

# Zaidoun Ibrahim El Qasem

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Amman - Jordan

## Executive Summary

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Over 25+ years of experience in the Civil Engineering and Environmental Management profession, working in municipal services, infrastructure planning, and urban development fields, managing multi-million projects financed by international donors, with extensive advisory experience in Community-driven projects planning, green business planning, sustainable development, solid waste management, energy efficiency, and city climate planning.

Conducted many facilitation and moderation activities for several international forums and actively participated in several organizations boards' as a non-executive member.

## Key Skills and Areas of Experience

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- Monitoring & Evaluation
- Strategic planning
- Solid Waste Management
- Climate Change
- Energy efficiency
- Project Management and Facilitation
- Urban planning
- Sustainable development
- Feasibility studies & Business planning
- Resilience and crises management

## Education

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- **University of Jordan** **2004 – 2006**  
Master of Environmental Sciences and Management
- **Bucharest University, Faculty of Civil Engineering** **1975 – 1981**  
Master of Science in the Construction of Civil, Industrial and Agricultural Buildings.

## Technical Experience

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### GIZ - Deutsche Gesellschaft für Internationale Zusammenarbeit

**National Environmental Expert**

**Jan 2023 - Present**

#### **Seconded to the Ministry of Industry and Trade | Industrial Development Fund**

- Assigned as the National Environmental Expert within the Green Action in Enterprises (GAIN project) providing the required technical support to the Industrial Development Fund Management Unit at the Ministry of Industry and Trade; funded by the World Bank.
- Support in forming and developing the Project Operation Manual and the relevant action plans in addition to integrating the environmental aspects and incorporating the relevant key performance indicators along with benchmarks and best practices that ensures promoting of resource efficiency and clean production.
- Support developing the labor management procedures document for guiding the implementation of project activities that ensure workers will be managed in accordance with the requirements of national labor laws and the World Bank's Environmental and Social Standard.

- Support in designing and piloting an outcome -based evaluation criteria for the incentive program.
- Assigned as the chairman of the technical evaluation committee for the requests received at the first phase; supporting the Fund Management Unit in compiling the results to select the eligible companies for the incentive program in coordination with the technical verification agency.

### DAR AL OMRAN , Infrastructure & Environment Co.

#### **Part Time Consultant – Environmental Engineering**

**Feb 2022 – Jan 2023**

- Support the team as a national subject matter expert in the areas of Environmental Impact Assessments, Environmental and Social Management Plans, and the Occupational Health and Safety compliance.
- Liaise with the Business Development Department within the opportunities management cycle.

### Idom; Consulting, Engineering, Architecture – Madrid & KSA

#### **International Expert**

**Aug 2021 – Aug 2022**

- Assigned as a principal workstream leader to deliver a detailed Waste Management Masterplan for Al Riyadh Cluster, addressing the waste management end-to-end value chain and defining the needs for the coming 15 years to ensure the waste management sector readiness towards different investment opportunities.
- Review the detailed base line reports for Al Riyadh city and the cluster, conduct a detailed benchmarking exercise for different technological, economic, environmental, legal and social aspects.
- Develop detailed waste mass flow descriptions with a detailed provision towards the waste quantities and components for the planned period.
- Provide detailed waste treatment methodologies for the different waste streams and types.
- Deliver detailed report that states the key investment manual for the waste management sector, supported with detailed figures.

### United Nations Development Program – Country Office Jordan

#### **National Consultant**

**Jan 2021 – Mar 2021**

- Provide the required technical support in defining the sites provided from the public sector to be utilized for e waste collection practices.
- Deliver the needed assessment to qualify the proposals submitted from the private sector to be engaged in the process of e waste management and treatment.
- Deliver batches of training sessions in technical e waste recycling considering the safety and efficient use of materials for private/ public sectors engaged in the e waste management.
- Design and deliver a Financial Mechanism Guide to support the sustainable e waste business model promoting the green circular economy practices integrated within the Municipal Solid Waste Management.

#### **National Projects Manager**

##### **Environment, Climate Change & DRR Portfolio**

**Jul 2018 – Dec 2020**

- Participate as a principal team member at the environmental pillar within UNDP – Jordan office as a specialized resource in the solid waste management and energy efficiency projects.
- Manage the day to day operational, planning activities and technicalities driving for a high sustainable and replicable approach for the integrated and sound management of electronic (e-waste), hazardous, health care and municipal solid waste categories avoiding the releases of U-POPs, PBDEs and CO2 and contributing to the development of the circular economy through the 3R approach (Reduce, Reuse and Recycle).
- Initiate proposals for future community development projects to be submitted to **Global Environmental Fund** to support local communities and municipalities to confront the COVID-19 implications.

The Program was implemented on three components supporting the government of Jordan to comply with the government obligations towards Basil conventions and Montreal protocols.

- Development of an environmentally sound management (ESM) system for E- waste, by to revising and enforcing the E-waste regulation in the country, and to develop the capacity for the collection and disposal of POPs contaminated E-waste products and end-of- life articles.
- Build on the country's capabilities to further improve and extend the current Health Care Waste practices, including training, certification and procurement of Health Care Waste treatment technologies.
- Implement Waste Diversion/ resource recovery practices to reduce U- POPs emissions, accompanied by GHG related improvements by Demonstrating minimization in the amount of municipal waste (containing potentially hazardous fractions such as plastic etc.) improperly dumped or disposed of through recycling techniques and the application of reverse-derived fuel (RDF) principles in modern qualified cement kiln industry, including improved management of hazardous waste through establishing of a public/private partnership.

