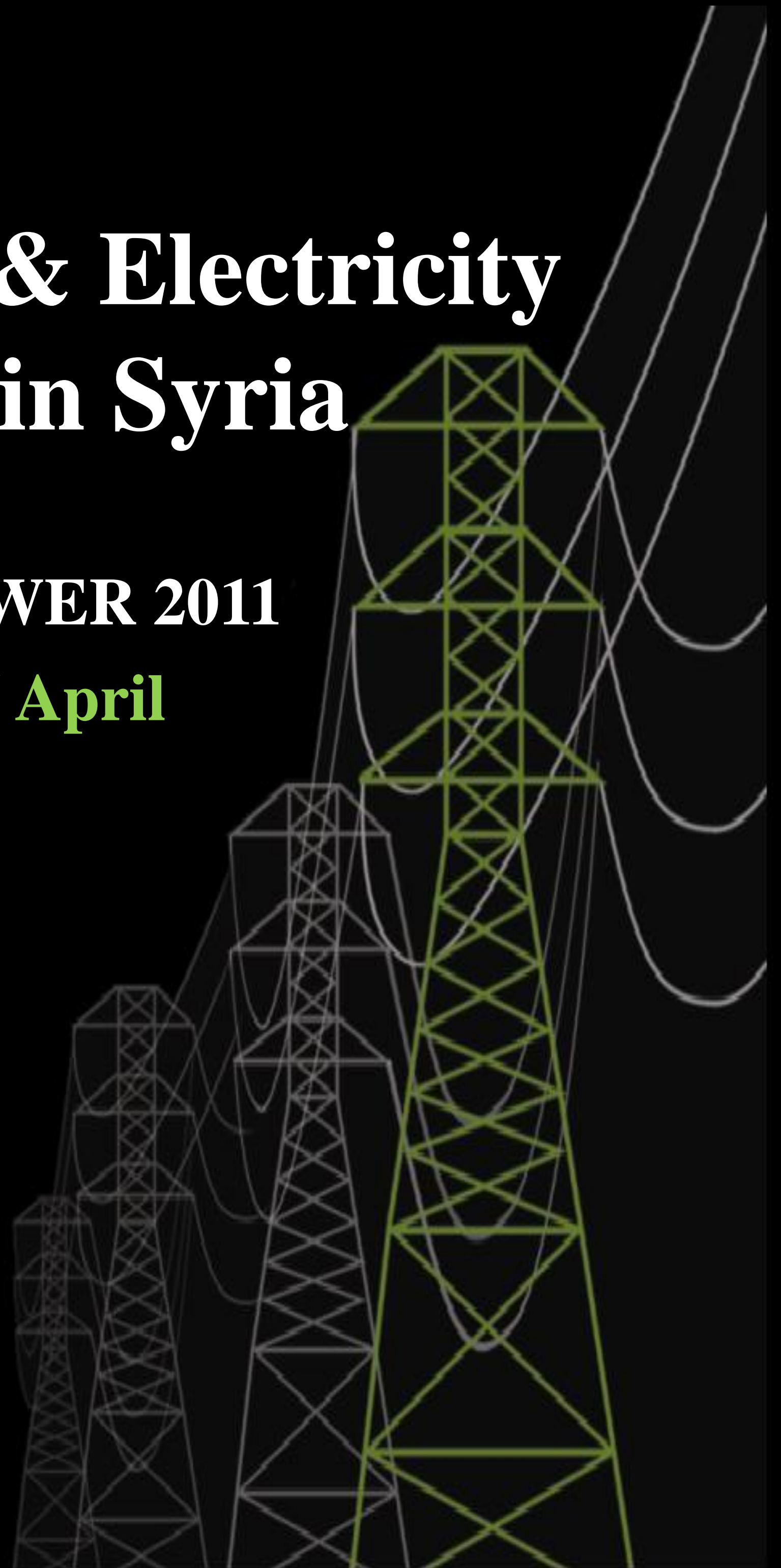


# The Power & Electricity Sector in Syria

**SYRPOWER 2011**

**4 – 7 April**



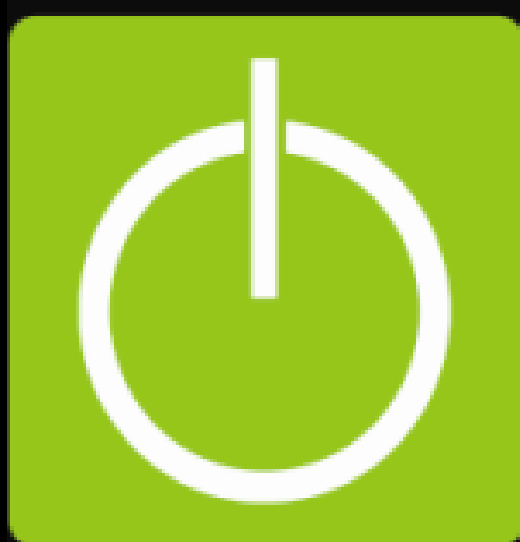
# Overview of the Syrian Economy

- **Area: 185,180 km<sup>2</sup>**
- **Population 19,314,747**
- **Natural resources: Petroleum, Phosphates, Chrome and Manganese Ores,**
- **Asphalt, Iron Ore, Rock Salt, Marble, Gypsum, Hydropower**
- **Economy growth: 3.3 % in real terms in 2007**
- **GDP (purchasing power parity): \$78.04 billion**
- **GDP (official exchange rate): \$24.26 billion**
- **GDP - real growth rate: 5.1**
- **GDP - per capita (PPP): \$4,100**
- **GDP - composition by sector: agriculture: 24.8%, industry: 25.1%, services: 50.1%**



