

ELSEWEDY ELECTRIC



ELSEWEDY ELECTRIC – PORTOFOLIO

RENEWABLE ENERGY PROJECTS

December 2023

01 INTRODUCTION

1938

STARTING
El Sewedy's family started as a trader in electrical equipment's

1984

ARAB CABLES
Egypt's 1st Special Cables Production Plant.

1996

EGYTECH
Power Cables.
SEDPLAST
PVC Compounds.

1997

UNITED INDUSTRY
Special cables, Fiberglass poles, Enameled copper wire.
ELASTIMOLD
Fully integrated cables accessories plant.

1998

UNITED METALS
Copper rods manufacturer.
ELSEWEDY SEDCO
Cable joints and terminations pioneer in Egypt.

2002

GIAD ELSEWEDY CABLES
Sudan's first cables plant.
ELSEWEDY CABLES BRAND

2003

SUDANESE EGYPTIAN ELECTRICAL INDUSTRY
Oil Transformers manufacturer in Sudan, extends Sudan presence beyond cables.

2004

ITALSMEA ELSEWEDY
Specialized explosion proof equipment producer for Oil & Gas.

2005

ELSEWEDY CABLES SYRIA
Cables production facility in Syria to serve the Levant markets.

2006

LISTED IN EGX
ELSEWEDY ELECTRIC GHANA
Road Lighting poles facility in Ghana.

2021

ACQUISITION PT CG POWER SYSTEMS
Indonesia

ACQUISITION VALIDUS ENGINEERING
Pakistan

CABLES FACTORY OPENING
Tanzania

EGYPTIAN INDUSTRIAL PARK INAGURATION
Tanzania

2019

ELSEWEDY TECHNOLOGY ELSEWEDY UTILITIES RF ENERGY ACQUISITION REACHED COMMERCIAL OPERATION AT BENBAN SOLAR PV POWER PLANTS
Greece

2018

STA 2 (PIP)

2017

SLP - ELSEWEDY LOGISTICS PROPERTIES

2014

ELSEWEDY ELECTRIC PSP

2011

ELSEWEDY TECHNICAL ACADEMY (STA)

2010

RENAMED ELSEWEDY ELECTRIC SIAG ELSEWEDY TOWERS (SET) DOHA CABLES ELSEWEDY ELECTRIC NIGERIA 3W NETWORKS

ROWAD RME
Acquisition of 51%

2009

CABLES KSA, ETHIOPIA, YEMEN, DRY TRANSFORMERS EGYPT

2008

ALGERIA, ZAMBIA, ECMEI, ISKRAEMECO - M. TORRES

EL SEWEDY ALGERIA, EL SEWEDY ZAMBIA, EGYPTIAN ELECTRICAL INSULATORS MANUFACTURING (ECME), ESCRAMICO, & M. TORRES OLVEGA WIND POWER EQUIPMENT

2007

ELSEWEDY ELECTRIC SYRIA
Fully Integrated Service.

UNITED WIRES
Production Facility.

