

# Daira Sabz

Consulting &  
Engineering Group



## Environmental Engineering and Management



Afghanistan | Germany | Partner Countries



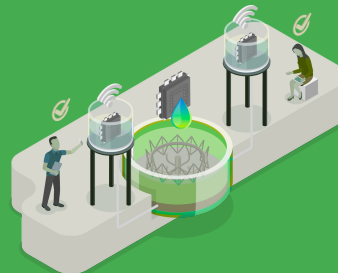
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## Let us be your trusted partner in building a greener, more resilient future

At Daira Sabz Consulting and Engineering Group, environmental stewardship is not just a principle—it is at the heart of everything we do. We deliver comprehensive, science-driven environmental engineering and management services that go beyond compliance to create sustainable impact, restore ecosystems, and protect communities. Our services are fully aligned with the latest EU directives, German environmental legislation, EU Green Deal, CSRD (Corporate Sustainability Reporting Directive), EU Taxonomy Regulation, German Climate Protection Act (KSG), ISO 14001, ISO 14064-1:2018, ISO 14067, ISO 14068, DIN standards, EN standards, BSI PAS 2060, WHO air quality guidelines, and the Afghanistan National Environmental Protection Agency (NEPA) requirements. We also ensure compliance with local laws and standards in every country we operate, including Afghanistan's Environmental Law, Mining Regulations, National Waste Strategy, and other sector-specific frameworks.



## Our Core Environmental Service Areas



### 1. Environmental Governance & Climate Policy Advisory

- Drafting national and sub-national environmental and climate change policies
- Designing Monitoring, Reporting & Verification (MRV) systems
- Ensuring compliance with global agreements (Paris Agreement, CBD, SDG 13, UNFCCC)
- Capacity building for ministries, municipalities, and regulatory bodies
- Public education, policy communication and stakeholder engagement strategies



## 2. Corporate Environmental & ESG Consulting

- Environmental & Social Impact Assessments (EIA/ESIA)
- ESG strategy and disclosure (GRI, ISSB, SASB, TCFD, EU CSRD)
- Biodiversity, socio-economic, and ecosystem baseline studies
- Carbon disclosure aligned with GHG Protocol, ISO, and EU regulations
- Environmental due diligence and risk analysis for investors and lenders

## 3. Carbon Management Services

- GHG Accounting (Scope 1, 2, 3) in line with GHG Protocol, ISO 14064-1:2018, IPCC guidelines, and national MRV frameworks
- Carbon Footprint & Life Cycle Assessments (LCA) per ISO 14067, ISO 14044, and DIN EN 16258 standards
- Inventory Management Plans to support transparent and auditable climate disclosures
- Science-Based Targets (SBTs) and net-zero pathways aligned with SBTi and EU Fit for 55 Package
- Carbon Offset Strategy & Procurement (VERRA, Gold Standard, CDM, EU ETS-compatible credits)
- Carbon Neutrality & Climate Positive Certification (ISO 14068, PAS 2060, TÜV-certified schemes)
- Sustainability Disclosure & Climate Risk Reporting (EU CSRD, CDP, TCFD, ISSB, EFRAG guidelines)
- AI-driven Carbon Dashboards and analytics for Scope 1–3 emissions
- Carbon Market Readiness & MRV Systems aligned with EU and international frameworks (incl. Article 6 under the Paris Agreement)
- Carbon Credit Access & Trading in both voluntary and compliance carbon markets

## 4. Disaster Risk Reduction (DRR) & Climate Resilience

- Community-based adaptation and DRR strategies
- Climate risk assessments using GIS, AI, and remote sensing
- Multi-hazard mapping and early warning systems
- Nature-based and engineered adaptation solutions
- Resilient urban and rural infrastructure development

## 5. Integrated Waste Management & Circular Economy

- Circular economy roadmaps and waste prevention plans
- Waste auditing and lifecycle performance optimization
- Design and operation of landfills, MRFs, composting, and WTE plants
- Industrial, hazardous, and healthcare waste management plans
- Compliance with German Circular Economy Act (KrWG), EU Waste Framework Directive, and Afghanistan's National Waste Management Strategy

## 6. Environmental Engineering & Pollution Control

- Air quality control (PM2.5/PM10/NOx/CO<sub>2</sub>) per WHO, EU Ambient Air Quality Directive 2008/50/EC, TA Luft, and Afghanistan's NEPA air quality guidance
- Water and wastewater treatment plant design (WWTP/WTP) under DIN 4045, DIN EN 12255, and EU Urban Wastewater Directive
- Groundwater protection, soil remediation, and environmental risk control (BBodSchV, and local environmental impact regulations)
- Integrated stormwater management and green infrastructure (LID, SuDS)
- Indoor air and noise pollution monitoring, mitigation, and compliance with TA Lärm, DIN 45645, and Afghanistan's National Noise Standards

## 7. Urban Environmental Planning & Sustainable Infrastructure

- Urban green infrastructure planning and nature-based solutions (NbS)
- LEED, DGNB, and EU Taxonomy-compliant sustainable building advisory
- Integrated urban transport and mobility strategies
- Climate-smart zoning and urban expansion plans
- Smart city integration of renewable energy and circular systems



## Why Choose Daira Sabz?

We offer certified ISO 9001, ISO 14001, and ISO 14064 services with a proven track record in engineering, environmental science, and sustainability consulting. Our work supports clients across sectors to achieve regulatory compliance, reduce environmental risks, and lead in sustainability performance. Whether your goals include EU Green Deal alignment, CSRD reporting, or carbon neutrality, Daira Sabz delivers scalable, high-impact solutions backed by international standards, national legislation, local environmental frameworks, and globally accepted best practices.



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