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**giz** Deutsche Gesellschaft  
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# Start Your Green Transition Today

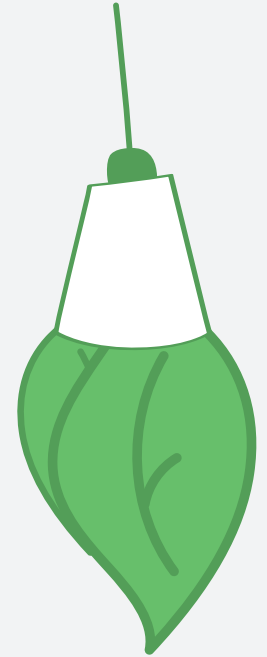
## Green Business Consultancies in Jordan



in cooperation with



# Welcome...



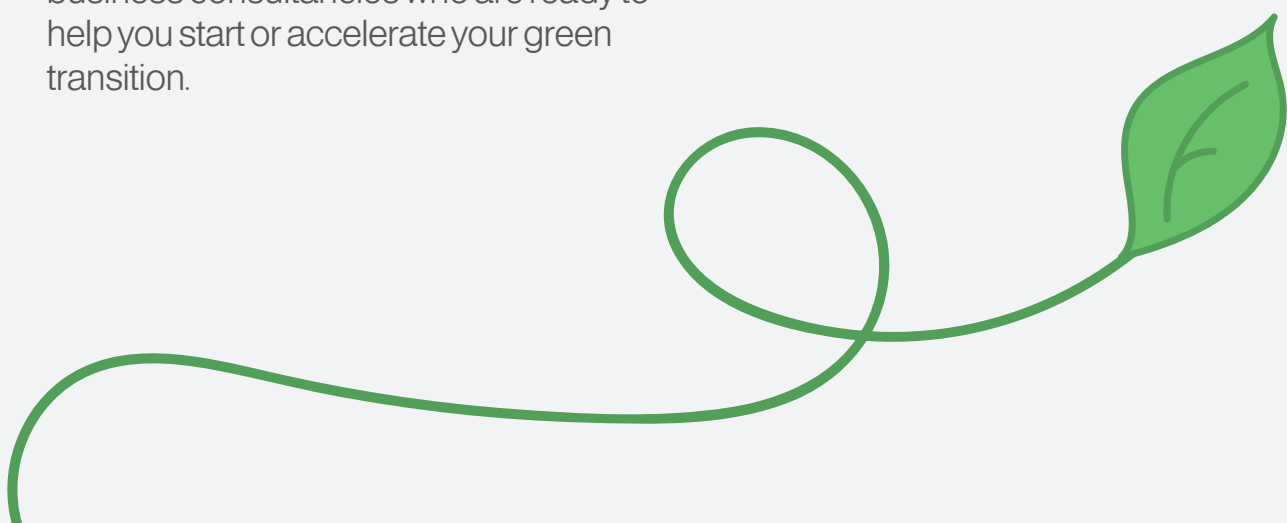
...to the Green Business Consultancies Booklet. It aims to support your industry's transition towards a more sustainable and resource-efficient way of producing.

High costs for energy and other resources coupled with market pressure are major challenges faced by industries across the globe, including in the Kingdom of Jordan. Manufacturers are seeking innovative and sustainable solutions to enhance resource efficiency, which will not just reduce your utility bills but also facilitate exports, increase competitiveness, and contribute to your business growth.

Jordanian consultancies working on the topics of water, waste, and energy efficiency (Green BDS consultancies) are your key partners to identify technical improvements. We understand that taking the first step can be challenging, which is why this booklet offers an overview of services and contacts of selected green business consultancies who are ready to help you start or accelerate your green transition.

This booklet is a product of the "Green Action in Enterprises" (GAIN) project, commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, working in cooperation with GFA Consulting Group/WEE Pros JO on strengthening the local green business consultancy market. The portrayed consultancies are engaged directly in this project, and it should be noted that others are available in the market. No other criteria have been applied to the below selection.

We strongly encourage you to take advantage of these services and work towards a greener, more sustainable future for your business and local community. We thank you for already taking today the first step by learning more about green consultancy services.



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Other Support Providers 40

1. Jordan Renewable Energy & Energy Efficiency Fund (JREEEF)
2. The Royal Scientific Society (RSS)
3. The Jordan Chamber of Industry (JCI)

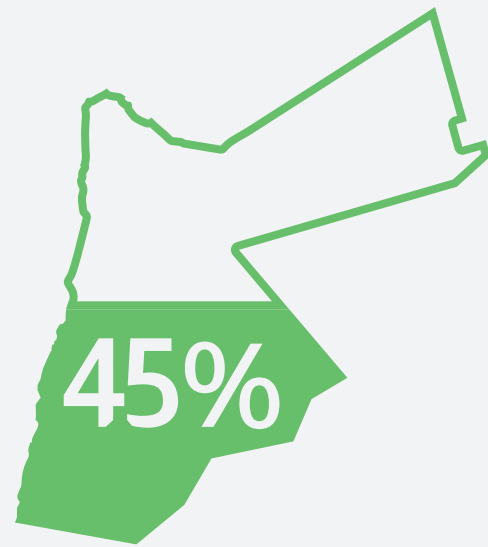
# Jordan's Industrial Sector

## Driving Economic Growth



### Contribution to GDP:

The industrial sector accounts for over 45% of Jordan's GDP, both directly and indirectly.



