



# COMPANY

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# PROFILE



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# Company History



## Machine Tools

Foundation of the company to cover the field of Machine Tools and industrial equipment; CNC Machines, Coining Machines and Gear production machines.



thyssenkrupp

## ThyssenKrupp

Establishing a joint Venture with Thyssen Elevators to cover the north Africa and Middle East markets.



Schneider  
Electric  
PV & Energy

We began working in the renewable energy and energy efficiency field as an EPC company. We are an authorized Schneider Electric distributor and hold a **Platinum Certification**, reflecting our technical expertise and commitment to the highest quality standards.



## Green Hydrogen

Starting working in the field of green Hydrogen.

1979

1994

1998

2010

2012

2015

2020

2025

## Elevators & Escalators

Representing Thyssen Elevators in Egypt.



## Airport boarding bridges

Supervision & Execution of Cairo Airport Terminal (2) Boarding Bridges.



**PELCO**  
Ecostruxure  
Innovation At Every Level

Started working in the field of CCTV & security cameras.  
Became an official distributor for Pelco in 2016.

**BAVARIA**  
Fire Fighting Solutions

Authorized and official partner of Bavaria.

# Company Structure



# List of PV Projects

Project	Capacity	Date Of Completion
National Bank of Egypt – Luxor Branch - Rooftop National Bank of Egypt – Sarayat El Maadi Branch – Rooftop National Bank of Egypt – Sarayat El Maadi Branch – Parking Lot HiTek-Nofal Building in El Maadi - Rooftop Modern English School in Cairo	30.00 kWp	10/04/2015
National Bank of Egypt – Smart Village Branch National Bank of Egypt – Badr Branch National Bank Of Egypt – Gesr El Suez Branch National Bank of Egypt – El Sabeen Branch – Hybrid Plant Lycee International Balzac – New Cairo National Bank of Egypt – Qena Branch National Bank of Egypt – Nagaa Hamadi Branch National Bank of Egypt – Abu Qurqas Branch Theodor Bilharz Research Institute (Consultancy) Credit Agricole – Head Office National Bank of Egypt – Cairo Plaza Bridge National Bank of Egypt – Nozha Branch. National Bank of Egypt – Mokattam Branch. Sharm El Sheikh – Youth City. El Asmarat – JAC Service Center. Credit Agricole – 6th of October Branch National Bank of Egypt – Luxor Tiba Branch National Bank of Egypt – Sohag Maragha Branch National Bank of Egypt – Minya (Industrial) Branch National Bank of Egypt – Obour Branch National Bank of Egypt – 10th of Ramadan Branch National Bank of Egypt – New Sohag Branch National Bank of Egypt – New Assuit Branch SODIC West Parking HUB	18.00 kWp 22.00 kWp 25.00 kWp 300.00 kWp 50.00 kWp 60.00 kWp 85.00 kWp 30.00 kWp 200.00 kWp 60.00 kWp 45.00 kWp 15.00 kWp 50.00 kWp 200.00 kWp 10.00 kWp 50.00 kWp 30.00 kWp 500.00 kWp 120.00 kWp 75.00 kWp 50.00 kWp 25.00 kWp 25.00 kWp 25.00 kWp 25.00 kWp 50.00 kWp 50.00 kWp 330.00 kWp	01/06/2015 01/06/2015 02/12/2015 05/01/2016 10/04/2016 08/04/2016 08/04/2016 12/04/2016 15/07/2016 10/04/2017 10/04/2017 10/04/2017 22/02/2017 19/12/2016 02/03/2017 26/08/2017 26/08/2017 19/10/2017 10/02/2018 01/07/2018 01/08/2018 01/08/2018 01/08/2018 01/08/2018 30/05/2019 30/05/2020 07/11/2020
<b>Total</b>	<b>2,925.00 kWp</b>	