# Overview of the Syrian Economy

- **Exports: \$9.713 billion**
- **Exports Commodities: Crude Oil, Petroleum Products, Fruits and Vegetables, Cotton Fiber, Clothing, Meat and Live Animals, Wheat, and Pharmaceutical Products**
- **Exports Partners: Iraq 27.3%, Germany 12.2%, Lebanon 9.5%, Italy 6.6%, Egypt 5.3%, Saudi Arabia 4.7%**
- **Imports: \$10.54 billion**
- **Imports Commodities: Machinery and Transport Equipment, Electric Power Machinery, Food and Livestock, Metal and Metal Products, Chemicals and Chemical Products, Plastics, Yarn, Paper**



# Economic Reform Programme

- **Full implementation of the Greater Arab Free Trade Agreement (GAFTA) since January 2005**
- **Initialing the Syrian — EU Association Agreement in 2004**
- **The Free Trade Agreement (FTA) with Turkey, which follows the pattern of the Syrian — EU Association Agreement, entered into force in 2007**
- **Preferential Trade Agreement (PTA) was signed with Iran in 2005**
- **Simplifying and enforcing foreign trade regulations, and working to completely eliminate the Negative list of imports (90% of the commodities have been liberalized till now, and efforts are ongoing for further liberalization)**
- **Ongoing efforts on both national and international levels regarding the accession of Syria to the WTO**



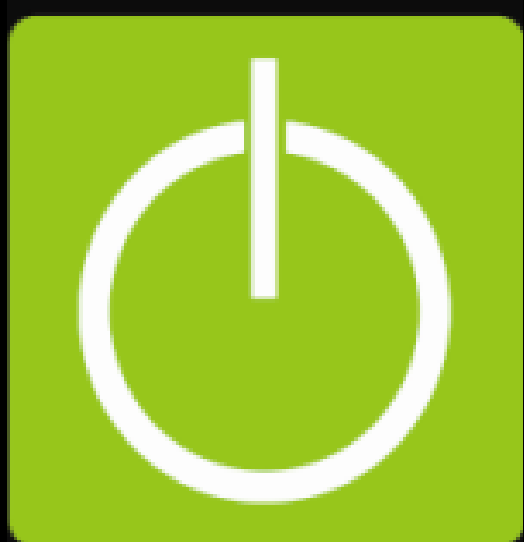
# Overview of the Power & Electricity Industry

- **The Ministry of Electricity is the main player in this sector. It operates through the following affiliated establishments:**
- **Public Establishment for Electricity Generation and Transmission (PEEGT)**  
PEEGT is responsible for the generation and transmission of electricity. It supplies few consumers directly at 230 kV, which formed 1% of the total consumption in  
PEEGT is also responsible for all electricity exchanges with neighboring countries.
- **Public Establishment for Distribution and Exploitation of Electrical Energy (PEDEEE) is responsible for sales and distribution.**  
PEDEEE undertakes distribution and exploitation of electricity to the fourteen  
distribution companies operating in Syria. These companies continued to meet the  
electricity needs of the new consumers and feeding 272000 additional consumers in  
2006



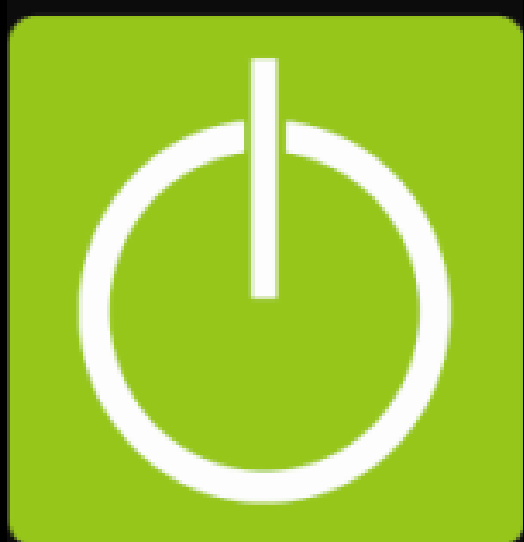
# Overview of the Power & Electricity Industry

- **The majority of generation in Syria is based on thermal power plants, which accounted for 81.6 per cent of total power generation in 2007 while 18.4 per cent was derived from hydropower. of the total, 88 per cent was produced by PEEGT, nine per cent by plants operated by the Ministry of Irrigation and three per cent by the Ministry of Petroleum and Mineral Resources.**
- **Current government-owned generating capacity has grown to over 8 GW through expansion of generating capacity mainly at oil and gas processing installations**