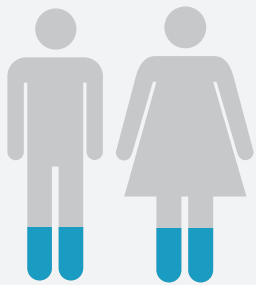
### Sub-Sectors:

The industrial sector is comprised of 10 sub-sectors, including chemical and cosmetic industries, catering, food, agricultural and livestock industries, leather and knitting industries, construction industries, medical industries and medical supplies, mining industries, packaging, paper, cardboard and office supplies industries, engineering, electrical and information technology industries, plastic and rubber industries, and wood and furniture industries.



## Production Value:

The sector has a total annual production value of 25 billion US dollars



# 25%

## Employment:

The industrial sector accounts for around 268,000 workers, constituting approximately 25% of the total workforce.

## Investment Potential:

The sector attracts 58.3% of the total investments

# 58.3%

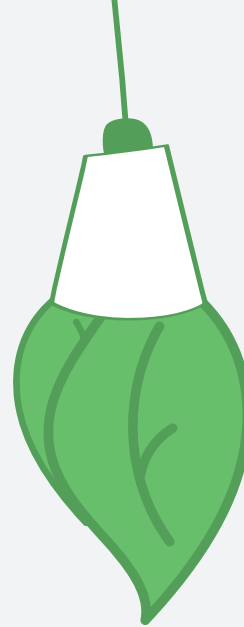


## Exports:

The industrial sector holds the highest national export percentage, accounting for 95% of the national exports, generating over 10.8 billion dollars by the end of 2022

Data Source: Jordan Chamber of Industry

# What are Green Services?



Turning more resource-efficient poses a significant challenge for businesses of all sizes and types, including finding the necessary technical expertise to design, implement, and monitor greener production..

This is why local consultancies offer green services which help businesses to transition towards more energy and water efficiency, waste reduction and management, sustainable sourcing, green product development, and more. The goal of these services is to help businesses reduce their environmental impact, save costs, increase competitiveness, and contribute to a greener future for all.

Most known for audit services, these may also include approaches such as Resource Efficient and Cleaner Production (RECP), aim to optimise resource use, reduce waste and emissions, and promote sustainable production.

By providing tailored and environmentally sound solutions, green business consultancies help businesses achieve their RECP goals, which can lead to cost savings, improved environmental compliance, and better working conditions. Overall, the combination of green business services and RECP is key to achieving sustainable development and reducing the environmental impact of industrial activities.



# Green Industry

## A Game Changer for You



The Green Economy offers exciting new opportunities for businesses in industry.

The Green Economy is an economic system that aims to promote sustainable development while reducing environmental risks. It is based on the principles of resource efficiency, social inclusiveness, and low-carbon development. Thereby, it seeks to achieve sustainable economic growth by creating green jobs, promoting clean technologies and renewable energy, and encouraging sustainable consumption and production practices. Moreover, it is a way to address global challenges such as climate change and biodiversity loss, while creating opportunities for economic development and social progress.

The manufacturing industry in Jordan can benefit greatly from the green transition. By adopting strategies such as circular economy principles, reducing environmental impact, and developing sustainable products and services, the industry can enhance its competitiveness while also contributing to economic development and prosperity.

The transition to a Green Economy in Jordan also presents several opportunities and growth potentials for the manufacturing industry, such as cost savings through energy-efficient technologies, investment opportunities in renewable energy, and access to international markets demanding sustainably produced goods and services. Additionally, the industry can contribute to job creation in the renewable energy sector, as for example outlined in the Jordan National Energy Strategy. Overall, embracing sustainability can differentiate the manufacturing industry from competitors and give it a competitive edge.





# Green Economy Transition in Jordan

## Potentials in Water, Energy, and Waste Management

The Green Economy transition in Jordan offers concrete savings and growth potentials for industry in several areas including water, energy, and waste management.

### **Water:**

The Green Economy transition in Jordan offers significant savings in water usage and contributes to the country's sustainable development goals.

By cutting water usage by one-fifth, Jordan can save 200 million m<sup>3</sup> of water, the equivalent to an annual water consumption of around 1.7 million Jordanian households.

This amount of water can also irrigate around 28,000 hectares of land or supply the industrial sector with water for several months.

## Energy Efficiency:

Jordan can reduce energy usage by one-fifth over the next 12 years through measures such as energy conservation, taxing excessive energy use, and using energy-efficient bulbs and devices in the industrial sector.

This can save US\$1 billion and create over 31,000 new jobs. According to a report by the International Renewable Energy Agency (IRENA), Jordan can save up to \$5.5 billion in energy costs by 2030 through the adoption of energy-efficient technologies.

Additionally, investing in renewable energy projects can lead to low-interest loans and tax exemptions for businesses.



## Waste Management:

The government has committed to shifting towards a modern, integrated waste management system based on the "Reduce-Reuse-Recycle" approach by 2034.

