



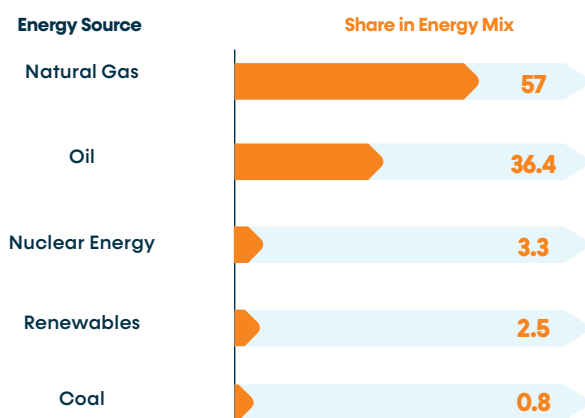
# OVERVIEW OF EGYPT'S RENEWABLE ENERGY SECTOR

BY AMINA HUSSEIN, REHAM GAMAL, AND TASNEEM MADI

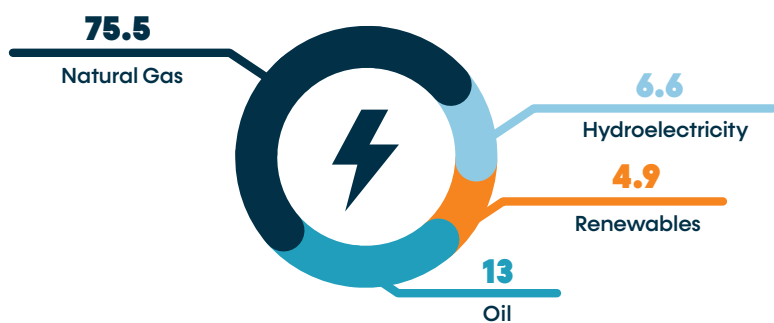
## ENERGY MIX OVERVIEW

### 1. EGYPT'S ENERGY MIX

ENERGY BREAKDOWN (%)



ELECTRICITY GENERATION BREAKDOWN (%)



### EGYPT'S 2035 INTEGRATED SUSTAINABLE ENERGY STRATEGY (ISES)



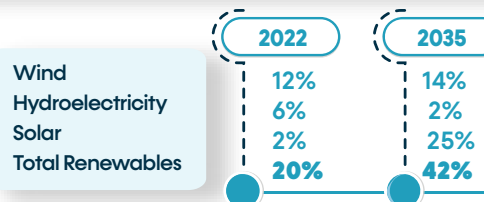
**Strategy Target**  
Increase generated electricity from renewables