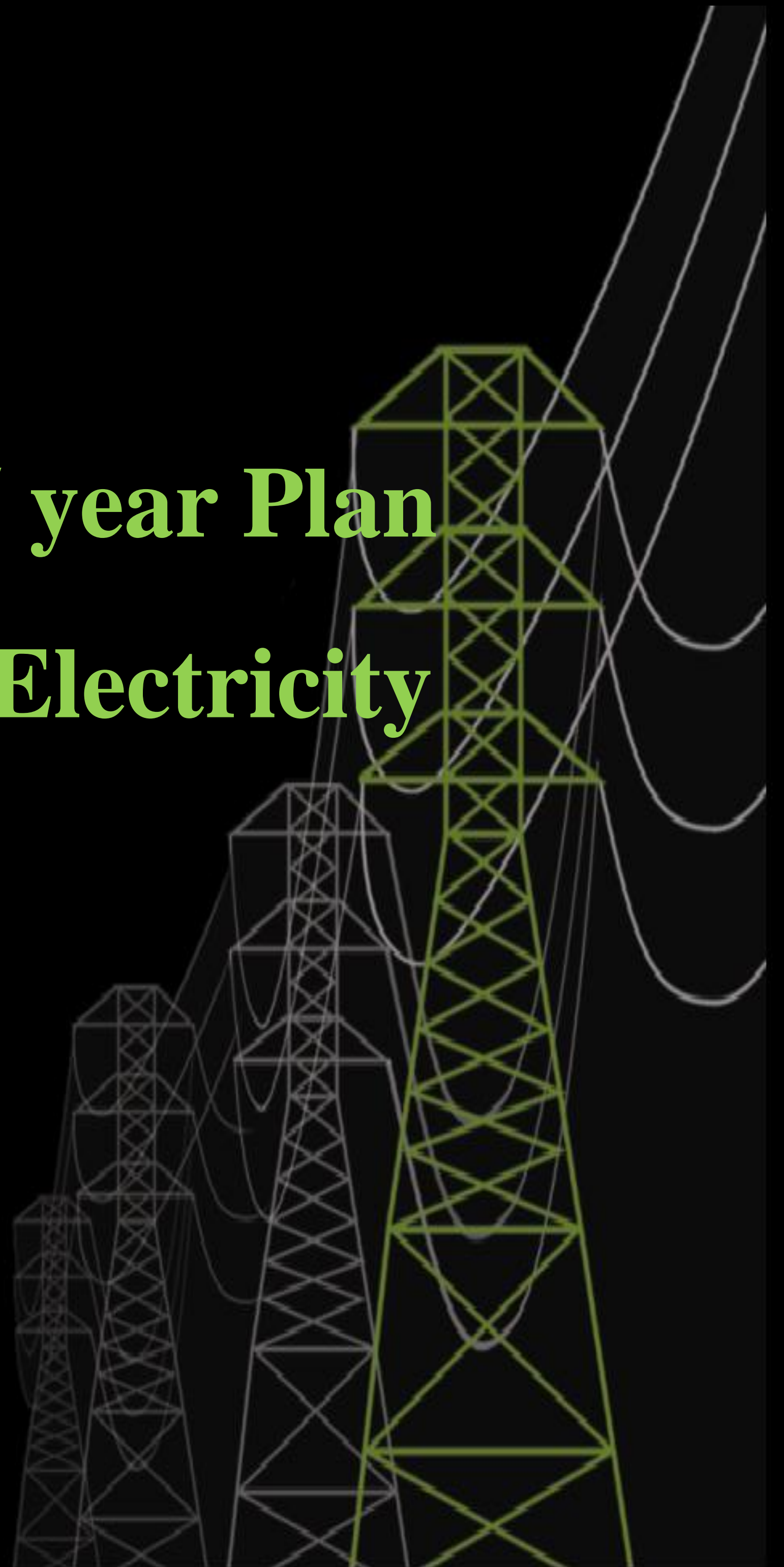
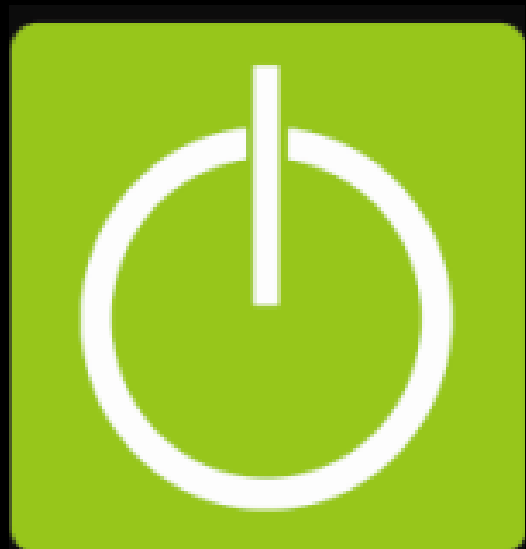
# Overview of the Power & Electricity Industry

- **In 2005, Syria produced 33 billion kilowatt-hours (Bkwh) and consumed 25 Bkwh of electricity**
- **Syria's power grid is linked up with those of several neighboring countries, including Jordan, Lebanon, and Turkey**
- **Demand growth since 2000 has averaged between six per cent and seven per cent and this rate of growth is expected to continue.**
- **Syria's master electricity plan aims to produce five percent total electrical energy production from renewable sources by 2010**