ELSEWEDY ELECTRIC T&D

ELSEWEDY ELECTRIC POWER

 **+80 YEARS OF SUCCESS**
Starting from 1938

 **TOTAL EARNINGS 2022 USD 4.7 B**



**WIRE, CABLE &
ACCESSORIES**



**ELECTRICAL
PRODUCTS**



**ENGINEERING
AND CONSTRUCTION**



**DIGITAL
SOLUTIONS**



**INFRASTRUCTURE
INVESTMENTS**

24 FACTORIES IN AFRICA

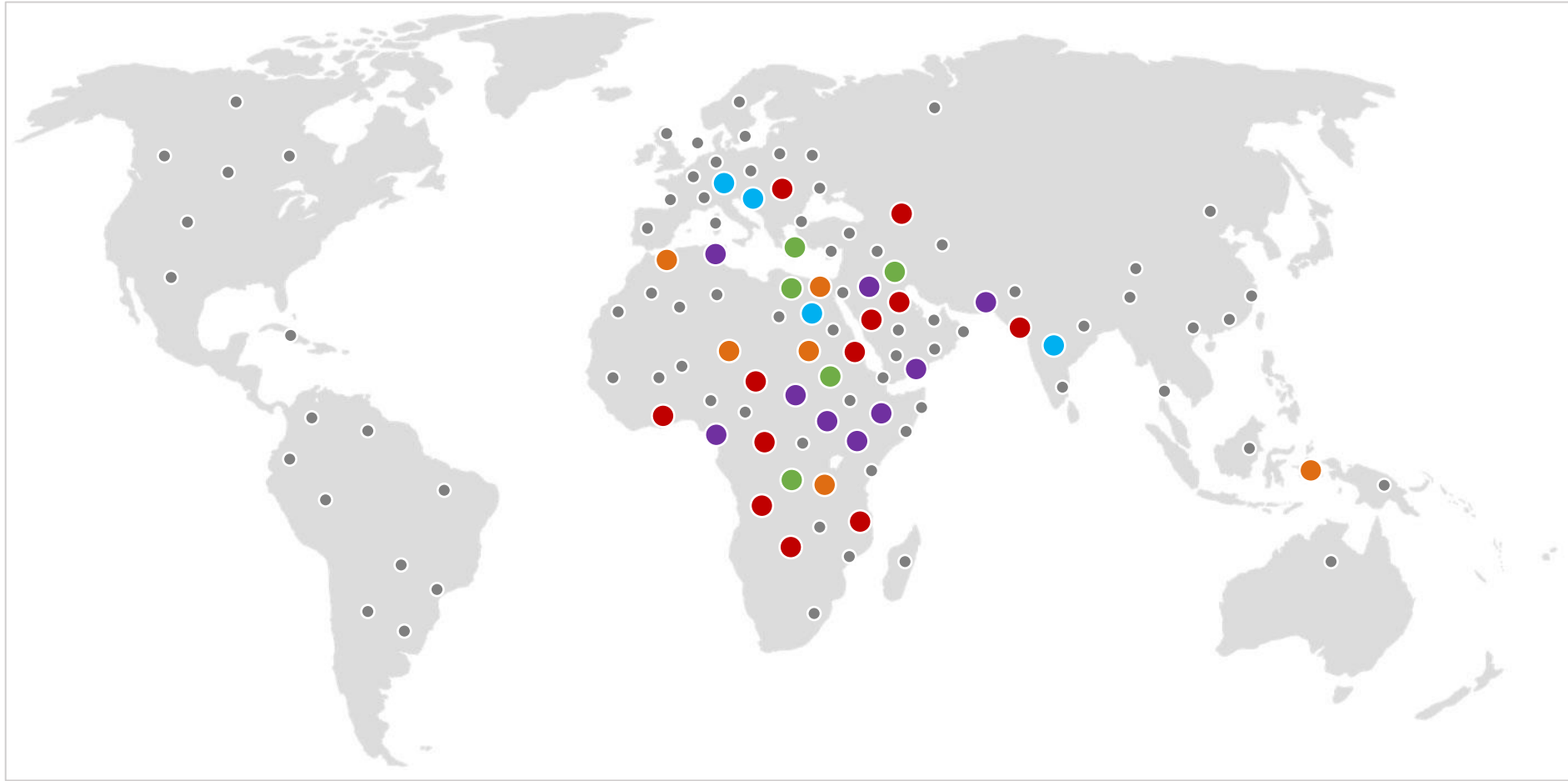
5 FACTORIES IN ASIA

2 FACTORY IN EUROPE

TOTAL OF
31 PRODUCTION
FACILITIES

48 INTERNATIONAL OFFICES

110 EXPORT MARKETS



WIRE, CABLE & ACCESSORIES

RENEWABLE ENERGY

PROJECTS & DEVELOPMENT

TRANSFORMERS

METERS

EXPORT

CORPORATE KEY FIGURES



23GW

We Have Delivered Over 23
Gigawatts Until 2019



350K

Wires & Cables Capacity
350,000 Tons



23K+ KM

T&D 23,700 KM



30K MVA

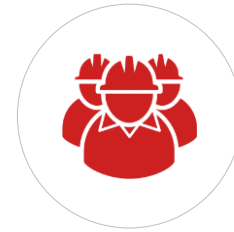
Transformer
Annual Capacity

CORPORATE MANPOWER



17K

Manpower



20%

Engineers



70%

Age Below 40



22%

Female Inclusion

02 RENEWABLES FOCUS

A. Manufacturing*

- Wind Steel Tubular Towers
- Transformers
- Switchgear
- Cables
- Accessories & Supports