# List of PV Projects

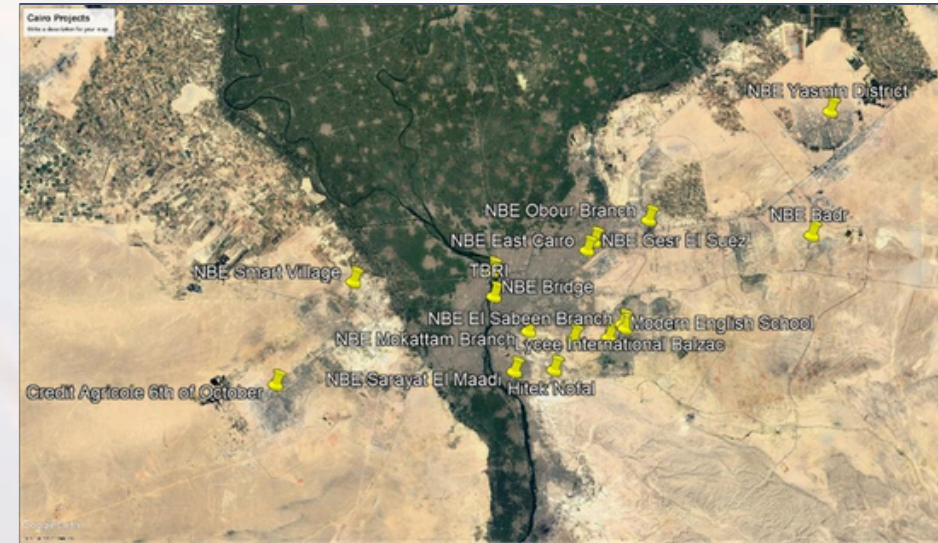
Project	Capacity	Date Of Completion
National Bank of Egypt – Aswan.	40.00 kWp	01/10/2019
National Bank of Egypt – Ras Sedr	30.00 kWp	01/10/2019
National Bank of Egypt – Belbees	17.60 kWp	20/04/2019
National Bank of Egypt – Qesna	18.70 kWp	22/04/2019
National Bank of Egypt – Agouza Club	50.00 kWp	24/04/2019
Ceramica Art	150.00 kWp	30/01/2019
National Bank of Egypt Agga Branch	30.00 kWp	12/02/2020
57357	100.00 kWp	25/05/2021
<b>Total</b>	<b>2,880.00 kWp</b>	

# List of Projects (Commissioning)

Project	Capacity	Date Of Completion
Intro Project	5,000.00 kWp	01/04/2017
<b>Total</b>	<b>5,000.00 kWp</b>	

# Installation & Supervision (Mega)

Project	Capacity	DateOf Completion
Infinity 50	100,000.00 kWp	01/01/2018
Phoenix	50,000.00 kWp	01/06/2019
BSEP	70,000.00 kWp	01/06/2019
MMID	30,000.00 kWp	01/06/2019
<b>Total</b>	<b>250,000.00 kWp</b>	



# Mega Projects

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- **Photovoltaic**

- BenbanProject– Electro-Mechanical Works - Infinity 50 - 70 -50 MWp.



# Mega Projects

- **Photovoltaic**
  - BenbanProject– Electro-Mechanical Works – Phoenix - 50 MWp.



# Mega Projects

- **Photovoltaic**

- BenbanProject– Electro-Mechanical Works – MMID - 30 MWp.



# PV Projects References in Egypt

- **Photovoltaic**
  - Novartis Pharma 250 kWp



NOVARTIS

# PV Projects References in Egypt

- Photovoltaic
- National Bank of Egypt – NBE 935 KWp  
34 Branches Reduce emissions 1,115 Tons CO2 per year



# PV Projects References in Egypt

- Photovoltaic  
Agricultural Bank of Egypt – ABE 346KWp
- 17 Branches
- Reduce emissions 415 Tons CO2 per year

**البنك الزراعي المصري**  
Agricultural Bank of Egypt



# PV Projects References in Egypt



- **Photovoltaic**

- Schneider Electric BadrFactory150KWp
- Schneider Electric HQ Fifth Settlement 70 KWp



# PV Projects References in Egypt

- **Photovoltaic**

- ERC– CarParking157kWp.
- Green shaded zone Solar Car shed



Egyptian Refining Company  
الشركة المصرية للتكرير



y A56 5G



Galaxy A56 5G

# PV Projects References in Egypt

- **Photovoltaic**

- SODIC West-town Hub 330kWp.
- SODIC West Vye 3 MWp (614) villa
- Reduce emissions 4,105 Tons CO<sub>2</sub> per year



# PV Projects References in Egypt

- **Photovoltaic**
  - CeramicaART - 200kWp.