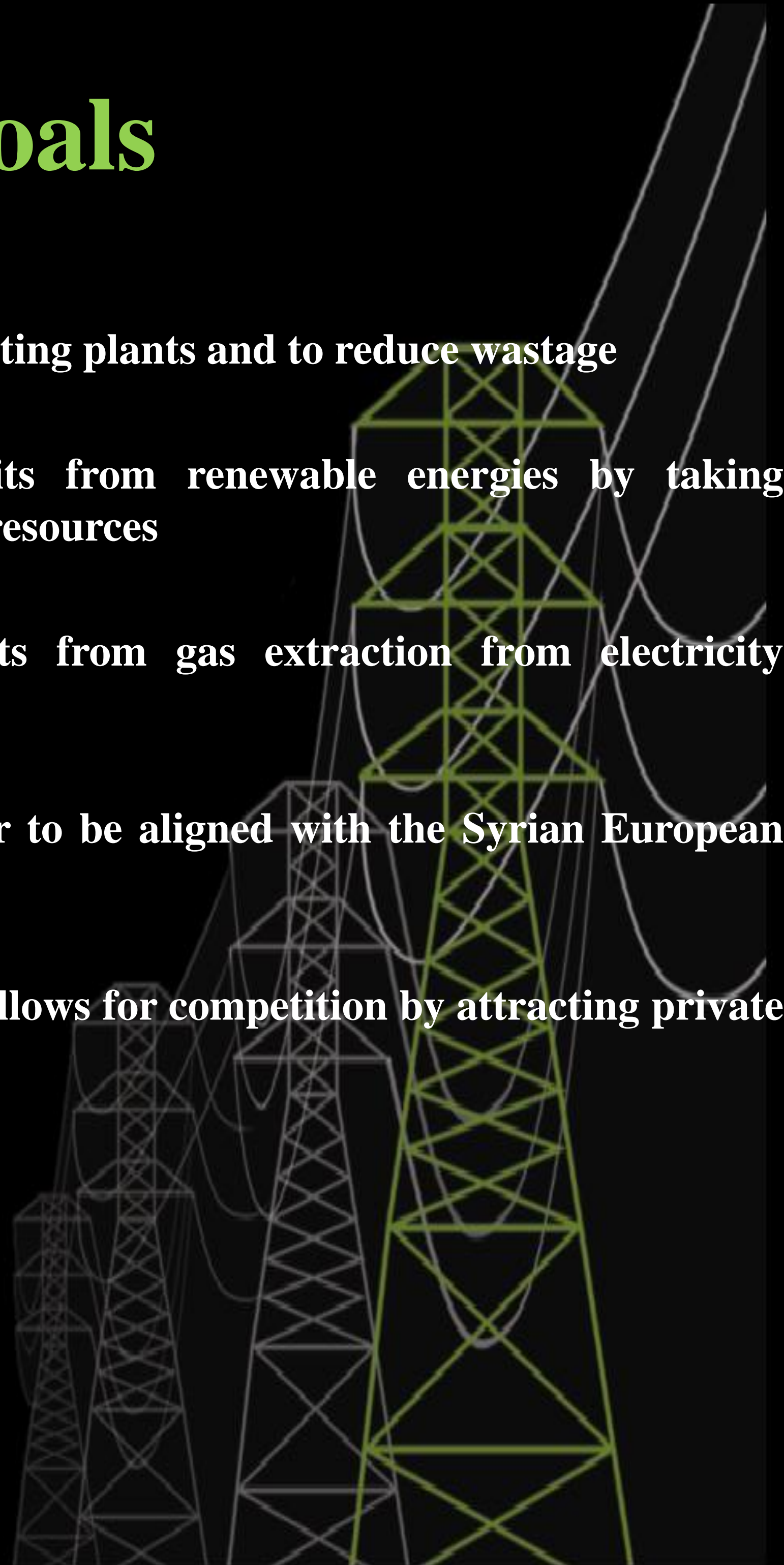
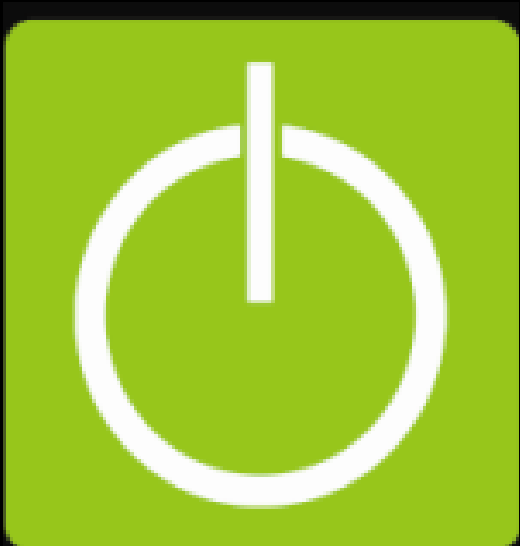
# **The 10<sup>th</sup> 5 year Plan**

## **Power & Electricity**



# Goals

- **To increase the efficiency of the existing plants and to reduce wastage**
- **To achieve the maximum benefits from renewable energies by taking advantage of wind, solar and water resources**
- **To achieve the maximum benefits from gas extraction from electricity generation**
- **To restructure the electricity sector to be aligned with the Syrian European partnership agreement**
- **To issue a new electricity law that allows for competition by attracting private investments**



