



COMPANY **PROFILE**

Empowering Sustainable Progress

EQMS
Consulting
Limited

Delivering Sustainable Solutions
Through Integrated Global
Expertise



Welcome to EQMS Consulting Limited.
We are pleased to introduce our company profile, reflecting our commitment to quality, integrity, and sustainable development. Through technical expertise, professional excellence, and a multi-disciplinary consulting team, EQMS supports projects that contribute to responsible growth and long-term value. We look forward to building trusted partnerships and delivering solutions that make a meaningful impact.



TABLE OF CONTENTS

01	About EQMS	1-4
02	End-to-end Consultancy Services Across the Project Lifespan	5-6
03	Our Global Presence	7-8
04	Our Esteemed Clients	9-10
05	Services	11-58

ABOUT COMPANY

EQMS Consulting Ltd. is a multidisciplinary consulting firm delivering integrated strategic, technical, and advisory services across engineering, environmental, social, IT, and economic sectors.

EQMS supports complex public and private sector initiatives by applying international standards, robust methodologies, and proven delivery models, with a strong commitment to sustainability, quality, and regulatory compliance.

With extensive experience in delivering a wide range of projects, we have built a strong reputation for quality, reliability, and results. Our long-standing industry expertise, combined with a diverse pool of in-house consultants, enables us to provide integrated, practical, and timely solutions tailored to our clients' needs.

3000+

Completed Projects

25+

Years of Experience

250+

In-house Consultants Pools

Certification

- ISO 9001:2015 — Quality Management Systems
- ISO 14001:2015 — Environmental Management Systems
- ISO 26000:2010— Guidance on Social Responsibility
- ISO 31000:2018 — Risk Management
- ISO 45001:2018 — Occupational Health and Safety Management Systems
- ISO 50001:2018 — Energy Management Systems
- ISO/IEC 17020:2012 — Conformity Assessment: Requirements for the Operation of Various Types of Bodies Performing Inspection
- ISO/IEC 17025:2017 — General Requirements for the Competence of Testing and Calibration Laboratories
- Survey of Bangladesh (SOB)

Our Vision

To create sustainable solutions for the challenges of tomorrow to achieve SDGs.

Our Mission

To be the best version of itself for a brighter future of the globe, treading carefully to achieve the best for all the clients.

Our Values

To provide the right building blocks and fit-for-purpose solutions, indefinitely for all our clients so that they can thrive for as long as they please.

Pre-Investment

- ❖ Market Research
- ❖ Feasibility Studies
- ❖ Risk and Cost Assessments
- ❖ Policy Review
- ❖ Investment Planning

Procurement

- ❖ Tender Preparation
- ❖ Bid Evaluation
- ❖ Contract Support
- ❖ PPP Advisory

Commissioning and Handover

- ❖ Testing
- ❖ Training
- ❖ Performance Verification
- ❖ Manuals
- ❖ Closure Reporting
- ❖ Endline Evaluation

Decommissioning

- ❖ Closure Planning
- ❖ Environmental Safeguards
- ❖ Waste Management

Planning and Design

- ❖ Baseline Study
- ❖ Master Planning
- ❖ Detail Project Reports
- ❖ Environmental and Social Studies
- ❖ Detailed Engineering
- ❖ Procurement Strategies
- ❖ Funding Support
- ❖ Development Project Proposal (DPP)

Construction / Implementation

- ❖ Project Management
- ❖ Construction Supervision
- ❖ Quality Assurance and Quality Control
- ❖ Cost and Schedule Control
- ❖ HSE Compliance
- ❖ Safeguard Monitoring
- ❖ Mid-term Evaluation

Operation and Maintenance

- ❖ Asset Management
- ❖ O&M Strategies
- ❖ Audits
- ❖ Compliance Monitoring
- ❖ Lifecycle Optimization



END-TO-END CONSULTANCY SERVICES

Pre-Investment

- ❖ Market Research
- ❖ Feasibility Studies
- ❖ Risk and Cost Assessments
- ❖ Policy Review
- ❖ Investment Planning