B. EPC** (Hydro, Wind and Solar)

- Engineering
- Procurement
- Construction
- Erection/Installation
- Testing & Commissioning
- Operation & Asset Management

C. DEVELOPMENT

- Development
- Investment
- Green Field
- Brown Field



**ELSEWEDY Cables, ELSEWEDY Transformers, ELSEWEDY Infrastructure*

***ELSEWEDY RME, ELSEWEDY PSP, ELSEWEDY T&D*

ELSEWEDY ELECTRIC INFRASTRUCTURE (EEI) (Previously ELSEWEDY ELECTRIC TOWERS (EET))

- Produces high-performance structures for use in wind turbines.
- Founded in 2008 as a joint venture with SIAG Schaaf Industries and acquired fully by Elsewedy Electric since 2015.
- The factory is in Suez, with easy access to the harbors of Ain Soukhna, Adabia and Suez itself.
- Manufacturing capacity of 200 towers per year
- Serves Local market & exports to Germany, Italy, Poland, Cyprus and the USA.



**100,000
Tons**

Annual Production

2m to 6m

Tower Diameters

Up to 35 m

Section Length

Up to 140 m

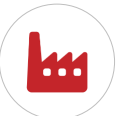
Max. Tip Height

Up to 90 mm

Thickness of Steel

**300,000
Tons**

Capacity Expansion



8 Factories
In Operation



1,500
Loyal
Employee



25,000
Transformer /
year



30,000
MVA
Total
Capacity



110 M\$
Turnover 2020

MAGNUM SERIES

E-SERIES

DRY SERIES

MOBI-C SERIES

MOBI-M SERIES



**POWER
TRANSFORMER**



**OIL
TRANSFORMER**



**DRY
TRANSFORMER**



COMPACT SUBSTATION



MOBILE SUBSTATION

SITE ACTIVITIES

**ON DEMAND
MAINTENANCE**

**SERVICE
AGREEMENTS**

**CONSULTATION
SERVICES**

TRAINING

MODERNIZATION

All our Products are manufactured with the highest standards and are rigorously tested to meet every challenge.



Egypt



Zambia



Nigeria



Algeria



Sudan



Indonesia



Pakistan



Tanzania

ELSEWEDY ELECTRIC have been manufacturing high-quality wires and cables for over eighty years. With factories in Egypt and many other countries we are a one-stop shop for every type of cable, from fire resistant cables, fiber optic cables and LAN cables to winding wires and raw materials.



350K+ TONS

Wire & Cable Annual Total Capacity



14 FACTORIES

In Different Countries



100 COUNTRIES

Exported to



ENERGY CABLES



SPECIAL CABLES



FIBER OPTIC CABLES



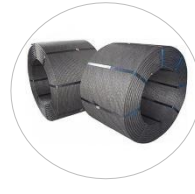
OHTL & OPGW



INSULATORS



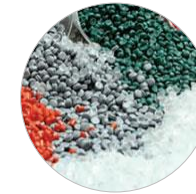
CABLES ACCESSORIES



PC STRAND WIRE



WINDING WIRES



PLASTICS



EXPLOSION PROOF EQUIPMENT



Egypt



Qatar



Ethiopia



KSA



Sudan



Algeria



Tanzania

03 TRACK RECORD

IPP TRACK RECORD



3.1. OPERATIONAL PROJECTS – IPPS

Development / Acquisition + Asset Management



PROJECT LOCATION
EGYPT

- Development of a 2 x 65 megawatts (peak) solar photovoltaic power plant in partnership with EDF
- Parks part of EGYPT's Feed-in-Tariff (FiT) program for solar under 25 years PPA
- Egyptian Electricity Transmission Company (EETC) being the Offtaker
- Successfully operating for more than 3 years from COD in August 2019
- Powering more than 30k houses while saving more than 60k tons of co2 a year