# Investments (5 year Plan)

- **Public Establishment for Electricity Generation and Transmission (PEEGT):**

**US\$ 3.67 Billion**

- **Public Establishment for Distribution and Exploitation of Electrical Energy (PEDEEE):**

**US\$ 1.53Billion**

- **The National Center for Energy Researches:**

**US\$ 8 Mil**

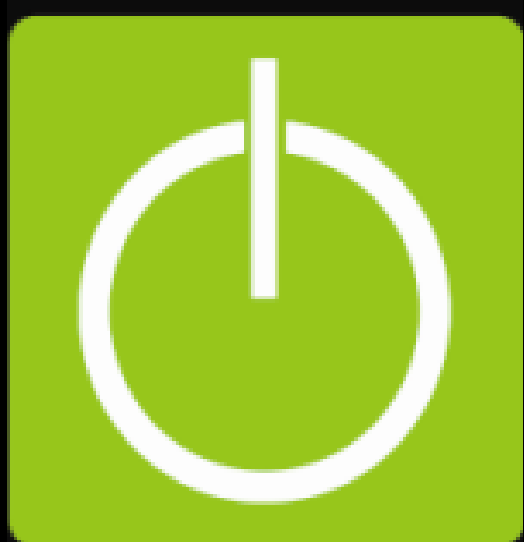
- **Electricity and mechanics institutes:**

**US\$ 1.52 Mil**



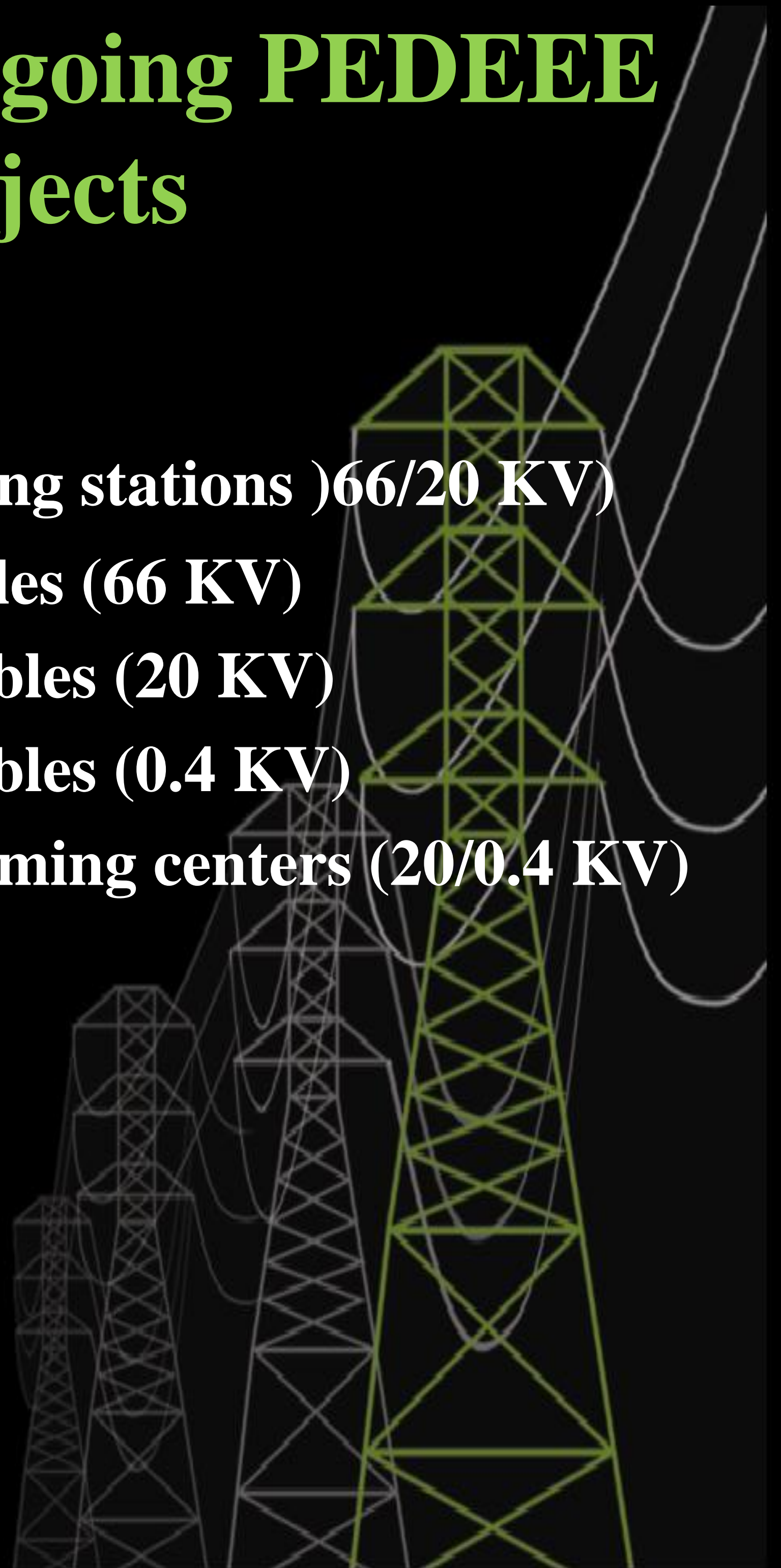
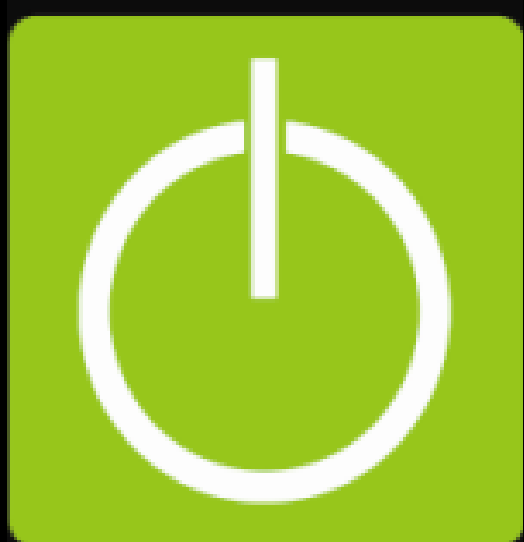
# Current undergoing PEEGT Projects