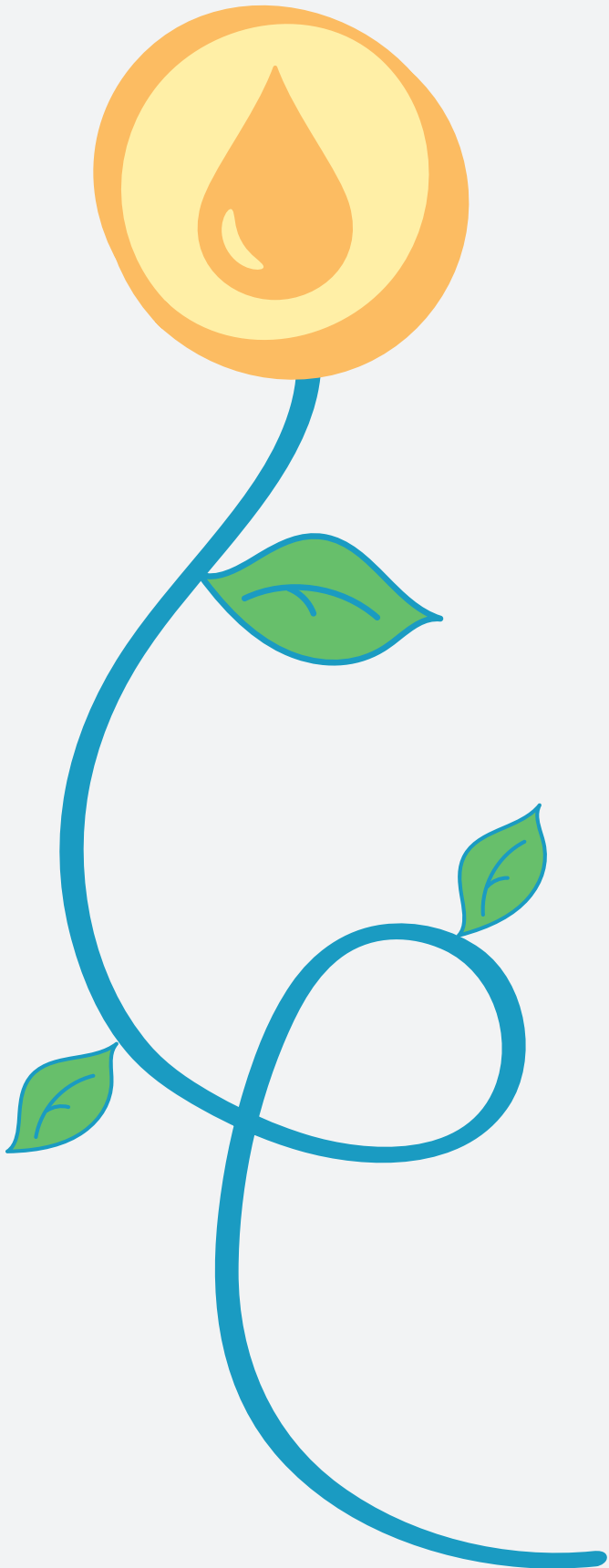
Waste management is an area with significant potential, and the creation of fiscal incentives and business development services could help encourage market development in the circular economy.



# Green Business Consultancies

The below overview comprises portfolios of consultancies that offer green business services. Please note that this list does not claim to be complete or a judgement on quality but rather a selection of those consultancies currently cooperating with the GIZ-implemented GAIN project.







## Contact

-  <https://www.daralomran.com/>
-  [info@daralomran.com](mailto:info@daralomran.com)
-  +962 6 5681000
-  (29) Ibrahim Al Khaledi Street,  
P.O.Box 942365-Amman-11194-Jordan

DAR AL-OMRAN is an engineering consulting company specialized in infrastructure development, environmental studies, and cultural heritage & urbanization. It was established in 1979, and in 2007, DAR AL-OMRAN Infrastructure & Environment became an independent company.

## Services

Tailored and environmentally sound infrastructure designs

Cutting-edge solutions for large integrated development, infrastructure, and environment projects

Water supply and wastewater management services

Environment-related services, auditing and assessment (Solid Waste Management, Renewable Energy, Climate Change)

Integrated development services, including physical planning

Sustainable infrastructure solutions

Urban and cultural heritage development services

## Certifications

Classification Certificate for Technical Service Provider (Water and sewage, Roads, Environment)

ISO 9001:2015 for Study, Design and Supervision of Infrastructure and Environmental Projects

Ministry of Public Works and Housing Award for Consultancy Services in Water and Sanitation for the year 2014



## Awards

Ministry of Public Works and Housing Award for Consultancy Services in Water and Sanitation for the year 2018.





## Key projects

- |      |             |  |
|------|-------------|--|
| Year | <b>2001</b> | <b>Waste Management Plan for Al-Bashir Hospital</b><br>Client: Ministry of Health  |
| Year | <b>2006</b> | <b>Environmental Audits of Olive Oil Mills and their Complementary Industries</b><br>Client: Ministry of Environment   |
| Year | <b>2008</b> | <b>Environmental Management and Monitoring Services for Queen Alia International Airport Construction Project in Jordan</b><br>Client: Airport International Group (AIG) |
| Year | <b>2011</b> | <b>Strategic Environmental Assessment for the Arab Railway Network</b><br>Client: Arab Fund for Economic and Social Development  |
| Year | <b>2006</b> | <b>Environmental Impact Assessment for Automobile Assembly Plant</b><br>Client: Ayass Motors Co  |

# The Development Dimension for Environment and Disaster Risk Reduction (Dimetric)



## Contact

-  <https://dimetric.net/>
-  [info@dimetric.net](mailto:info@dimetric.net)
-  +962775210000
-  30 Kabul street, Al Rabieh, Amman, Jordan

The Development Dimension for Environment and Disaster Risk Reduction is a regional specialized company established to provide comprehensive expertise of high-tech professionals and trainers in social development, environment management, and disaster risk prevention and reduction within emergency and sustainable development contexts.