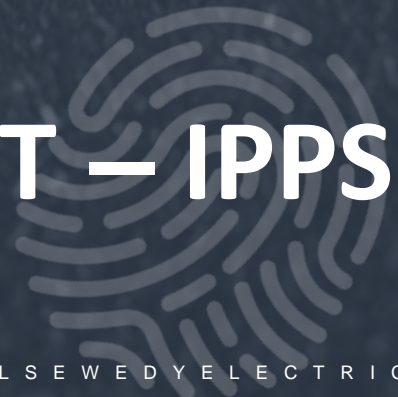


PROJECT LOCATION
GREECE

- Acquisition of 100% renewable portfolio of 4 operating SPV's in Greece with an aggregate capacity of 63.6 MW (three wind parks and one Small Hydro Power Plant)
- The assets generate enough energy to power approximately 34,000 homes with an equivalent carbon dioxide (CO₂) footprint of 102 thousand tons.
- Transaction was completed in 2019, and PPAs were extended for 7 years more than the original concession duration



3.2. PROJECTS UNDER DEVELOPMENT – IPPS





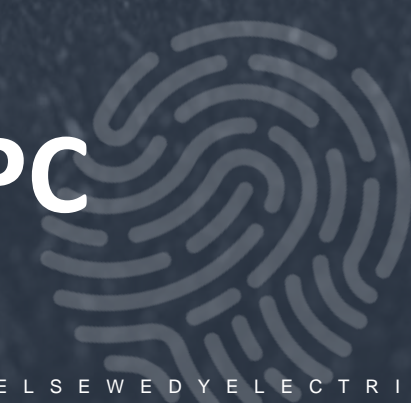
PROJECT LOCATION
GREECE

- Development of a 2 x 50MW/100MWh Battery Storage Projects, with an on-site High/Medium Voltage substation.
- EBI was granted a tariff under a CFD contract through the first competitive process (Auction) for energy storage in South-Eastern Europe launched by Greece's Regulatory Authority for Waste, Energy, and Water (RAWEW)
- Renewable Energy Sources Operator & Guarantees of Origin (DAPEEP SA) being the Offtaker
- BESS acts as a Critical pillar for Renewable Energy Sources (RES) projects and Ensures grid stability and facilitates price shifting

EPC TRACK RECORD



3.3. EXECUTED PROJECTS – EPC





PROJECT LOCATION
EGYPT

- Successfully delivered wind farm project realized in (3) phases under (3) turnkey contracts in 2017.
- Financed by: JICA, FIEM & KFW respectively with an overall capacity of 380MW.
- GAMESA (Spain) was assigned to perform the supply & commissioning, start up and testing for nos. 190 x 2MW SIEMENS-GAMESA G80 wind turbines generators and 60m hub height on turnkey basis.
- All tubular steel wind towers were manufactured and supplied by ELSEWEDY ELECTRIC TOWERS (EET) - 190 Tower each of 60m height.