Procurement

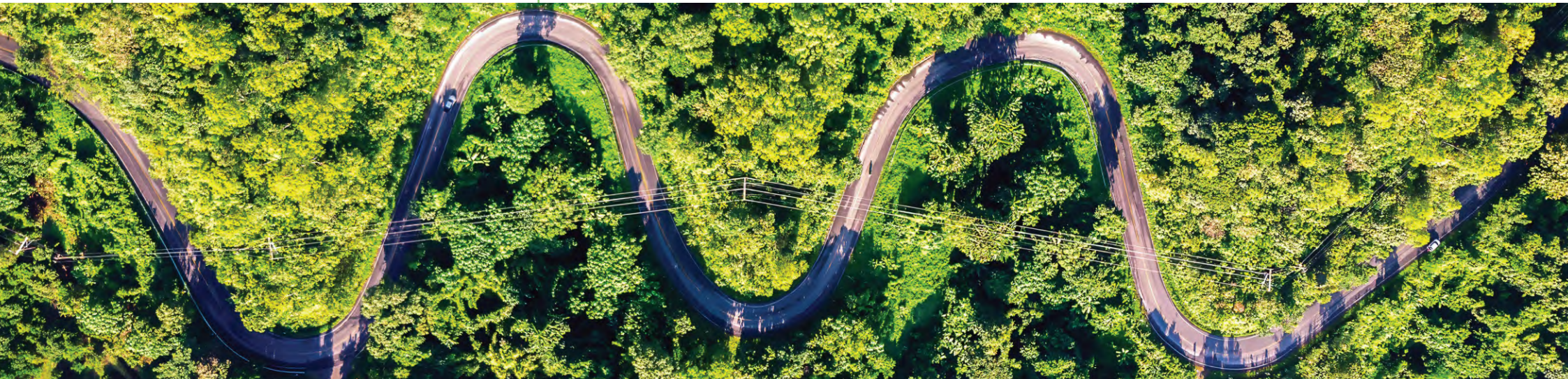
- ❖ Tender Preparation
- ❖ Bid Evaluation
- ❖ Contract Support
- ❖ PPP Advisory

Commissioning and Handover

- ❖ Testing
- ❖ Training
- ❖ Performance Verification
- ❖ Manuals
- ❖ Closure Reporting
- ❖ Endline Evaluation

Decommissioning

- ❖ Closure Planning
- ❖ Environmental Safeguards
- ❖ Waste Management



Planning and Design

- ❖ Baseline Study
- ❖ Master Planning
- ❖ Detail Project Reports
- ❖ Environmental and Social Studies
- ❖ Detailed Engineering
- ❖ Procurement Strategies
- ❖ Funding Support
- ❖ Development Project Proposal (DPP)