**EME**  
ELECTRO MECHANIC FOR ENERGY



**Art Ceramic**  
سيراميك آرت



# PV Projects References in Egypt

- **Photovoltaic**
  - Citroen Car Showroom – Al Asmarat – 120kWp.



CITROËN



# PV Projects References in Egypt

- **Photovoltaic**

- CreditAgricoleHQ – 200kWp.

Installation of a Microgrid in Egypt, monitoring the consumption & production of energy in the HQ.



# PV Projects References in Egypt



- **Photovoltaic**

- Children's Cancer Hospital(57357) 150kWp



مؤسسة مستشفى سرطان  
الأطفال - مصر  
Children's Cancer Hospital  
Foundation - Egypt



# PV Projects References in Egypt

- **Photovoltaic**

- 57357 – 150 kWp Carport with Microgrid.  
**150KW Solar-toReach1.5Mw**  
**20% of the hospital electricity 1.2MKg co2 less**
- The largest **pediatric oncology hospital** in the world

### Customer Challenge

- Optimizing energy bill
- Reducing carbon footprint
- Promote sustainability

### Solutions

- Integrating Microgrid advisor on top of DERs ( Solar , Genets , Chillers & Utility to provide remote source of monitoring and forecasting

### Customer Benefits

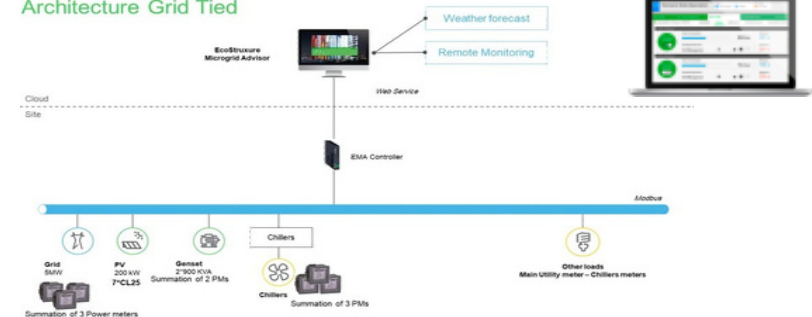
- Optimize energy coast
- Reduce carbon footprint with local renewables self-consumption maximization
- Future ready for any energy regulations

### The Results: Life is On with...

- Scalable and agnostic solutions which can match customer needs over time.



