 - A Continuous Input and Grievance Expression Process available at the Project site
 - Contact by email and telephone:
Email: reem.elbeltagy@redseawindenergy.com
Phone: (+20) 1285460612
 - Three Grievance boxes: 1 at Ras Ghareb City Council and 2 more have been added in selected locations where RSWE conducted CSR Projects such as the outpatient clinics
- The developers will record and archive all comments received through the agreed means and will provide written feedback to the responsible authors, unless they are anonymous. They will also keep stakeholders informed about any changes made to the Project as a result of received comments.

Q & A

Questions and Answers



Next steps

Next Steps

- Minutes of the meeting will be made available at: https://ecosecurities.com/resources/?_resource_filters=stakeholder-consultation
- Detailed public disclosures about the project are available at: <https://www.rswe.co/disclosures>
- The Gold Standard project documents can be viewed on the webpage: <https://registry.goldstandard.org/projects/details/4539>
- Stakeholders (even who did not attend this meeting) are recommended to visit the websites regularly to follow up on the development of the Project.
- As part of the Feedback Round, comments will be accepted and replied to for an additional 30 days, through the following means:



Email: reem.elbeltagy@redseawindenergy.com

Website: <http://www.rswe.com>



Phone: (+20) 1285460612



Address: Kilo 40 – Ras Gharib Al-Zaafarana Road – Red Sea Wind Energy Company
The Nox Plot 341 to 345 – Markaz El Madina – Second floor

Thank you!