- **The expansion of Deir Ali Power Generation Station (Contractor: Metka – Ansaldo)**
- **The expansion of Teshreen Power Generation Station (Contractor: Bharat )**
- **The expansion of Jandar Power Generation Station (Contractor: MAPNA )**
- **The expansion of Al Zara Power Generation Station (under negotiations)**



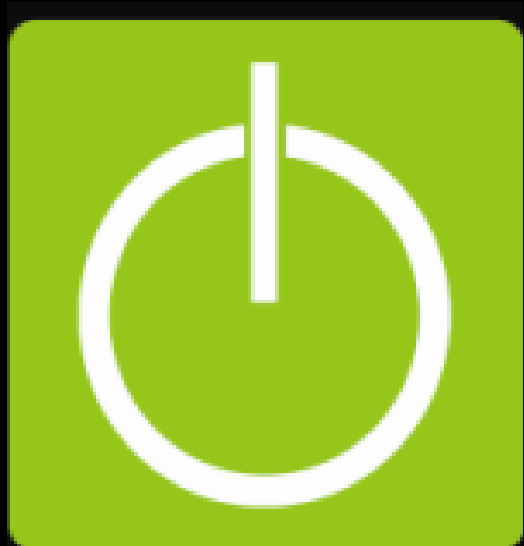
# Current undergoing PEDEEE Projects

- **Adding 100 transforming stations (66/20 KV)**
- **Laying 2000 KM of cables (66 KV)**
- **Laying 13500 KM of cables (20 KV)**
- **Laying 23000 KM of cables (0.4 KV)**
- **Adding 14,595 transforming centers (20/0.4 KV)**