**Strategy Achievements In 2020**  
9% of Electricity Generated, 11% of Installed Capacity

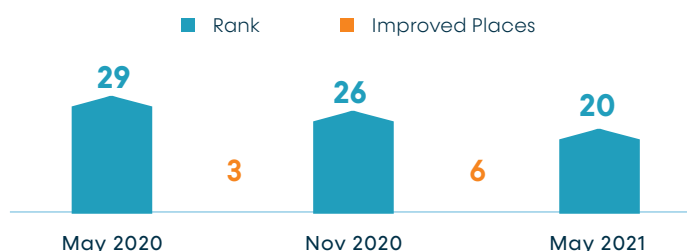


Phases



### 2. RENEWABLE ENERGY COUNTRY ATTRACTIVENESS INDEX (RECAI)

EGYPT'S RANKINGS DEVELOPMENT IN RECAI\*



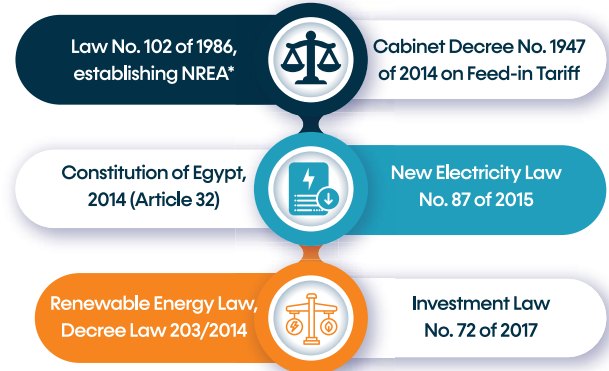
\*Issued in 2020 & 2021



## RENEWABLE ENERGY MARKET FRAMEWORK

### 1. OVERVIEW OF RENEWABLE ENERGY SUPPORT POLICIES, LEGISLATION AND REGULATIONS

#### MAIN LEGISLATIONS AND REGULATIONS

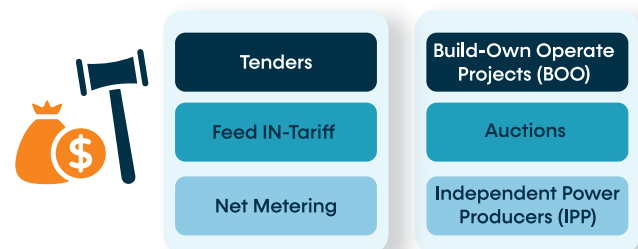


\*Amended in 2015

**Common Target**  
 Creating a favourable environment to increase renewable energy investment

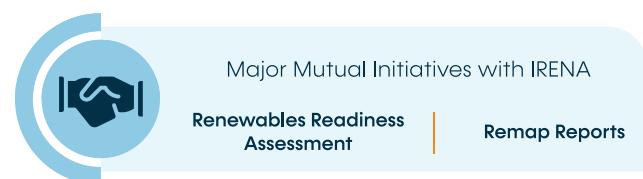
### 2. INVESTMENT MECHANISMS

#### LEGISLATIONS & POLICIES TO DEVELOP RENEWABLE ENERGIES\*



\*According to Law No. 203 of 2014

### 3. REGIONAL AND INTERNATIONAL COOPERATION

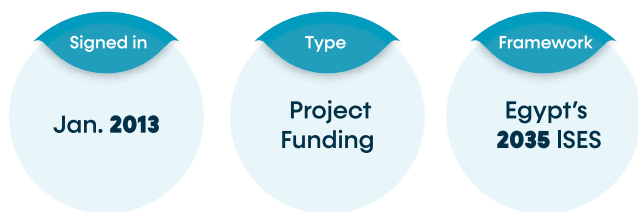


#### EGYPT AS A PART OF ISA FRAMEWORK AGREEMENT



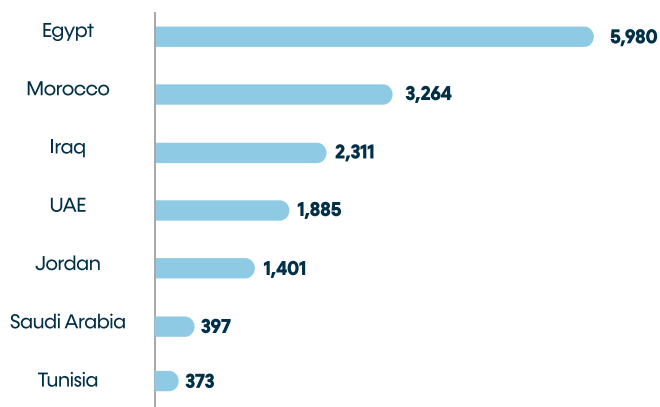


EGYPT-EU MUTUAL AGREEMENT



RENEWABLE ENERGY & ELECTRICITY GENERATION

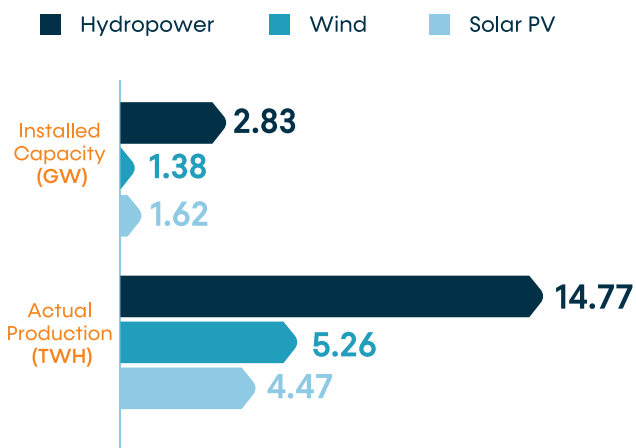
ARAB COUNTRIES RENEWABLE ENERGY GENERATION IN 2020 (MW)