## Services

- Environment Management
- Water and Solid Waste Management & Solutions
- Technical Services
- Climate Change Adaptation
- Project Management and Implementation
- Monitoring & Evaluation
- Assess & Training Management

## Certifications

ISO 9001



## Awards

NA

## Key projects

Year	<b>2022</b>	<b>Preparation of Local Solid Waste Management Plans (LSWMP) for Eight Municipalities in Jordan</b>  Eight southern municipalities; Kfarat, Al Safawi, Al Baslieh, Rehab, Manshyet Bani Hasan, Um Al-Qotain, Bani Hashem and Hosha
Year	<b>2020</b>	<b>Municipal Business Continuity Contingency Plan (MBCCP)</b>  Client: Ministry of Local Administration
Year	<b>2021</b>	<b>National Environment Strategy – “Jordan’s Environment 2030”// Developing an Effective Mechanism for the Review, Update and Implementation of the NDCs of the Hashemite Kingdom of Jordan</b>  Client: Client:Ministry of Environment
Year	<b>2022</b>	<b>4- Climate and Resource Protection through Circular Economy (CIRCLE)</b>  Client: Umwelt – Projekt Management, Gesellschaft für Internationale Zusammenarbeit (GIZ)



# Green Path Solution



## Contact

-  [www.greenpathsol.com](http://www.greenpathsol.com)
-  [Info@greenpathsol.com](mailto:Info@greenpathsol.com)
-  +962792991860
-  (89) Compu Jordan Complex, Wasfi Al Tal St, 11953 Amman, Jordan

Green Path Solution Green Path Solution for Water, Energy and Environment is a reputable organization established in 2018 that offers sustainable solutions in Energy, Water, Resources, and Environment and Water Treatment projects design and implementation for industrial, residential, commercial, water and agricultural sectors, and for private and public companies, in addition to providing training and consultation for obtaining ISO certification.

## Services

Sustainable solutions in Energy, Water, Resources, and Environment.

Energy, Water, Resource efficiency, Waste Reduction Audits.

Consultation and training in project management, ISO certification, i.e ISO 9001, FSSC 22000, ISO 45001, ISO 14001, ISO 50001, ISO 46001, ISO 20400.22000, ISO 14001, ISO 45001, IOS 50001, ISO 46001, ISO 20400.

Design & implementation of water treatment, and clean energy EPC projects.

Operation & Maintenance, Testing and Commissioning for different types of facilities

## Certifications

Certified Energy Management- AEE.

Certified Water Efficiency Professional-AEE.

Certified Measurement & Verification Professional-AEE

Certified Consultant Engineer - Jordan Engineer Association (JEA).

Resource Efficiency Exper - UNIDO

Project Management Professional - PMI.

Green Building Certificates - LEED & EDGE.



الممر الأخضر  
Green Path



## Awards

NA


## Key projects

Year	<b>2018</b>	<b>Assessing O&amp;M practices and enhancing energy &amp; water efficiency for water desalination plants and wells in collaboration with ACWA Power.</b>  Client: King Khalid International Airport
Year	<b>2019</b>	<b>Enhancing Pump Operations and Energy Efficiency for public water companies funded by KFW</b>  .Client: WAJ - Miyahuna & Yarmouk Water Companies
Year	<b>2020</b>	<b>Resource efficiency assessment and implementation for 3 food and beverages factories in partnership with UNIDO &amp; RSS</b>  Client: Al Wadi Meat Processing, Anabtawi Sweets, & .Haritna Dairy Factories
Year	<b>2022</b>	<b>Energy and water efficiency assessment and implementation for for 3 hotels in partnership with UNDP &amp; JREEEF</b>  Client: Days Inn, Mina, Dweik, & Nairoukh Hotels
Year	<b>2023</b>	<b>Energy and water efficiency assessment and implementation for 6 food, beverages and packaging factories in collaboration with GIZ, GFA and CEWAS</b>  Client: Sama Food, Crown Cans, Anabtawi Sweets, Al Youm Dairy, Kheirat Al Shamal Poultry, and Safe Techno Plast.

# interdisciplinary research consultants (id:rc)



## Contact

-  <https://www.idrc-jo.com/>
-  [idrc@idrc-jo.com](mailto:idrc@idrc-jo.com)
-  +96265517225
-  P.O.Box 13304, Amman 11942 Jordan

interdisciplinary research consultants (id:rc) is a research consulting company established in 2003 with offices in Jordan, Iraq, and the United States. id:rc provides high-quality consulting services to governmental and private sector organizations.

## Services

Social and socioeconomic studies, feasibility studies, economic development, public and private sector development, and project implementation

Natural resources and environment, including water and sanitation, energy and renewables, transportation, logistics, and trade facilitation, and agriculture and rural development

Management consulting, information and knowledge management, monitoring and evaluation (M&E), third-party monitoring, surveys, and data analysis

Green initiative, including environmental assessments, compliance studies, policies, and training, and stakeholder engagement.