### Architecture Grid Tied



EcoStruxure Microgrid Advisor

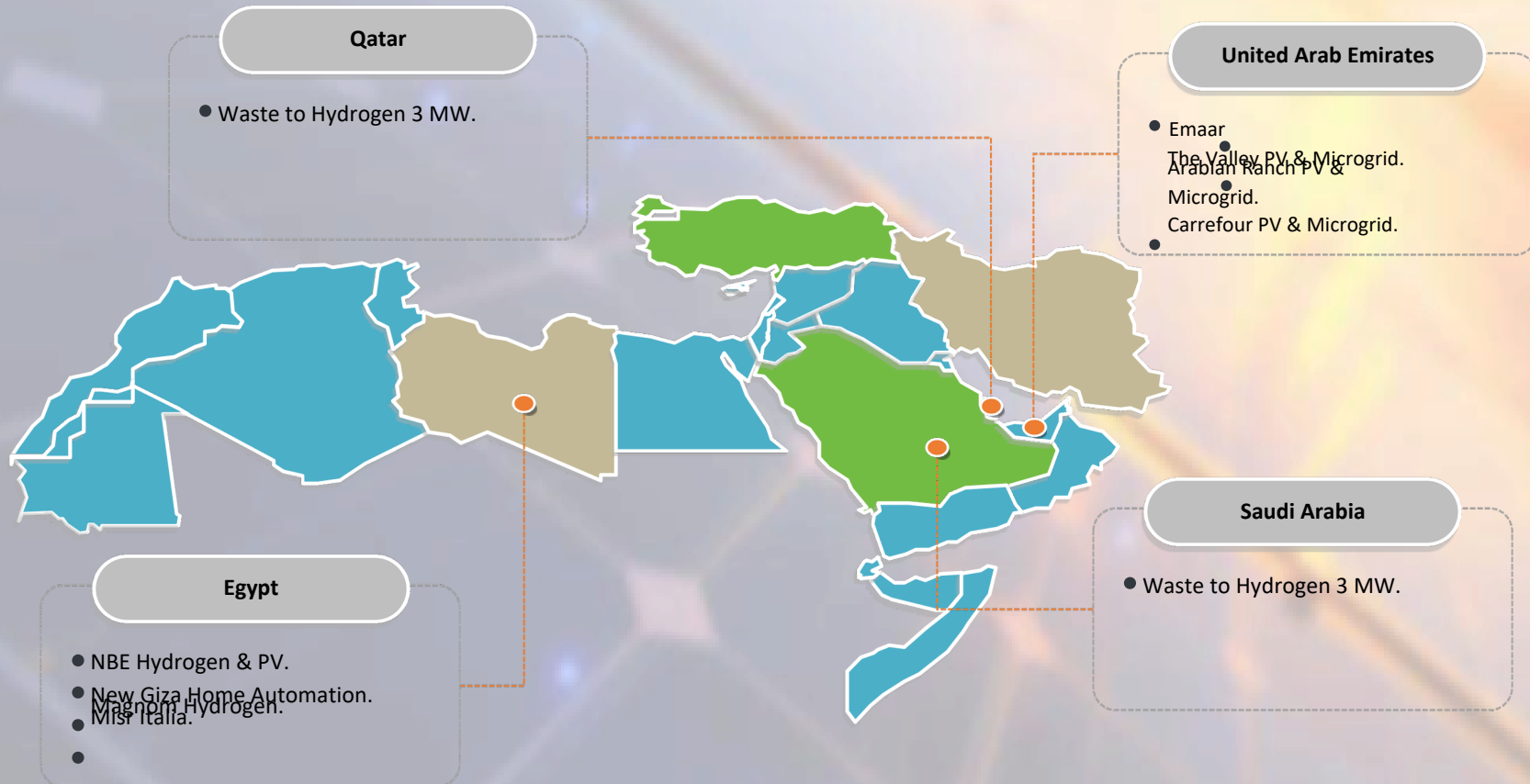
# PV Projects References in Egypt

- **Photovoltaic**

- Lycee Balzac School – 200 kWp.



# Future Projects' Pipeline



# Future Projects' Pipeline

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- 40 kW Green Hydrogen Plant, with Microgrid.
- Wessal Buildings 180 kWp PV Plant with Microgrid.
- El Sabeen Branch, POC for monitoring PV, Diesel Gensets & Batteries using Microgrid.



- This will be as a demo prototype which will be generalized for all the branches in Egypt.
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# Future Projects' Pipeline

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- Smart home automation for 200 Villas & the administration building, with Microgrid monitoring.



# Future Projects' Pipeline

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Magnom 100 kW Green Hydrogen project in Egypt's New Administrative Capital.



# Future Projects' Pipeline

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Misr Italia 2 MWp PV projects in Egypt  
with Microgrid.

Plus, more than 70 opportunities in  
different fields.



