



# Arabia for Environmental Studies and Services

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## About us

Arabia for Environmental Studies and Services was established in 2010 as a specialized organization providing integrated environmental consulting services. The office focuses on supporting sustainable development in Yemen and the region.

Since its establishment, the organization has worked with government and private institutions to comply with environmental standards and achieve a balance between development requirements and environmental preservation.

Our team combines strong technical expertise with practical knowledge of national legislation and international environmental standards. This has enabled us to implement numerous environmental studies and projects in various sectors such as infrastructure, energy, water resources, waste management, in addition to projects focused on climate change adaptation and reducing carbon emissions.

At “Arabia” we believe that the environment is not an obstacle for investment, but rather an opportunity for excellence, responsibility, and green financing. Therefore, we strive to be strategic partners for entities seeking to develop projects that consider environmental aspects and benefit from international climate finance mechanisms such as the Clean Development Mechanism and the Green Climate Fund.

With more than a decade of experience and a multidisciplinary team, we continue our commitment to providing innovative, precise, and practical environmental solutions that support sustainable development goals and enhance the well-being of individuals and communities.

## Vision

To be a leading provider of integrated environmental solutions in Yemen as well as the region and to actively contribute to the transition toward a low-carbon economy by supporting projects that align with environmental priorities, climate change, and sustainable development.

## Mission

We are committed to providing high-quality environmental consulting services based on knowledge and innovation, and relying on national and international standards, with the aim of:

- Enhancing environmental compliance for development projects
- Enabling public and private sectors to access green and climate finance opportunities
- Supporting the sustainability of natural resources, and improving quality of life

## Our Team

A multidisciplinary team of environmental specialists, engineers, and researchers with extensive experience in environmental studies, climate change, and sustainability, led by:

Eng. Mahmoud Shadiwa

Technical Director and Team Leader

Former Head of the Yemeni Environmental Protection Authority. Environmental, Social, and Occupational Health and Safety Officer at the United Nations Office for Project Services (UNOPS). Leader of several international projects in the field of climate change and climate finance. He possesses over 20 years of experience in preparing environmental studies, strategic environmental planning, and implementing the standards of international donors such as the World Bank and the United Nations. He leads a multidisciplinary team that includes:

- Environmental engineers and urban planners.
- Experts in environmental and social impact assessment.
- Specialists in waste management, water, and renewable energy.
- Certified occupational health and safety trainers.
- Consultants on climate change and carbon footprint.

We believe that the integration of disciplines within our team enables us to provide comprehensive and practical solutions to every environmental challenge we face.

## **Service Structure**

### **Environmental Studies and Consultations**

- Environmental and Social Impact Assessment (ESIA) studies.
- Environmental and Social Management Plans (ESMPs).
- Screening and Scoping Project Classification Studies.
- Cumulative Environmental Impact Studies.
- Climate Change Adaptation Studies.

### **Climate Change and Carbon Services**

- Carbon footprint and greenhouse gas emissions measurement.
- Preparation of projects eligible for climate finance (CDM, GCF, IFC).
- Support for environmental and climate disclosure (TCFD – ESG Reports).
- Consulting on industrial emission reduction.

### **Waste and Resource Management**

- Waste management plans for solid, medical, and hazardous wastes.
- Waste reduction and recycling solutions.
- Landfill site assessment and treatment methods.

### **Environmental Measurement and Monitoring Services**

- Monitoring air, water, and soil quality.
- Measuring noise and industrial emissions.
- Monitoring and tracking field environmental compliance.

### **Industrial Environmental Services**

- Environmental auditing of industrial facilities.
- Design of industrial pollution treatment systems.
- Development of industrial pollution incident response plans.

### **Health, Safety, and Environment (HSE)**

- Hazard Identification and Risk Assessment (HIRA).
- Preparation of Health and Safety Plans for Projects.
- Training on Prevention and Emergency Procedures.

### **Corporate Consulting and Capacity Building**

- Developing environmental policies and procedures for organizations.
- Supporting compliance with local and international environmental regulations.
- Organizing specialized training courses and workshops.

## Services and Consultancies Provided by Arabia for Environmental Studies and Services

### Climate Change & Carbon Services

#### 1. Carbon Emissions and Footprint Studies

- Measuring and documenting greenhouse gas (GHG) emissions in accordance with the GHG Protocol.
- Preparing carbon footprint reports for organizations and projects.
- Proposing strategies to reduce emissions and enhance environmental efficiency.

#### 2. Support for Accessing Climate Finance Mechanisms

- Assisting companies in preparing the necessary documentation and studies to secure funding from:
  - International Finance Corporation (IFC)
  - Clean Development Mechanism (CDM)
  - Green Climate Fund (GCF)
  - Other climate finance initiatives
- Preparing environmental feasibility studies for projects eligible for climate financing.

#### 3. Development of Projects Eligible for Global Climate Initiatives

- Designing low-carbon environmental projects that can be registered under voluntary or compliance carbon programs.
- Providing technical and administrative support for project registration in international climate registries.

#### 4. Compliance with Climate Disclosure Reporting

- Assisting companies in preparing environmental and climate disclosure reports (e.g., TCFD – Task Force on Climate-related Financial Disclosures).
- Guiding the adoption of international standards for sustainable environmental disclosure (ESG).

#### 5. Climate Consulting for Industrial and Investment Companies

- Assessing climate risks affecting project sustainability.
- Providing tailored adaptation and mitigation solutions for high-emission industries (e.g., energy, transportation, manufacturing).





### Waste Management Services

- Preparing solid, hazardous, and medical waste management plans.
- Providing integrated solutions for waste reduction and recycling.
- Evaluating disposal methods and improving institutional waste management efficiency.



### Pollution Monitoring and Measurement Services

- Monitoring air, water, and soil quality across various sites.
- Measuring noise levels, air emissions, and odors.
- Preparing periodic environmental monitoring reports.

### Energy and Natural Resources Services

- Supporting renewable energy projects (solar and wind power) from an environmental perspective.
- Assessing natural resource use and developing sustainability strategies.
- Conducting studies on water harvesting and greywater reuse.



### Environmental Studies and Assessment

- Preparing Environmental and Social Impact Assessments (ESIAs) for construction, industrial, and service projects.
- Preparing Environmental and Social Management Plans (ESMPs).
- Reviewing and updating environmental impact studies in accordance with the requirements of donors such as the World Bank or UNOPS.



- Preparing environmental screening and scoring studies for projects.
- Assessing environmental and health risks associated with development projects.

### Corporate Consulting and Training

- Supporting companies in complying with local and international environmental regulations.
- Preparing internal environmental policies and procedures for organizations.
- Conduct training workshops on environmental awareness and risk management for staff.

### Specialized Services

- Preparing environmental emergency plans and rapid response strategies for incidents.
- Assisting in developing rehabilitation plans for environmentally affected areas.
- Supporting the preparation of environmental tender documents and technical project reports.

### Contact Us

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