**The 4th Syrian Int'l Power &  
Electricity Exhibition  
SYRPOWER 2011**

**4 – 7 April**



# Basic Facts & Figures

**Name of the Trade Show:** SYRPOWER 2011, The 4<sup>th</sup> Syrian Int'l Power & Electricity Exhibition

**City:** Damascus

**Country:** Syria

**Venue:** Damascus Int'l Fairground

**Dates:** 4 – 7 April, 2011

**Number of Exhibitors:** 85 (SYRPOWER 2009 data)

**Number of countries represented:** 22 (SYRPOWER 2009 data)

**Number of Visitors:** 2,338 (SYRPOWER 2009 data)

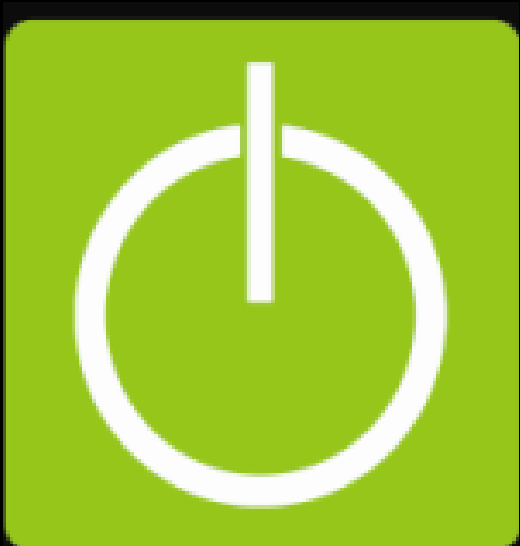
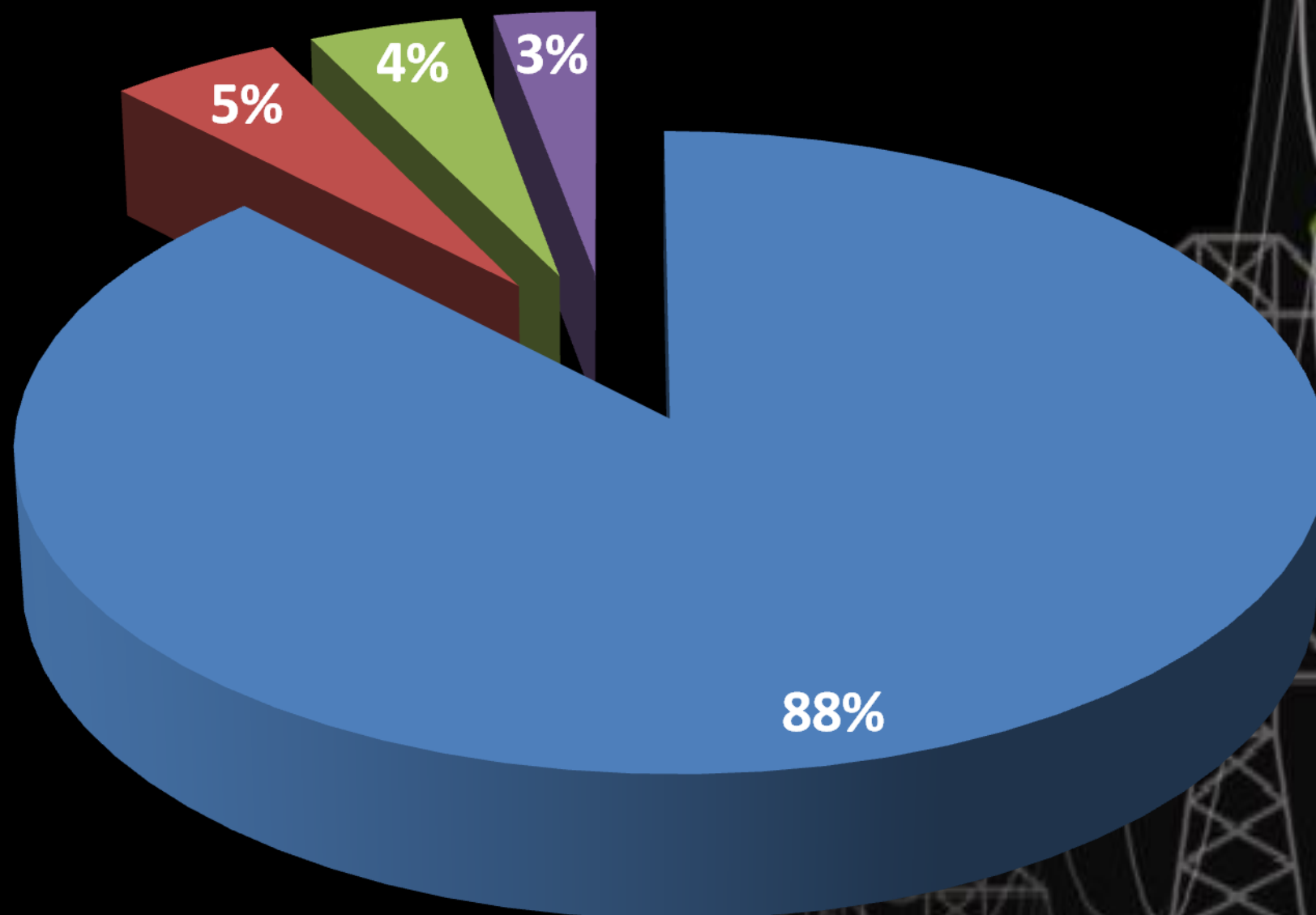
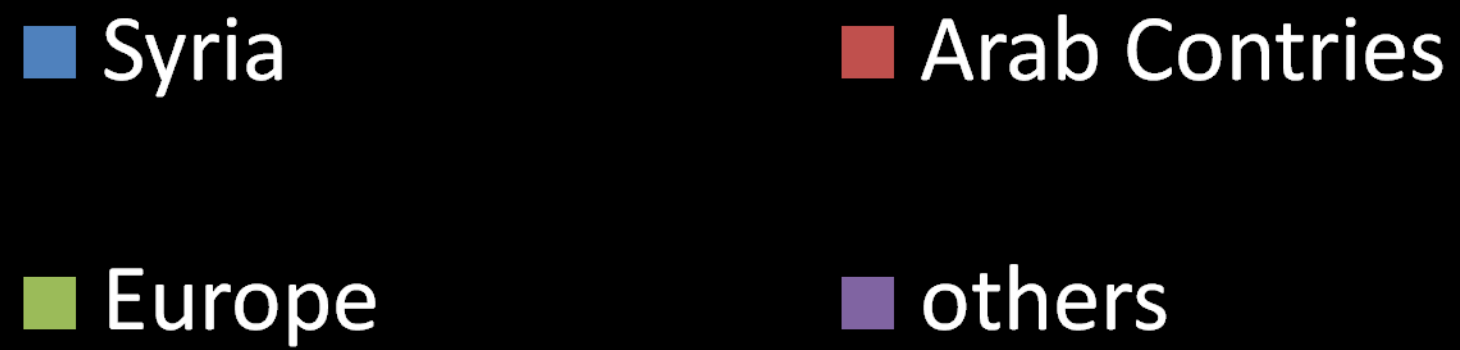
**Exhibiting Space (gross):** 3,450 sqm (SYRPOWER 2009 data)