## Certifications

NA



## Awards

NA




## Key projects

- |      |                          |  |
|------|--------------------------|--|
| Year | <b>2016</b><br>- Present | <b>Water Innovations Technology (WIT) Project: Promoting Water Conservation in Jordan</b><br><br>Client: USAID   |
| Year | <b>2016</b>              | <b>Development of Manual of Operations for the Highland Water Fund</b><br><br>Client: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH |
| Year | <b>2023</b><br>- Present | <b>Aqaba Transport and Value Chain Assessment</b><br><br>Client: Aqaba Development Corporation   |
| Year | <b>2023</b>              | <b>Evaluation of Jordan GBC's Projects for the Green Built Environment</b><br><br>Client: Jordan Green Building Council (JordanGBC)                      |
| Year | <b>2016</b>              | <b>Development of Manual of Operations for the Highland Water Forum</b><br><br>Client: The Ministry of Water and Irrigation                              |

# Mustafa Al-Jaar Establishment for Consultations (MAEC)



## Contact

-  Jaarest@gmail.com
-  +962 79 557 52 18
-  Al-Kesswani Complex (No. 211), 1st Floor,  
Al-Youbeel Sq. (Al-Waha Circle)  
11821 P.O. Box: 844 Amman- Jordan

Mustafa Al-Jaar Establishment for Consultations (MAEC) is a green business development company established in 1999 that has been providing environmental consultancy services to local and international authorities, organizations, agencies and industrial enterprises. They specialize in waste policies, solid waste management, waste recycling, appraisal missions, route planning, Extended Producer Responsibility, treatment of wastewater, and production of biogas. They also have experience in electronic waste management and treatment, energy efficiency in buildings, evaluation of data, desk review, expertise planning, feasibility studies and project management. They use modern hard- and software equipment for high effectiveness of all their work.

## Services

- Solid Waste Management
- Waste Recycling and Sorting at Source
- Extended Producer Responsibility
- Capacity Building
- Gas extraction and utilization from landfill sites
- Energy Efficiency
- Wastewater Treatment

## Certifications

Registered at Jordanian Ministry of Industry and Commerce under the indents. No.113485

Registered at the Jordanian Engineering Association (JEA) and classified as Environmental office, class A.



## Awards

NA


## Key projects

- |      |             |  |
|------|-------------|--|
| Year | <b>2023</b> | <b>Enhancing Industrial Wastewater Management in the Jordanian industrial sector</b><br><br>Client: GIZ  |
| Year | <b>2023</b> | <b>Improvement and maintenance of the waste fleet management by knowledge transfer and training the technical staff in Petra Development and Tourism Regional Authority.</b><br><br>Client: Petra Development and Tourism Regional Authority |
| Year | <b>2022</b> | <b>Improvement of Resource and Energy Efficiency in the industrial sector in Jordan</b><br><br>Client: KFW DEG   |
| Year | <b>2022</b> | <b>Improvement of Resource and Energy Efficiency in Industrial sector in Jordan</b><br><br>Client: KFW   |

# Minerva for Engineering Studies & Consulting




## Contact

 [www.MinervaESC.com](http://www.MinervaESC.com)

 [info@MinervaESC.com](mailto:info@MinervaESC.com)

 +96279555140

 1Khaleel Aasalem St. PO. Box 293,  
Amman Amman, 11822, Jordan

Minerva for Engineering Studies & Consulting is an environmentally conscious engineering consultancy service established in 2017 with a diverse and experienced staff.

## Services

Engineering consultancy services

Water and hydraulic engineering

Green infrastructure and sustainability

Green-built environment

Renewable energy and energy efficiency

Disaster risk assessment and climate change

Monitoring and auditing of energy projects

Policy and advocacy services

Training and solid waste management

## Certifications

Jordan Engineers Association Registration



## Awards

NA

## Key projects

- |      |             |   |
|------|-------------|---|
| Year | <b>2017</b> | <b>Feasibility Study for the Climate Change Adaptation, and Water Project</b><br>Client: Awareness Center for Disaster Risk Reduction in Jerash                                       |
| Year | <b>2020</b> | <b>Energy, Water, and Waste Audit Services</b><br>Client: The Embassy of Canada to Jordan in Amman  |
| Year | <b>2023</b> | <b>Plastic Waste Reduction Plan</b><br>Client: The Embassy of Canada to Jordan in Amman   |
|      |             | <b>Design Prevention and Control Measures of Soil Erosion and Sediments Accumulation in Ziglab Dam Area Project</b><br>(Client: International Union for Conservation of Nature (IUCN) |



# Nabil Ayoub Wakileh & Co (Wakileh Contracting)



## Contact

-  [www.wakileh.co/](http://www.wakileh.co/)
-  [info@wakileh.co](mailto:info@wakileh.co)
-  +96264650574
-  12, Kulliat Al Shareea Str., Jabal Weibdeh  
P.O.Box 9933 Amman 11191 Jordan

Established in 1991, Nabil Ayoub Wakileh & Co (Wakileh Contracting) is a Green Business Development Service Provider that specializes in Decentralized Wastewater Treatment (DWWT) and Rainwater Harvesting System.

## Services

Feasibility studies and design works for wastewater treatment projects

Turnkey projects that involve site investigation, design, construction, and installation of electromechanical and instrumentation components

Operation and maintenance services for wastewater treatment facilities, including remote monitoring systems and SCADA

Research and development to continuously improve wastewater treatment technologies

Training courses on various wastewater treatment topics

## Certifications

Classification Certificate for Construction Contractors in the following specializations: wastewater and drinking water treatment plants, mechanics, buildings construction, water and sewage



## Awards

NA





## Key projects

- |      |             |  |
|------|-------------|--|
| Year | <b>2020</b> | <b>Wastewater, Grey Water Treatment and WASH in Schools</b><br>Client: the Ministry of Education in Jordan             |
| Year | <b>2019</b> | <b>Solid waste transfer stations in Municipality of Irbid</b><br>Client: Irbid Municipality                            |
| Year | <b>2015</b> | <b>Wastewater treatment plant at PSD's headquarters in Mogablane area</b><br>(Client: Public Security Department (PSD) |
| Year | <b>2018</b> | <b>Several pilot wastewater treatment plants at Balqa Region</b><br>Client: Public and private sector                  |

# Al Manhal Renewable Energy (MRE)



## Contact

-  [www.al-manhal.com](http://www.al-manhal.com)
-  [info@al-manhal.com](mailto:info@al-manhal.com)
-  +96265604100
-  Al-Fareed Commercial Center, Abdali, Amman, Jordan P.O. Box 926395 Amman 11190

Al Manhal Renewable Energy is an EPC company based in Jordan and part of the Al Manhal group since 1990. MRE was founded in 2014 and has a large customer base including government, military, and private companies.