RENEWABLE ENERGY INSTALLED CAPACITY & ACTUAL PRODUCTION IN FY 2020/21



INSTALLED CAPACITY & ACTUAL PRODUCTION BY SOURCE IN FY 2020/21



RENEWABLE ENERGY SHARE IN ELECTRICITY CAPACITY & GENERATION IN 2020 (%)

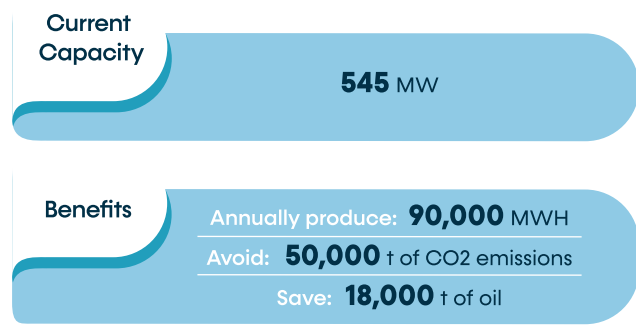




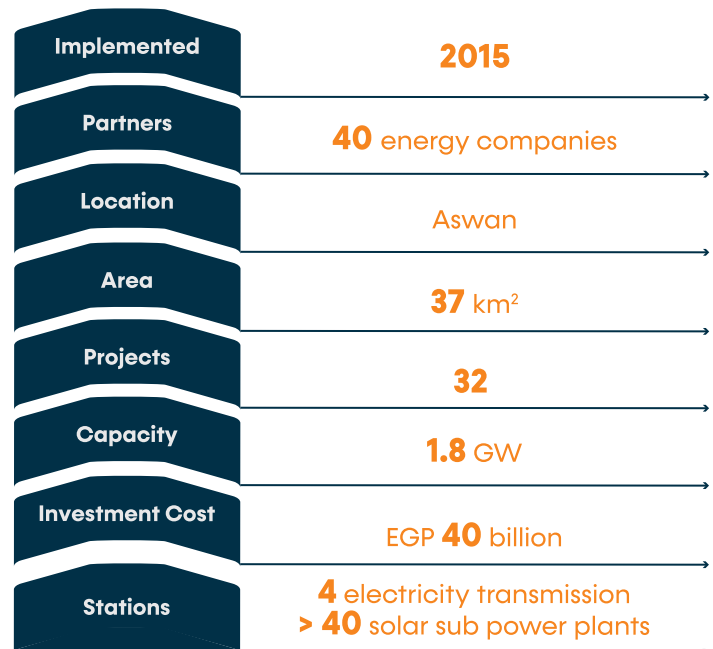


## RENEWABLE POWER PROJECTS

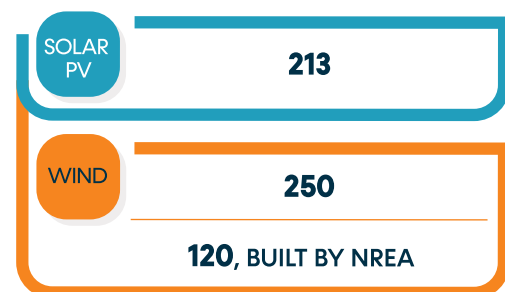
### ZAFARANA WIND PARK IN THE GULF OF SUEZ



### THE BENBAN SOLAR ENERGY PROJECT



### INSTALLED CAPACITY FOR UNDER CONSTRUCTION RENEWABLE PROJECTS (MW)



## REFERENCES

- ARAB PETROLEUM INVESTMENTS CORPORATION (APICORP)
- BP
- INTERNATIONAL RENEWABLE ENERGY AGENCY (IRENA)
- NEW & RENEWABLE ENERGY AUTHORITY (NREA)
- RENEWABLE ENERGY COUNTRY ATTRACTIVENESS INDEX (RECAI)