**Periodicity:** Biennial

**Date of Creation:** 2005

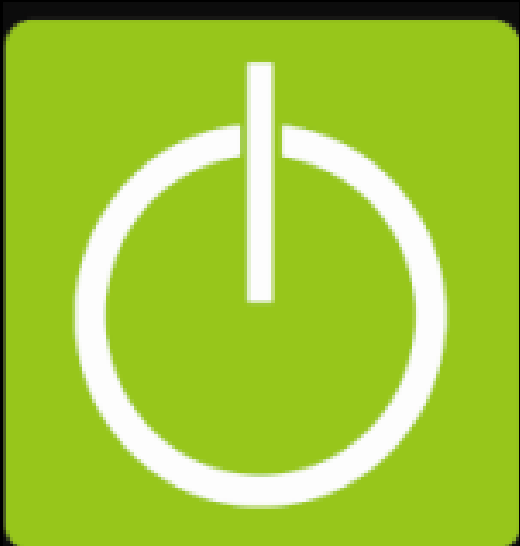
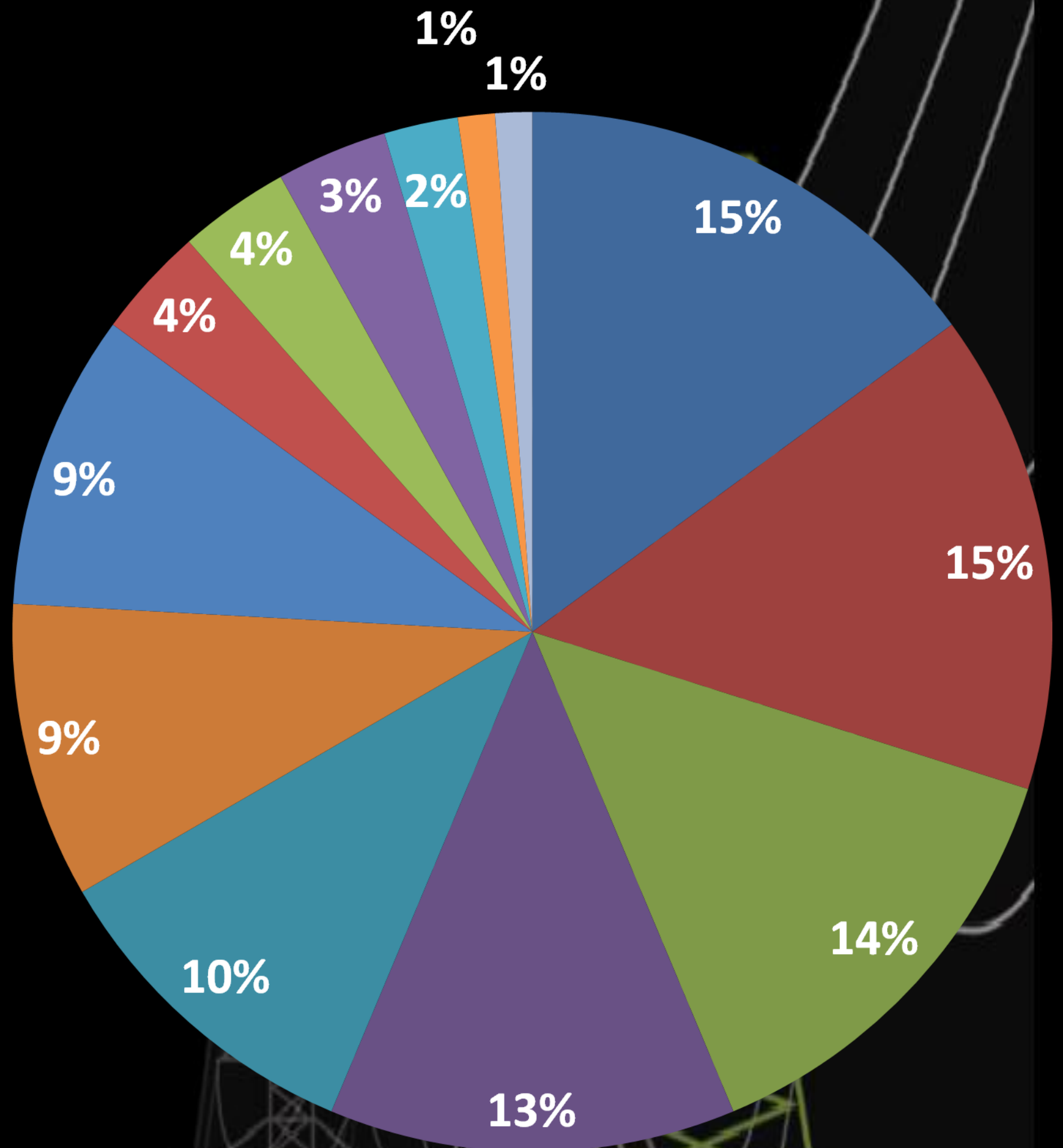


# Visitors' Nationalities



# Visitors' Profiles

- Power Plant & Generation
- Governmental Bodies
- Lighting
- Transmission & Distribution
- Clean Energy
- Engineering Company
- Others
- Construction Company
- Project Management/Consultancy
- Businessman
- HR/SHE/Training
- Insurance / Finance
- Press



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