## Services

**Power Generation:** UPS & battery systems, power generators, batteries, power monitoring, energy audit, and data center solutions.

**Renewable Energy:** Solar systems, wind energy, and biogas energy solutions.

**Data Protection:** Hardware security modules, cryptography, access management and authentication, network security and management, and PKI solutions.

## Certifications

Classification Certificate (A) in supply, test, installation, maintenance and operating in the renewable energy plants.

Classification Certificate in Energy auditing services by the Ministry of Energy and Mineral Resources, 2019.

Eaton Power Advantage Partner Certificate

Eaton Authorized Service Provider

Accredited Tier Designer

Certified Energy Manager

Pan Arab Certified Energy Management Professiona



## Awards

NA





## Key projects

Year	<b>2022</b>	<b>Energy Auditing</b> Client: Days Inn Hotel
Year	<b>2018</b>	<b>UPS system in financial sector</b> Clients: Islamic International Arab Bank (210 kVA)
	<b>2021</b>	ABC Bank (200 kVA)
	<b>2022</b>	AJIB- Arab Jordan investment bank (100 kVA)
Year	<b>2022</b>	<b>UPS systems in medical sector</b> Clients: Sara Saudi Hospital (420 kVA)
	<b>2021</b>	Irbid Specialist Hospital (612 kVA)

# Cambridge Engineering Consultants



## Contact

 <https://cambridge-cec.com/>  
 [ahmad.hamdan@cambridge-cec.com](mailto:ahmad.hamdan@cambridge-cec.com)  
 +962065233822  
 115 Queen Rania al abdulla st ,Suite No.  
202 P.O Box 961323.11196 Amman

Established in 2017 Cambridge Engineering Consultants is an engineering consultancy firm in Jordan that offers a range of integrated services related to design, management, and specialized studies.

## Services

MEP Engineering Design and Consultancy Services.

BIM Modeling in 3D and 4D.

Energy Management Services.

LEED Consultants.

Energy Modeling.

Energy and Water Auditing Services.

Implementation of Energy and Water Management Programs.

Power Quality Solutions.

Carbon Footprint Reporting.

Energy Forecasting Services to Predict Future Energy Needs.

Conducting Measurement and Verification Procedures to Prove Savings.

Designing, Supplying, and Supervising the Installation of PV Systems.

## Certifications

Classification Certificate engineering consultancy office by the Jordanian Engineers Association, 2018

Classification Certificate in supply, test, installation, maintenance and operating in the renewable energy plants, by the Ministry of Energy and Mineral Resources 2018

Classification Certificate in Energy auditing services by the Ministry of Energy and Mineral Resources, 2018.

Classification Certificate LEED Consultants by the UGBCI, 2018

ISO 9001:2015



AEE Certified Energy Manager

AEE Certified Energy Auditor

AEE Business Energy Professional

AEE Certified Building Commissioning Professional

AEE Certified Measurement & Verification Professional

AEE Carbon Reduction Manager

JEA Photovoltaic System Professional

JEA Certified Program in Renewable Energy

## Awards

NA





## Key projects

Year	<b>2023</b>	<b>Energy Audit Project for Al Kasih Food Production company</b> Client: Kasih Food Production Company
Year	<b>2019</b>	<b>Energy Audit of Intermediate Petrochemical Industries in Zarqa</b> Client: Intermediate Petrochemical Industries (IPI)
Year	<b>2018</b>	<b>Energy Audit for Amazon Offices</b> Client: Amazon
Year	<b>2020</b>	<b>Energy Audit and Green Building Certification</b> Client: Greater Irbid Municipality

# Eco Engineering & Energy Solution (ECOSOL)



## Contact

-  [www.ecosol-int.com](http://www.ecosol-int.com)
-  [Info@ecosol-int.com](mailto:Info@ecosol-int.com)
-  +96265330070
-  28 Khaleel Al-Salem Street - Tla' Al Ali  
P. O. Box 3984, Amman 11953 Jordan

Eco Engineering & Energy Solution (EcoSol) is an Energy Services Company based in Jordan with active operations in Saudi Arabia and Qatar. Established in 2009, they offer services to help governments, developers, industries, and organizations achieve sustainable growth.

