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MEPCON 2022

مؤتمر الشرق الأوسط لأوساط القوى الكهربائية

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Dr. Mostafa Madkour Bio

Founder and CEO of Madkour Group

Dr. Mostafa earned his B.Sc. and M.Sc. degrees in “Electrical Engineering & Machines” from Cairo University and Ph.D. degree in “Electrical Power & Machines” from New York University.

Dr. Mostafa is one of the most recognized figures in Energy sector with more than 35 years of experience in design, manage, and execute electrical and infrastructure mega projects including 20 years as the founder and CEO of market leading organization in energy and infrastructure turnkey projects and 17 years as the head of High Voltage department in Shaker Consultancy Office.

Under his leadership for the past 20 years, “Madkour Group” succeeded to achieve history full of mega projects in Egypt, Africa, and Middle East, including more than 1,500 MW of Thermal Generation plants, several substations, Solar Energy plants, Transmission projects, Water Desalination and Wastewater treatment projects.



Madkour Group

Madkour Group was established in 2003 and is currently one of the leading Egyptian Corporations that provides fully integrated energy and infrastructure solutions in Egypt, Africa, and The Africa, and The Middle East, with a proven track record of delivering diversified mega diversified mega projects, including electricity generation, renewable energy, transmission & distribution, substations, urban electricity networks, energy management, water & wastewater treatment, transportation solutions, special buildings, smart cities, and e-mobility.



Our portfolio today has four main divisions: **Madkour Projects, Madkour Research & Development, Madkour Utilities and Madkour Industries.**

Madkour Projects specialized in establishing mega energy and infrastructure projects on EPC basis and various financial schemes.

Prides itself on being instrumental in establishing a diversified range of complex energy and infrastructure projects including thermal generation plants, renewable energy, transmission & distribution, roads smart lighting, smart cities, water & wastewater treatment, construction, and transportation projects.

Madkour Research & Development invests in a highly capable young Egyptians to research and develop new patent technologies, integrated smart systems, prototypes for new innovative and green products and solutions.

Madkour Utilities is one of the market leaders licensed to manage, operate, maintain, distribute, and sell electricity and water in various Egyptian modern communities and smart cities.

Madkour Industries is a backward integration and synergistic expansion of our core business that complements our supply chain and supports our main divisions.

S P O N S O R S





Experts and Specialists in integrated solutions for scientific and laboratory equipment, workshops, training aids for Engineering Education, Industrial Training Centers, R&D Centers, Technical and Vocational Education Institutions, Technological Education, and Solutions of digital and interactive education and Industrial Automation Solutions.

The Company has high Qualified Engineers and Technicians

The Company has ISO 9001: 2015 Certificate.

Smart System Services are:

- Technical and Engineering Consultancy for Capacity Building and Skills development.
- Needs assessment
- Assistance in Curriculum Development
- Planning & designing for new labs & Workshops.
- Delivery, installation, Commissioning, Operation and Maintenance.
- Training on Operation, Experiments & Maintenance.
- Training of trainers (TOT)
- Training on Operation and Maintenance
- Manage Turnkey projects from scratch
- Technical support and after-sales services
- Support researchers and PhD Students

For more detailed: <http://www.smartsystems-eg.com>



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world real-time simulators, for companies, research institutes and universities.

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Whom OPAL-RT Serve:



OPAL-RT Technologies



OPAL-RT Products

R e a l - T i m e S i m u l a t o r s

- HIL Hardware-in-the-Loop simulation
- PHIL Power Hardware-in-the-Loop
- MIL Model-in-the-Loop
- RCP Rapid Control Prototyping





Vision

To be a major producer of low and medium voltage switchgear in the Middle East.

Mission

To fully cover the domestic market with a high quality Egyptian product, coupled with increasing the variety of products to provide markets that face scarcity; we aspire to be a great competitor in the international market



Vision:

To continue improving education in Egypt & MENA, bringing it in line with the latest worldwide technological and industrial standards.

Mission:

To provide top quality, innovative & cost-effective learning solutions to educational and vocational training sectors in Egypt in addition to providing non-stop after sales service to all our customers. This is realized through our qualified and experienced workforce as well as our international network of world-renowned business partners specializing in areas of education, didactic equipment & industry.

Values:

We value our company reputation, and we are proud of the integrity, sincerity and transparency we demonstrate every day. We thrive on our long withstanding culture of loyalty, cooperation & high performance which is daily demonstrated by our employees and continuously propagated through our organization from one generation to the next. Our customers are critical to our success, so we are driven to exceed our customers' expectations.

Services:

Espranza employs highly qualified staff enabling the company to provide the following unique set of services:

- Consultancy for providing educational and vocational training systems for undergraduates and postgraduates as well as R&D facilities in the industrial sector.
- Delivery, commissioning & installation of scientific equipment.
- After sales service & maintenance.
- Onsite & Overseas training for staff/students with our business partners
- Advice on curriculum development.
- Laboratory layout design.
- Special consultancy and supervision for turn-key projects



About us:

Lectro has manufactured and installed hundreds of thousands of meters of busducts for large and small projects since 1975, both for the domestic market and for exports around the globe.

The production takes place in a state-of-the-art facility, using latest generation precision techniques including NC, automation systems and robotics. Lectro products have been type tested by DEKRA laboratories of the Netherlands.

Lectro busduct systems contain high quality components and are trusted for their high safety factor and long life.

Vision:

We pride ourselves in delivering systems which exceed the expectations of our customers, both in terms of quality and in the level of customer service we provide.

Values:

Our company reputation is important to us, and we are proud of our integrity, sincerity, and transparency. Also, the high level of loyalty, cooperation, & performance shown by our team each day continuously propagates knowledge among our employees from one department to another generation after generation. And most importantly of all, we place a high priority on exceeding our customers' expectations because our business depends on them.

Services:

Busduct versus Cables and Trays

- Flexibility
 - Reusable
 - Expandable
- Efficiency
 - Cost savings
- Less space

Applications of busducts

- Multiple Loads.
- Vertical Riser.
- Service Entrance and Single Load