



# FINANCING MODEL FOR MIGRATORY SOARING BIRDS IN EGYPT



## “THE POWER PURCHASE AGREEMENT (PPA) ”

### Overview



The Rift Valley/Red Sea flyway is the second most important flyway for migratory soaring birds in the world.

- Over 1.5 million birds of 37 species.
- 5 globally threatened species.

Egypt occupies an important position due to its geographical location as a bridge between Europe, Asia, and Africa, which made some of its geographical locations critical paths during the migration of birds.

### Challenges



- Soaring birds colliding with wind turbines and high-voltage electricity cables located in the migration flyways.

### The Power Purchase Agreement



The agreement has been reached between The Egyptian Electricity Transmission Company (EETC) and the private sector companies to allocate EUR 1,000/megawatt per year to support the implementation of mitigation actions to preserve birds.

- Shut Down on Demand (SOD).
- Carcass Monitoring.
- Birds Monitoring.
- Capacity building.

### Main Counterparts



- Egyptian Environmental Affairs Agency (EEAA).
- New & Renewable Energy Authority (NREA).
- United Nations Development program (UNDP).

### Financial values

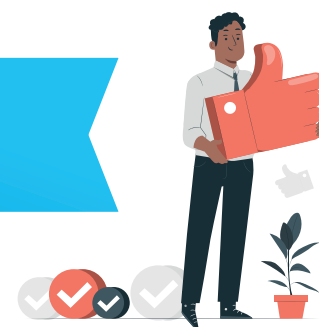


Two private sector windfarms are operated with total capacity of 512MW.

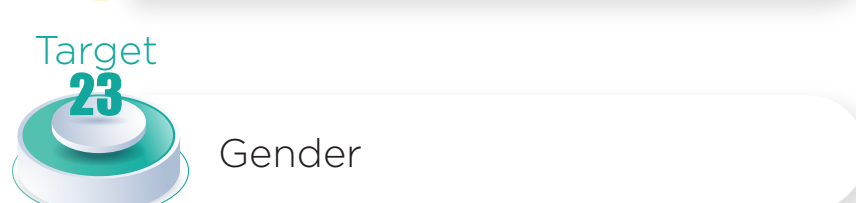
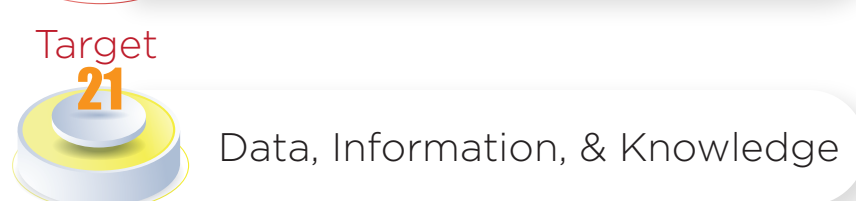
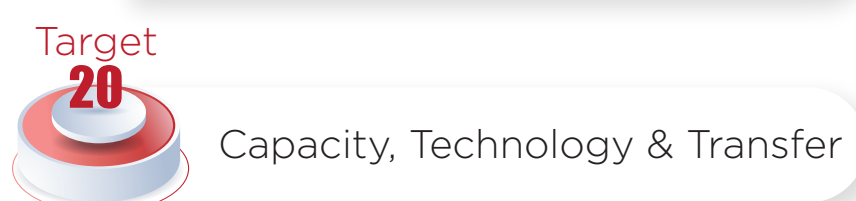
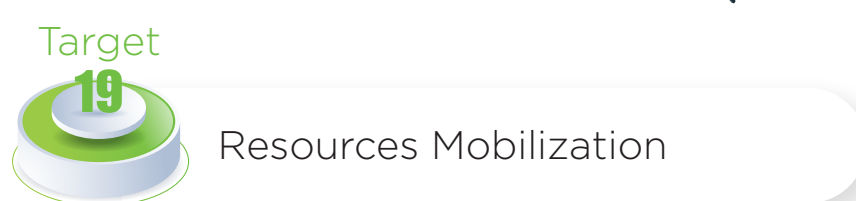
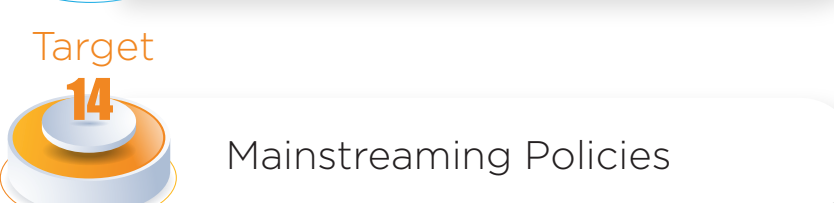
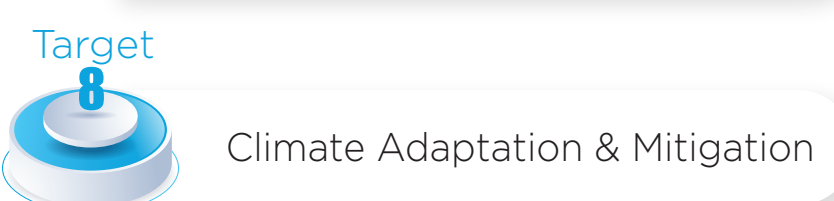
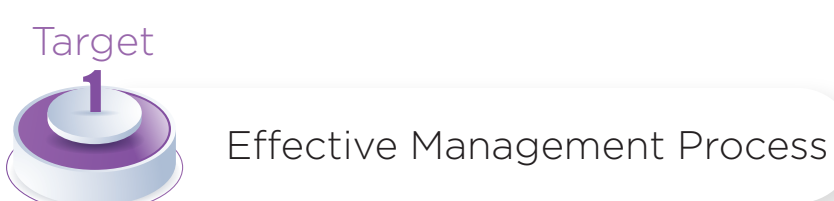
The estimated revenues for these windfarms are about USD 150 million / year.

- EUR 512,000 has been disbursed annually from private energy sector for bird conservation programs.
- USD 10 million has been disbursed from public energy sectors to support migratory soaring birds conservation from 2018 to June 2023.
- Fifteen women joined the team as bird observers.

### Social, Economic, and Environmental Benefits



Links to Global Biodiversity Framework Targets



This project is co-funded by the European Union