## Freelancing

### **National Consultant**

**Nov 2017 – Jul 2018**

Conducted many Municipal, Environmental and Strategic Planning consultancy activities as per the below:

- Participate in assessing the technical and financial models within the international tendering process to establish the Jordanian **National Waste to Energy Facility** (BOT) with Greater Amman Municipality, Ministry of Energy and Natural Resources and the Ministry of Environment.
- Participate in developing the National Development and Resilience Plan – Environment and Water Sector in collaboration with Dijani Consulting Group, contracted by the Jordanian Prime Ministry.
- Technical advisory activities conducted at Al Gabawi Landfill Project – to expand the methane gas extraction activity and designs to produce 4.8MW/h.
- Contracted as a Technical Assessor with the Ministry of Justice, providing the technical overview regarding the Environmental, Structural and Contracts Management Cases raised to the Jordanian courts.

## Greater Amman Municipality – Jordan

### **Senior Environmental Advisor**

**Mar 2012 – Nov 2017**

Assigned as a principal member at the city's executive steering committee and being accountable for providing the city council and the city mayor with the technical consultation in all environmental projects. In addition to supervising the implementation of the environmental strategy mentioned in the national agenda in the fields of waste management, climate change, air quality, energy efficiency and crises management.

In addition to delivering many internal training programs in the field of project management, urban sustainable planning, solid waste management, and climate planning under the umbrella of the Knowledge-Transfer program at Greater Amman Municipality.

Also, participating in the negotiations with the relevant national, international, non-governmental organizations and funding parties and developing the required proposals for international and engage the private sectors in all investment opportunities and applicable business development scenarios.

### **Executive Director - Amman Solid Waste Management Program**

Responsible to the delivery of a bundle of projects, financed by The **World Bank & EBRD** to enhance the waste management daily operational activities and the overall environmental conditions in the city of Amman. In addition to delivering many training programs in the following topics

- Strategic planning to improve the municipal management activities in the city.
- Pre-feasibility studies for enhancing the existing waste transfer stations.
- Public Awareness and Communication for the Municipal Solid Waste Management Sector in Amman.
- City's' crises adaptation planning and risk management.
- Capacity Building for Environmental and Social Management Plan (ESMP) and Resettlement Action Plans (RAPs).

**Executive Director for Environmental Affairs****Oct 2008 – Mar 2012**

Lead the daily operational activities for the environmental sector at GAM to maintain the level of quality services delivered for Amman citizens and visitors in the areas of waste collection, transfer stations, municipal solid waste treatment and pest controlling.

In addition to introduce several environmental public awareness campaigns and training programs in building capacity in the topics of green buildings, renewable energy and waste recycling, In cooperation with several social communities, non- governmental organizations and the private sector.

Also deliver a series of training activities in the scope of environmental strategic planning, sustainable development, and waste management for Al Manama municipality – Kingdom of Bahrain (2008- 2010).

**Senior Environmental Planner- Amman Master Plan****Jun 2006 – Oct 2008**

Participate in accomplishing Amman Master Plan (2025), to assure that all the future city activities index, building codes, land uses are aligned with the environmental standards.

During all the project phases, many workshops and discussion roundtables were conducted with all stakeholders and relevant parties to facilitate the community's participation in the city planning initiative.

Amman Master Plan project was assigned by a royal decree, with an obvious vision addressing the key challenges in the urban development, land usage, public health and the future investment opportunities, taking in consideration Amman's legacy, heritage and identity.

**Environmental Research and Studies Manager****May 2005 – Jun 2006**

Provide Amman city top management with environmental impact assessment studies for several projects/ business proposals presented to the central legislation committee in city council and create several partnerships with the private sectors in new business opportunities. In addition to supervising the procurement and tendering processes that relates to the environmental sector at GAM.

**Construction Manager- King Hussein National Park****Sep 2000 – May 2005****Ministry of Municipal and Rural Affairs – Qatar****Planning Team Leader****Nov 1996 – Sep 2000****Greater Amman Municipality – Jordan****Parks & Open spaces Construction Section Head****Aug 1985 – Nov 1996****Ammoun Engineering, Contracting Co – Jordan****Supervisor Engineer****1983 – 1985****Dar Al Handasah (Shair and Partners) –Jordan****Site Engineer****1981 – 1983****Qualifying Courses & Study Tours**

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- Project Management Professional (PMP) – Amman.
  - Training course in Participatory Rapid Appraisal (PRA) – Amman.
  - Training course in Impact Monitoring System.
  - Know-how transfer, consulting, and training to establish the separate collection and utilization of solid waste in Jordan- public private partnership (PPP) – University of Rostock- Germany.
  - Tendering process and contracts for environmental projects- Horizon 2020
  - Leadership for solid waste management– United Nations University, International leadership institute.
  - Environmental and Social safeguards - The World Bank
  - Training in Evaluating Waste to Energy tendering documents – USAID.
  - City Climate Planner- Washington DC- The World Bank.
  - Production of alternative fuels (RDF) from domestic and industrial/ hazardous waste for the cement industry- University of Rostock – Germany.
  - Executive Environmental Governance Program and Enterprise Risk Management – UNDP
  - Leadership in policy making and planning - UNDP