## Services

Energy Audits

Water Audits

Measurements and Verification (M&V) of Energy Savings

Design and Installation of Solar PV Systems

Consultancy, Technical and Feasibility Studies of Solar and Renewable Energy Systems

Implementation of Energy Saving Programs

ISO 50001 Energy Management Systems

HVAC Systems Performance Assessment

High Efficiency Lighting Systems

Power Quality Studies and Solutions

Green Buildings Consultancy and LEED/EDGE and Jordanian Green Buildings System Certifications

National Energy and Water Efficiency Programs and

## Certifications

Certified Energy Managers (CEM), Association of Energy Engineers (AEE, USA)

Renewable Energy Professional (REP, AEE)

Certified Lighting Efficiency Professional (CLEP, AEE)

Certified Measurement and Verification Professional (CMVP, AEE)

Certified Planning and Design for PV Plants

Certified Energy Auditor Leadership in Energy and Environmental Design Accredited Professional (LEED AP)



EDGE Expert

ECOSOL has the following certificates:

Accredited Energy Service Provider (ESP) by the Ministry of Energy Mineral Resources (MEMR) to implement Energy Management Programs

“A” Level approved Solar PV services provider by Energy and Minerals Regulatory Commission (EMRC)

US Green Building Council (USGBC) Member – Green Buildings Certification (LEED) service provider

## Awards

Eng. Amjad Alkam received the Energy Manager of the Year – Middle East Award by Association of Energy Engineers, USA,

## Key projects

Year	<b>2023</b>	<b>Water audit for Kempinski Hotel, Aqaba</b> Client: Kempinski Hotel
Year	<b>2021</b>	<b>Design, Supply and Installation of Solar PV for 19 Mosques in Jordan</b> Client: Ministry of Awqaf
Year	<b>2020</b>	<b>Energy Audit</b> Client: Hikma Pharmaceuticals
Year	<b>2023</b>	<b>Targeted Energy Audit</b> Client: Jordan Silos and Supply General



# Energy & Environmental Solutions Co.(ETA-Max)



## Contact

-  <https://eta-max.com/>
-  [info@eta-max.com](mailto:info@eta-max.com)
-  +96265850770
-  Hussaini Building - Office No.413,  
Zahrán St. 7th Circle

ETA-max for Energy & Environmental Solutions Co. is a regional leader in Solar Photovoltaic (PV) systems & Energy Auditing Services which was established in 2011, with over 40 MW of installed capacity. PV systems provide safe, reliable, maintenance-free, and environment-friendly sources of power with a typical life cycle of 25 years.

## Services

Designing, supplying and supervising the installation of PV systems.

Testing & Commissioning, corrective and preventive maintenance & Cleaning Services for PV system.

Energy Auditing Service for C&I sector.

## Certifications

Eta-max's team has the following certificates:

Certified Energy Manager

Certified Business Energy Professional

Certified Measurement and Verification Professional

Certified Design for PV Plants

Eta-max has the following certificates:

Accredited Energy Service Provider (ESP) by the Ministry of Energy Mineral Resources (MEMR) to implement Energy Auditing Service Class (C).

Accredited Energy Service Provider (ESP) by the Ministry of Energy Mineral Resources (MEMR) to implement Solar PV systems Class (A).

CESA Accreditation for PV Systems with capacity 0-125 KWp

CESA Accreditation for PV Systems with capacity 100 KWp-2.5 MWp

ISO 9001:2015 for Design, Supply, Installation, Commissioning, Maintenance & Testing of Renewable Energy Systems and Energy Auditing Services



## Awards

2016 AEE Best Innovative Energy Project for the ME Region.





## Key projects

Year	<b>2020</b>	<b>PV project for Hammoude Cold Store</b> Client: Hammoude Cold Store
Year	<b>2018</b>	<b>Energy consultancy for EDGE Certification</b> Client: King Hussein Business Park
Year	<b>2015</b>	<b>Energy audit for Hikma Pharmaceutical Industries</b> Client: Hikma Pharmaceutical Industries
		<b>PV project for Social Security Corporation (Amman)</b> Client: Social Security Corporation (Amman)

# National Energy Solutions (Mahatta Energy)



## Contact

-  [www.mahattaenergy.com](http://www.mahattaenergy.com)
-  [info@mahattaenergy.com](mailto:info@mahattaenergy.com)
-  +962665627744
-  Tannous Commercial Complex, #306, Al-Mawaddah St., Amman 11183

Established in 2016, National Energy Solutions Co. specializes in resource efficiency, solid waste audits, energy management, conservation, efficiency, and building sustainability.

## Services

- Decarbonization Services for industrial sector
- Solid Waste Audit and Management Services
- Solar PV system installation including net-metering, car-parking and rooftop
- Energy audit services and aiding in ISO 50,001 qualification
- Resource efficiency experts SwitchMed / UNIDO
- Green Building and green Built environment expertise

## Certifications

- Certified Waste Managers level International - ISWA
- Leadership in energy and environmental design LEED GA 24
- Certified Pearl Qualified Professionals - Urban Council UAE
- Certified Energy Managers - AEE
- Certified Energy Auditors - AEE
- Certified Measurement and Verification Professional - ACC
- EMRC solar EPC License, MEMR energy audit License
- Certified Passive House Designer – Passive House institute



## Awards

NA

## Key projects

Year **2023** **Solar PV system installation Car park 2 MW and 1 MW rooftop**  
Client: Siniora Foods, Anabtawi Sweets, and Omni Trade.

Year **2021** **Solid Waste Audit**  
Client: Canadian Embassy Amman


Year **2022** **Resource efficiency, comprehensive energy audit and qualification for ISO 50001**  
Client: Siniora Foods, Anabtawi Sweets, and Omni Trade.

Year **2020** **Solar PV system at Petra Engineering Industries Co. in Mafraq**  
Client: Petra Engineering Industries Co.