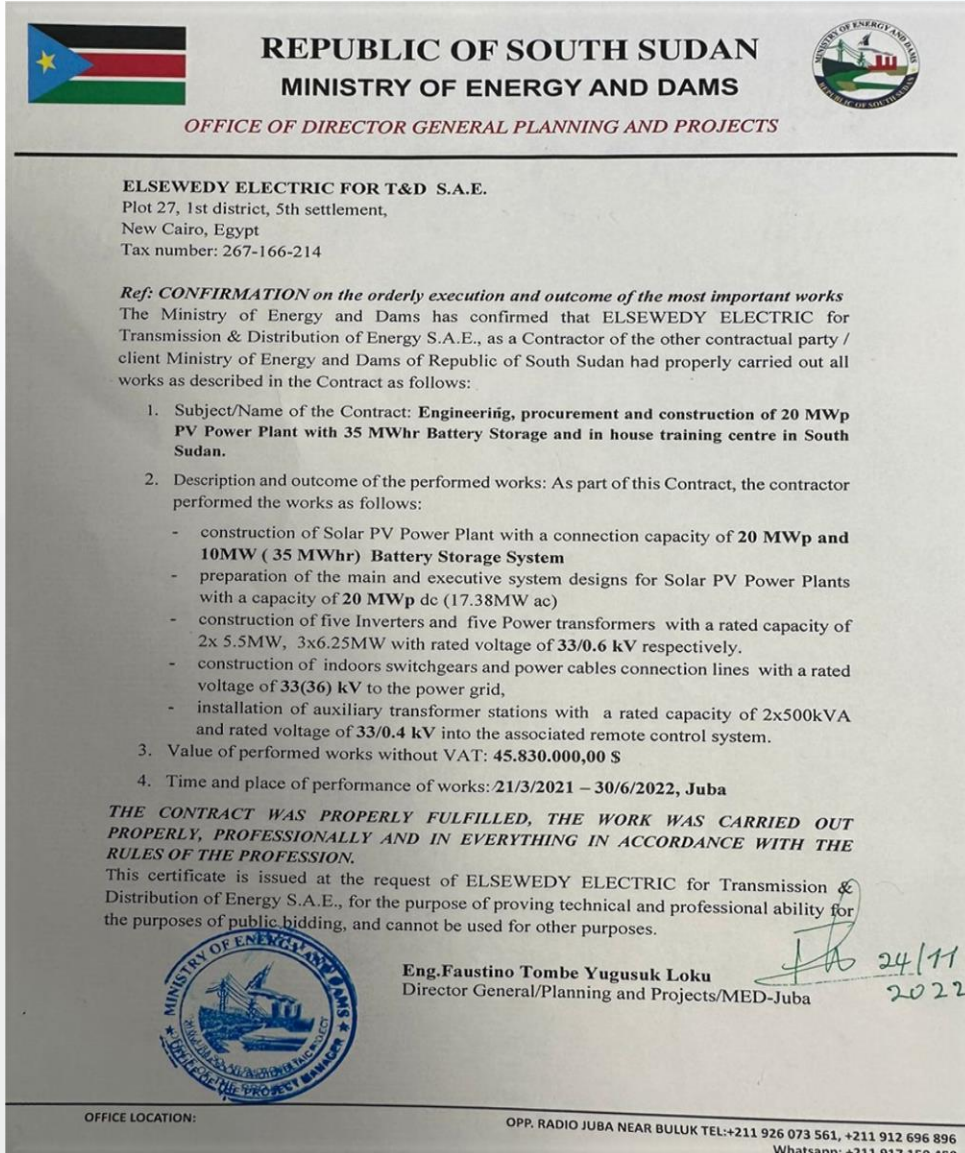
PROJECT LOCATION
EGYPT

- Successfully delivered wind farm project delivering 250MW in May 2021.
- Entrusted by Siemens-Gamesa Renewable Energy (Spain), we were assigned for carrying out the civil works package of LEKELA WIND FARM PROJECT for 96 wind turbines generators (WTGs) with total capacity of 250 MW located in Ras Gharib, EGYPT.
- All tubular steel wind towers were manufactured and supplied by ELSEWEDY ELECTRIC TOWERS (EET) – 96 Tower.



PROJECT LOCATION
EGYPT

- 4 plots each with capacity of 56.7 MWp, total 226.8 MWp, as follows:
 - Alcazar Energy Egypt Solar 1 (AEES1);
 - ATEN Solar Energy (ATEN);
 - Delta for Renewable energy (DELTA);
 - HORUS Solar Energy (HORUS).
- Subcontracting the electrical & Civil scope for TSK – Environmental JV
- Successfully operating for more than 3 years from COD in August 2019



EPC+Finance, Turnkey Lump Sum Contract

- Hybrid solar photovoltaic project on 250,000 m2 of land near Juba, the capital of South Sudan.
- Complete turnkey solution for **20MWp photovoltaic park, and 35MWh battery storage system.**
- Financed by the African Export-Import Bank (Afreximbank),
- The estimated annual 29 million kWh of clean energy produced will power over 58,000 households while saving 12,000 tons of CO2 a year.
- Owner: Ministry of Energy & Dams, S. Sudan