# Future Projects' Pipeline

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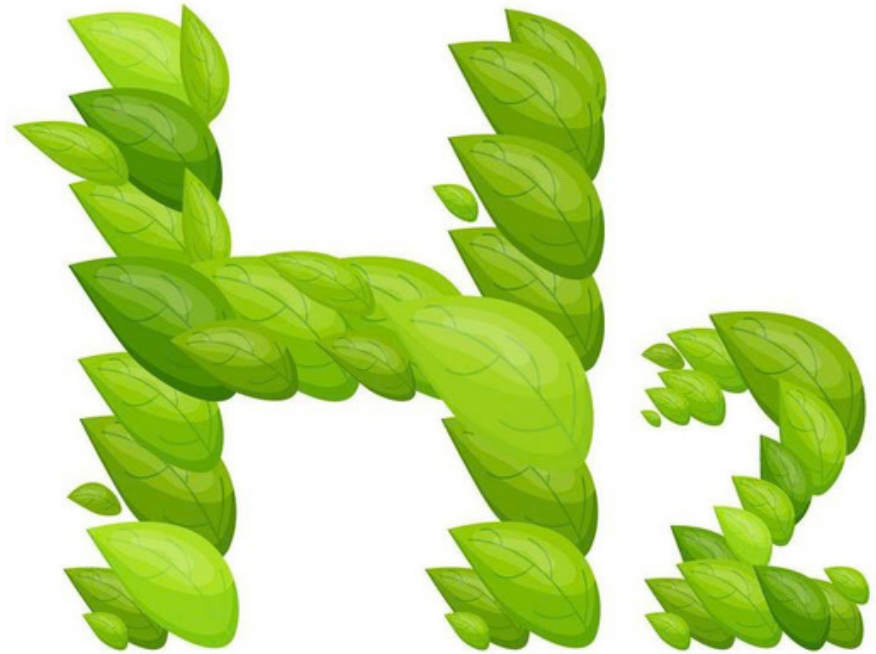
- The Valley 350 kWp PV Plant, with microgrid.
- Arabian Ranch 750 kWp PV Plant, with microgrid.



# Future Projects' Pipeline

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Qatar 3 MW waste to hydrogen project.



# Future Projects' Pipeline

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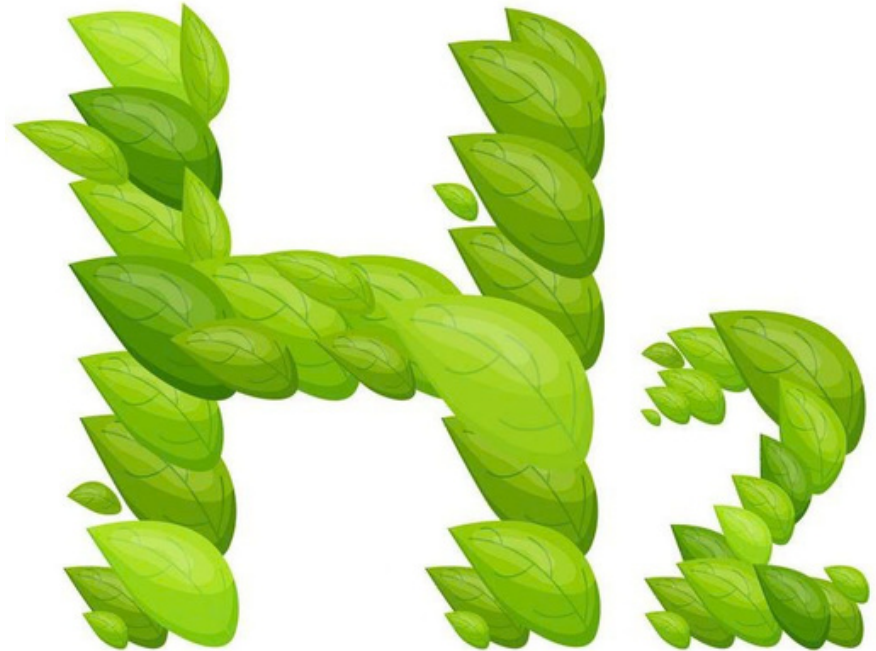
- Carrefour warehouse 600 kWp PV Plant, with microgrid.



# Future Projects' Pipeline

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Saudi Arabia 3 MW waste to  
hydrogen project.



# Our Main Clients in Egypt



## State Industrial Group

- Massara Co. for Engineering Industries
- Helwan Co. for Engineering Industries
- Helwan Machine Tools Industries
- Shoubra Co. for Engineering Industries

## Private Sector Companies

- EgyptianGermanIndustrial Corporate
- BavariaEgyptCo.
- EGEMAC
- El Kady for hoses and pipes
- Modern English Schoolin Cairo LyceeBalzac.
- Hitek-Nofal.

## Companies of AOI

- Arab British Dynamics
- Engine Factory
- Aircraft Factory
- Sakr Factor for Developed Industries
- Kader Factory

## Governmental Firms

- Egyptian Mint house
- Egyptian Sugar & Integrated Industries Co.
- Cairo Airport Co.
- Egypt Air
- Nile Oil
- National Bank of Egypt
- Theodor Bilharz Research Institute



Thank You



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