# Izzat Marji Group



## Contact

-  [www.marji.jo/](http://www.marji.jo/)
-  [info@marji.jo](mailto:info@marji.jo)
-  +96265500022
-  #163, King Abdullah II Street, P. O. Box. 1945, Amman 11821, Jordan

Izzat Marji Group was established in 1985 and has since expanded to offer renewable energy and energy efficiency solutions such as HVAC, Sanitary Supplies, Fixing systems and power tools, in addition to Renewable Energy & Energy Efficiency services.

## Services

- Energy Audit
- ISO 50001-Development of an energy management system (EnMS)
- EE Design Audit
- Green Buildings
- Solar PV
- Energy Modeling
- Daylight Simulation
- Thermal Imaging
- Shared savings Contracts
- Commissioning

## Certifications

The company's team has the following certificates:

- LEED Accredited Professional
- Certified Energy Managers
- Renewable Energy Professionals
- Certified Energy Auditors
- Certified Measurement & Verification Professionals
- Certified Lighting Efficiency Professional
- Certified Building Commissioning Professional
- Certified Infrared IR Thermographer



## Awards

Energy Globe National Award (2019)

ISO 9001

Leadership in energy and Environmental Design – LEED Platinum

Jordan Green Building Guide – Level A

Emirates Energy Award

Middle East Region Innovative Energy Project of the Year Award for 2019 by

Association of energy Engineers (AEE)

National Energy Globe winner of Jordan by Energy Globe Foundation

Green Commercial Building of the Year 2019 MENA Green Building Awards by Emirates

Green Building Council and endorsed by World Green Building Council

## Key projects

Year **2023** **LEED Consultancy, Energy Modelling and New Construction for King Hussein Cancer Center (Aqaba)**  
Client: King Hussein Cancer Center (Aqaba)

Year **2022** **LEED Consultancy, Energy Modelling, New Construction for Ahli Bank's Office Building**  
Client: Ahli Bank





Year **2022** **Free Field PV, 700 kW**  
Client: International Pharmaceutical Research Center

**4- LEED Consultancy, for Ahliyyah & Mutran School Campus**  
Client: Ahliyyah & Mutran School Campus

# Sunray Corporation for Energy Saving Systems



## Contact

-  [www.sun-ray-solutions.com](http://www.sun-ray-solutions.com)
-  [info@sun-ray-solutions.com](mailto:info@sun-ray-solutions.com)
-  +96265064848
-  Office 404, Building 72, Wasfi Tal street  
– Amman – Jordan

Established in 2014, Sunray Corporation for Energy Saving Systems is a leading Energy, Water efficiency, environmental solutions provider, and EPC company in Renewable Energy in the Middle East.

## Services

- Renewable Energy Systems
- Solar Thermal Systems
- Energy Management and Saving Solutions for all types of projects
- Energy Management & Audit
- Solar Energy and Pumping Solutions
- Wind Energy Solutions
- Water Efficiency Solutions
- EV Charging Solutions

## Certifications

CEM, CEA, CBCP, PMP, CEMP



## Awards

NA

## Key projects

- |      |             |   |
|------|-------------|---|
| Year | <b>2021</b> | <b>Solar System Installation for Irbid Health Center</b><br>Client: UNRWA   |
| Year | <b>2019</b> | <b>Solar System Installation for Ajloun Nature Reservation</b><br>Client: Royal Society For Conservation Of Nature (RSCN) |
| Year | <b>2017</b> | <b>Solar System Installation for Jopetrol Gas Station</b><br>Client: Jopetrol Gas Station - Jordan                        |
| Year | <b>2020</b> | <b>Off-Grid System Installation for Al-Azzraq Refugee Camp</b><br>Client: World Vision International                      |



## Other Support Providers



### Jordan Renewable Energy & Energy Efficiency Fund (JREEEF)

JREEEF is a fund established in 2012 by the EE and RE law 13 to provide necessary funding for EE and RE measures at the end-user's level, and it became operational in 2015 after the promulgation of bylaw 49 of 2015. It supports any program and financial mechanism allowing RE and EE users to access financing from banks, local and international financial institutions. JREEEF promotes the use of renewable energy and rationalizes energy consumption to improve energy efficiency in various sectors. It provides financial resources and technical assistance to energy users and renewable energy and energy efficiency project developers. JREEEF formulated several of its regulatory policies, including a gender policy, an evaluation policy, an environmental and social policy, and a data policy. JREEEF has the objective of rationalizing energy consumption and improving energy efficiency in all sectors, developing local energy sources through the exploitation of various renewable energy sources.



### The Royal Scientific Society (RSS)

The Royal Scientific Society (RSS) is a research institution in Jordan founded in 1970 with the aim of being the knowledge leader for science and technology. It is the largest applied research institution, consultancy, and technical support service provider in Jordan and has over 500 science specialists, researchers, technical support staff, management, and faculty. The RSS provides expert testing services through 38 specialized laboratories and has several sectors, including standards and technology, research and development, ICT for development, and science engagement.



### The Jordan Chamber of Industry (JCI)

The Jordan Chamber of Industry (JCI) was established in 2005 to increase the competitiveness of Jordan's industry sector on four working levels. It represents the interests and promotes the coordination of local chambers of industry to improve the economic position of Jordan regionally and globally, enhance the competitiveness of Jordanian industry, and become one of the pioneering chambers in the region. The JCI plays a crucial role in supporting and promoting the growth and competitiveness of the industrial sector in Jordan, which contributes significantly to its economy, accounting for 25.5% of GDP in 2020.

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