

Delegation Overview (Egypt)

Egyptian **GREEN HYDROGEN & ENERGY** **PLANNING STUDY TOUR** to Germany

Organised by GIZ GmbH on behalf of the Federal Ministry for
Economic Affairs and Energy (BMWE)
under the umbrella of the
Bilateral Energy Partnership Programm (EP) and in cooperation
with the
International Hydrogen Ramp-Up Program (H2Uppp)

OCTOBER 18 – 24, 2026

BACKGROUND:

The [Egyptian German Green Hydrogen Partnership](#) (GH2P) supports Egypt's development into a regional hub for Green Hydrogen and its derivatives' production and transport, as well as an exporter to the EU and Germany. In this way, the partnership is developing essential building blocks for **energy transition and energy security demand on both partner sides – Egypt and Germany**.

On implementation side, the GH2P focusses **on two key work streams**: a) Energy Planning and its adaptation requirements in Egypt to reach the national H2 strategy goals, and b) strong networking with German industry and technology providers in the H2 and related sector value chains.

The latter is also facilitated by the [H2Uppp - International Hydrogen Ramp-Up Program](#), to enhance early project and business case development in Egypt.

H2Uppp

Both programs are financed by the German Federal Ministry for Economic Affairs and Energy (BMWE) and closely collaborated with their Egyptian partner ministries – the Ministry of Electricity and Renewable Energies (MoERE) and the Ministry of Petroleum and Mineral Resources (MoPMR).

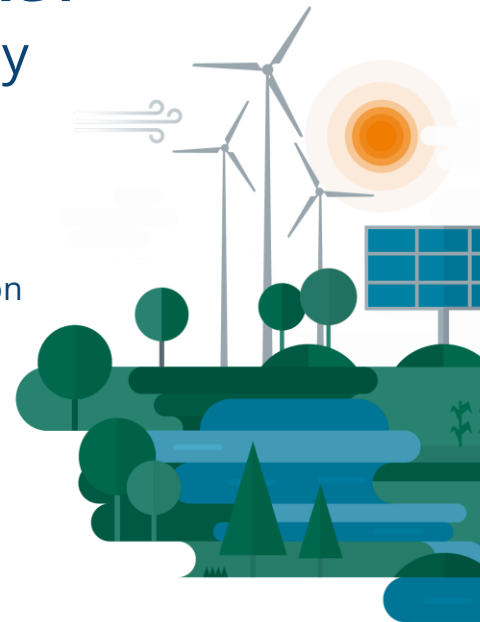
For conducting this study tour **GIZ** - as implementing organization of both BMWE financed programs in Egypt - also **joins forces** with the Federal German Energy Agency (**DENA**) bringing together their experiences on the connection between hydrogen and planning in the energy sector.

Objectives: The Hydrogen and Energy Planning Study Tour to Germany aims to:

#facilitate structured networking among key industry players in the hydrogen value chain and

#promote cross-regional learning from global H2Uppp projects, ultimately enhancing the understanding of hydrogen markets and potential in Egypt.

#Additionally, the tour includes sessions focused on energy system planning, providing insights into Germany's energy transition and infrastructure, while enriching participants' technical knowledge through expert matching and training.



Overview: Egyptian Delegation Institutions



The following list provides an overview and further details of the Study Tour delegation participants, their institutions/ companies and sectoral

Public Entities			
Entity	Role in Egypt's Energy Sector	Role in Energy Planning	Role in Green Hydrogen Production
Electricity Sector			
1. MoERE (Ministry of Electricity and Renewable Energy) <i>MoERE is the main official partner ministry of the Egyptian-German Green Hydrogen Partnership.</i>	Develops national electricity policies, oversees power generation, transmission, distribution, and renewable energy deployment.	Leads electricity sector planning, renewable energy targets, grid expansion, and integration of clean energy into the national energy mix.	Oversees renewable electricity supply for electrolyzers, supports green hydrogen policies, coordinates with investors and other ministries on hydrogen projects.
Delegate: Eng. Hassan Essameldin Hassan Aly, Director of the Technical, Follow-up Department, Minister of Electricity's Office			
Delegate: Eng. Mohamed Mounir Mahmoud Zaky Mohamed, Senior Electrical Engineer at Minister's technical Office			
2. EEHC (Egyptian Electricity Holding Company)	Owns and supervises Egypt's electricity generation, transmission, and distribution companies.	Coordinates national electricity infrastructure planning and utility investments.	Supports grid readiness, electricity supply, and coordination with hydrogen developers requiring renewable power.
Delegate: Ms. Marian Magdy Fouad Baky, Senior Chemist at the Environmental Project Management studies Sector			
Delegate: Eng. Hanan Mohamed Abdelrahman Elsayed Aboouf Negm, Technical Cooperation Engineer			
3. EETC (Egyptian Electricity Transmission Company)	Owns and operates Egypt's high-voltage transmission network.	Plans and expands the national transmission grid to accommodate growing demand and renewable generation.	Connects renewable energy plants supplying hydrogen facilities, manages grid integration and power transmission for hydrogen projects.
Delegate: Dr. Adel Aly Emary Salem, Operation Sectors Head			
Delegate: Eng. Ahmed Mohamed Ahmed Khalifa, Control General Manager			
4. EgyptERA - Egyptian Electric Utility & Consumer Protection Regulatory Agency	Regulates Egypt's electricity market, ensuring fair competition, service quality, and consumer protection.	Establishes regulatory frameworks for electricity market development and grid access.	Develops regulations for renewable electricity integration, licensing, and market rules that facilitate green hydrogen projects.