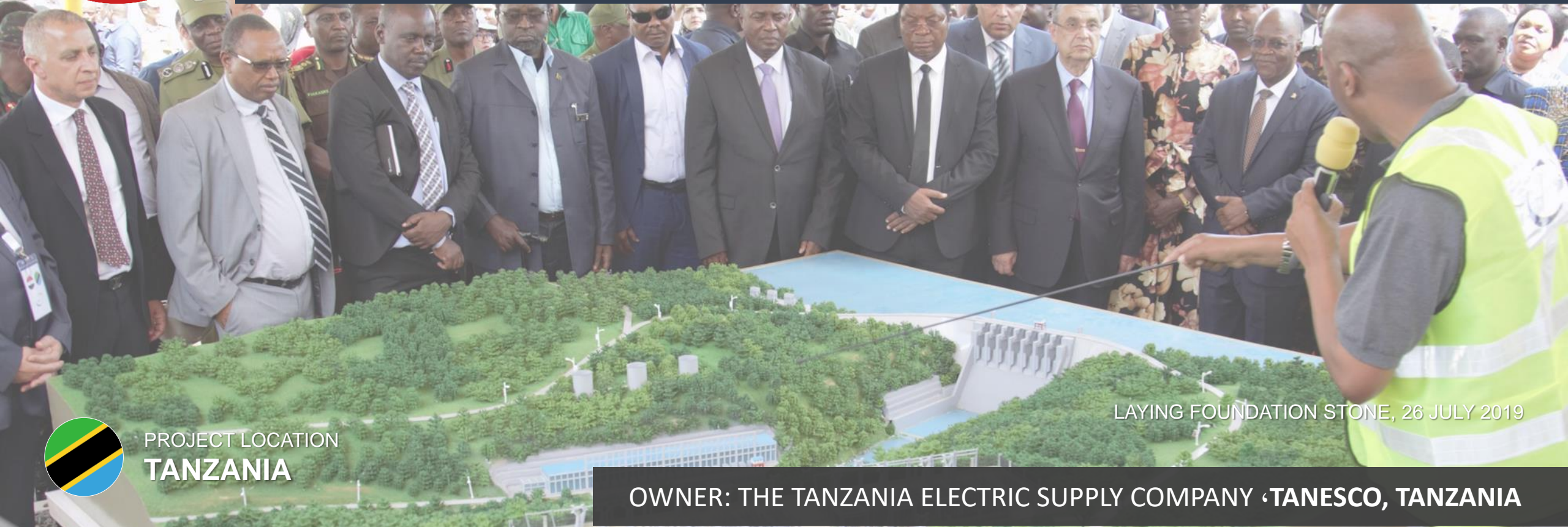


PROJECT LOCATION
EGYPT

- **CAPACITY:** 10MWp PV Power Plant
- **CLIENT:** Farm Fruits – El Banna Group
- **LOCATION:** Wadi Elnatroon - Egypt
- **SCOPE:** EPC Contractor (Turnkey)



3.4. PROJECTS UNDER EXECUTION – EPC



LAYING FOUNDATION STONE, 26 JULY 2019



PROJECT LOCATION
TANZANIA

OWNER: THE TANZANIA ELECTRIC SUPPLY COMPANY (TANESCO), TANZANIA

- Engineering, procurement and construction (“EPC”) of Rufiji Hydropower Project at Stiegler’s Gorge along the Rufiji River in Tanzania.
- 134m RCC-dam, 34 billion m3 reservoir, 3-power tunnels
- A Powerhouse incl. 9 x 235 MW Vertical Francis Hydro-Turbines and a 400kV substation.
- Total installed capacity is 2,115 MW generating approx. 6,307 GWh/annum.
- Turnkey lump sum contract value of USD2.9 billion.



**PROJECT LOCATION
EGYPT**

OWNER: ELSEWEDY ELECTRIC/RENEW POWER

ELSEWEDY ELECTRIC in partnership with ReNew Power Private Limited, have signed a Framework Agreement with the Government of Egypt to jointly develop, finance, construct, operate and maintain a green hydrogen project with its related ancillary facilities.

The Framework Agreement is entered into with The Sovereign Fund of Egypt (“TSFE”) Infrastructure & Utilities Sub Fund, New and Renewable Energy Authority (“NREA”), Egyptian Electricity Transmission Company (“EETC”), and The General Authority for Suez Canal Economic Zone (“SC Zone”). The Project comes in line with Egypt’s National Green Hydrogen Strategy issued during COP27.