Delegate: Dr. Aly Mohamed Abdelfattah Olik, Executive Chairman			
Delegate: Eng. Ali Ahmed Ali Mohamed, Acting Head of Central Administration of Regulation and Market Monitoring, Egyptian Executive Manager of JCEE			
Gas & Oil Sector			
5. MoPMR (Ministry of Petroleum and Mineral Resources) <i>MoPMR is an official partner ministry of the Egyptian-German Green Hydrogen Partnership.</i>	Develops policies for Egypt's oil, natural gas, petrochemicals, and emerging hydrogen sectors.	Leads long-term planning for the petroleum and gas sectors and coordinates energy diversification strategies.	Co-leads Egypt's National Green Hydrogen Strategy, promotes investment, develops export infrastructure, and coordinates industrial-scale hydrogen projects.
Delegate: Eng. Ahmed Mohamed Khairat Abd Elhalim Mohamed Negm, Assistant General Manager – Operations Deputy / Egyptian Petrochemicals Holding Company (EICHEM)			
Delegate: Dr. Hossam Mohamed Sayed Ragheb, Senior Specialist – Sustainability Department			
Delegate: Eng. Mennatallah Mohammed Mahmoud Hussein Elsisi, Senior Engineer, Technical Office			
Other Sectors			
6. EPCU (Energy Planning Central Unit, Cabinet of Ministers)	Coordinates national energy planning across ministries and government agencies.	Develops integrated long-term energy strategies, demand forecasting, energy scenarios, and policy coordination across the electricity and petroleum sectors.	Coordinates national green hydrogen planning, aligns hydrogen development with Egypt's energy transition goals, supports inter-ministerial cooperation, and contributes to national hydrogen strategy development.
Delegate: Dr. Mohamed Abd El-Rahman El-Sayed Abd El-Rahman, Head of Energy Planning Unit			
7. Cabinet of Ministers, with National Council for Green Hydrogen and Derivatives	Coordinates Egypt's public-sector efforts to attract investment in green hydrogen/derivative products;	Monitors hydrogen strategy, policies and plans; reviews legislation, supports investment promotion	Hosts a technical secretariat to supports the Council's work.
Delegate: Dr. Karim Khairy Abdelfattah Shahin, National Projects Advisor and representative of the Technical Secretariat of Egypt's			
8. Sczone (Suez Canal Economic Zone)	Supports energy and industrial investment through its ports and industrial zones in Egypt, both at Red Sea and Mediterranean Sea	Provides land, infrastructure, and investment support for national energy projects.	Hosts and promotes green hydrogen projects by providing industrial sites, port facilities, and export infrastructure, making it Egypt's main hub for green hydrogen production and exports.
Delegate: Dr. Mohamed Aboeldahab Mohamed Aboeldahab, Green Economy General Manager			

Private Sector Entities	
Entity	Brief Company Description
INP Egypt LLC	INP Egypt is the branch for MENA region of INP International Projects with headquarters in Germany. INP is an engineering and project-services partner in the hydrogen sector, providing feasibility studies, system design, engineering, project management and implementation support for hydrogen production, storage, distribution and end-use projects.
Delegate: Eng. Alaa Mohamed Kamal Eldin Ali Hassan, Managing Director	
Enjaz Project Management (EPM)	Enjaz Project Management (EPM) is an Egyptian energy and heavy-industry project services company that can support clean-energy projects through project management, engineering, procurement, construction management and equipment/services.
Delegate: Eng. Omar Mohamed Nabih Youssef Shedid Ahmed Hamza, CEO	
Thyssenkrupp Uhde Egypt	thyssenkrupp Uhde Egypt provides engineering, technology and project-development expertise for green hydrogen projects, particularly by integrating renewable-powered electrolysis into green ammonia production and helping Egyptian industrial plants transition toward green hydrogen feedstocks.
Delegate: Eng. Ayman Hassan Mahmoud Sayed Elmaghly, Director of Business Development & Sales	
SES	SES provides renewable-energy solutions, including the development, engineering and operation of solar and other clean-energy projects.
Delegate: Ahmed Mohamed Naguib Ahmed Bakoush, CEO	
ECONXS & Vanguard	Econxs is an investment and infrastructure company that develops, finances and manages sustainable energy and infrastructure projects, including opportunities linked to the green hydrogen sector.
Delegate: Osama Mohamed Bekhit, CEO	
Delegate: Amr Ezzat Abdallah Elsayed, Energy unit manager	
German-Arab Chamber of Commerce and Industry (AHK)	The AHK connects companies, opens doors to new markets and offers valuable insights into the economic regions in North Africa, including Egypt. AHK in Egypt is also implementing partner for the Egyptian-German Green Hydrogen Partnership (GH2P) and for H2Uppp in Egypt, in particular involving private sector/industry in structured dialog and workshops on the GH2 market, project and value chain development.
Delegate: May Khattab, Climate Change and Sustainability Manager	

Energy Partners



Federal Ministry
for Economic Affairs
and Energy



Implementing organisation

giz

Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Further collaboration partners



Ministry of Petroleum
& Mineral Resources
Arab Republic of Egypt