6,250 MW (Hybrid RE)

1.65 GW (Electrolyzers)



**TKLS USD
7.86 BILLION**



PROJECT LOCATION
KSA

As a part of Saudi renewable program (REPDO 3) under vision 2030, in partnership with Jinko Power Technology Co., Ltd. In the EPC as well as being the developer to develop 300 MW Solar PV plant in the town of Al-Saad, in the Kingdom of Saudi Arabia, Whereas ELSEWEDY’s scope covers design, supply & construction works in addition to O&M for initial years

- **PROJECT BRIEF**

- 40.5 MWp Solar PV Power Plant on EPC – turnkey basis

- **EMPLOYER:**

- Zimplats Holdings Ltd, the largest Platinum Producer in Zimbabwe, Whereas the project is a significant step towards Zimplats' plan to transition towards cleaner and more reliable energy sources

- **SCOPE:**

- Engineering, Procurement, Installation, Testing and Commissioning of 40.5 MWp Solar PV Power Plant
 - 2 years O&M.





PROJECT LOCATION
CHAD

- **Employer:** D'jermaya CDEN Energy SAS, SPV: D'jermaya Solar
- Engineering, Procurement, Installation, Testing, and Commissioning of 36 MWp Solar PV Power Plant + 4MWh BESS in addition to 18 Km OHTL (33KV) with two step-up power transformer 25 MVA (90 KV) interconnection to the existing network on a turnkey basis + 5 years O&M



PROJECT LOCATION
Madagascar

- **CAPACITY:** 165MWp PV Power Plant
- **EMPLOYER:** Jirama Isbtye – Utility Company
- **LOCATION:** Madagascar
- **SCOPE:** Financing, Engineering, Procurement, construction, Testing & commissioning in addition to O&M



PROJECT LOCATION
BURKINA FASO

- **CAPACITY:** 42MWp PV Power Plant
- **CLIENT:** SONABEL (Burkina Faso's Utility)
- **FINANCE:** AFD (Agence Française de Développement)
- **LOCATION:** Ouagadougou, Burkina
- **SCOPE:** EPC Contractor (Turnkey)



PROJECT LOCATION
BURKINA FASO

- **CAPACITY:** 24MWp & 18MW PV power plants under 2 contracts
- **CLIENT:** Qair (France)
- **LOCATION:** Zano, Burkina
- **SCOPE:** Main EPC Contractor, O&M Operator



PROJECT LOCATION
SOUTH AFRICA

- **CAPACITY:** 80 MW
- **CLIENT:** Cennergi (South Africa)
- **LOCATION:** South Africa
- **SCOPE:** Main EPC Contractor, O&M Operator, as a consortium lead member with our valued local partner EPG as local partner to meet the BB-EEE local regulations



PROJECT LOCATION
SIERRA LEONE

- **CAPACITY:** 16 MW & 4MW AC PV power plant under 2 separate contracts
- **CLIENT:** Planet Solar Energy(UK)
- **LOCATION:** Bo-Kenema & Porto Loko Regions, Sierra Leone
- **SCOPE:** Main EPC Contractor



PROJECT LOCATION
ANGOLA

Scope included design, supply and installation, testing and commissioning of 105 MWp PV plant in addition to 33/60 KV step up Substation on turnkey basis



PROJECT LOCATION
EGYPT

First traffic management system in Africa, with solar powered TMs and TCs, including 5 MWp, 25 MWh BESS, covering 1079 kilometers roads among 693 sites for the Information System Institute and Administrative Capital for Urban Development (ACUD)

ELSEWEDY ELECTRIC

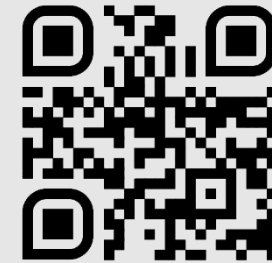
@elsewedyelectric



SCAN THE **QR CODES**
TO VIEW OUR



CORPORATE
PRESENTATION



CORPORATE
MAGAZINE



CORPORATE
WEBSITE