Construction / Implementation

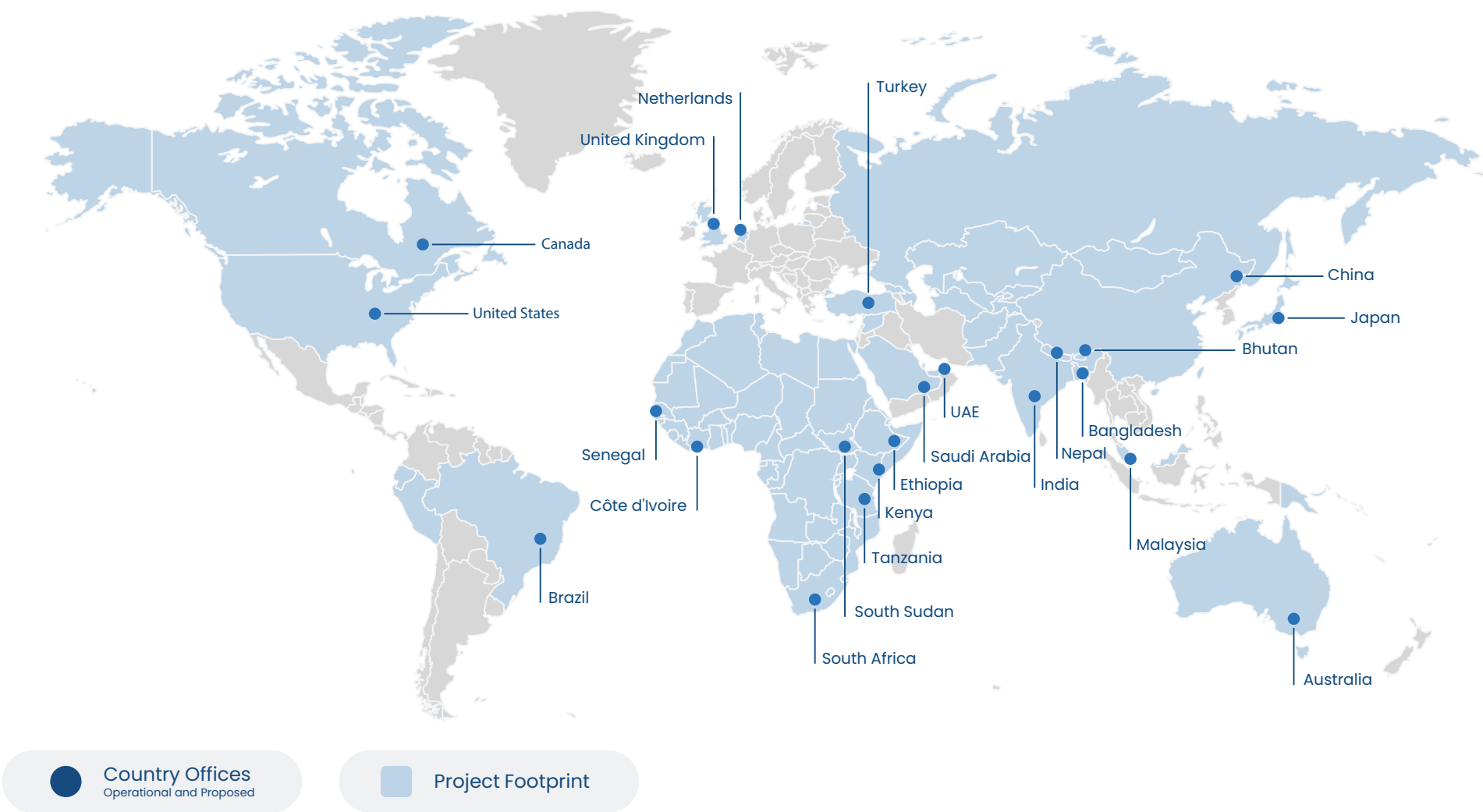
- ❖ Project Management
- ❖ Construction Supervision
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- ❖ Cost and Schedule Control
- ❖ HSE Compliance
- ❖ Safeguard Monitoring
- ❖ Mid-term Evaluation

Operation and Maintenance

- ❖ Asset Management
- ❖ O&M Strategies
- ❖ Audits
- ❖ Compliance Monitoring
- ❖ Lifecycle Optimization

Our Global Presence

EQMS operates across the world. Our global presence enables cross-border collaboration, access to international expertise, and consistent delivery aligned with global best practices and donor requirements.





Our Esteemed Clients

EQMS



Renewable Energy

EQMS' renewable team of experts focuses on providing customized, innovative, renewable energy and energy efficiency solutions as well as on-going maintenance and support. Our expertise spans across various technologies including solar power plant, solar PV, solar thermal, wind power, biogas, and hydropower.

OUR SERVICES



Pre-feasibility/Fatal Flow Analysis Studies

- Initial site screening
- Grid availability review
- Fatal flaw identification
- Concept level evaluation



Feasibility Studies of Solar Based Power Plant

- Technical feasibility
- Site layout & system design
- Investment & cost estimation
- Implementation roadmap



Solar Resource Assessment and Techno-economic Optimization

- Resource assessment
- Technology selection
- Techno-economic optimization
- LCOE & sensitivity analysis



Energy Yield Assessment (PVsyst Simulation)

- Pvsyst modeling & simulation
- Energy yield estimation
- Performance analysis
- Degradation assessment



Battery Energy Storage System (BESS) Assessment

- Storage sizing & configuration
- Dispatch strategy analysis
- Reliability & backup assessment
- Techno-economic evaluation



Power Interconnection & Load Flow Study

- Grid interconnection study
- Load flow & stability analysis
- Short circuit & protection study
- Power evacuation planning



Flood Risk Assessment & Corrosion Study

- Flood risk analysis
- Drainage & mitigation plan
- Corrosion assessment
- Protective measures



Engineering Survey Support

- Topographical survey
- Geotechnical investigation
- Hydrological & bathymetry study
- Geologic & soil analysis



Financial Assessment

- CAPEX & OPEX estimation
- Financial modeling
- Funding & investment plan
- Bankability assessment



Environmental and Social Impact Assessment

- ESIA & ESMP preparation
- Stakeholder engagement
- Social safeguard planning
- Regulatory compliance



Supply and Installation of Solar Ground Measurement Stations

- Procurement of equipment
- Installation & commissioning
- Data monitoring & QA/QC
- O&M and reporting support

Area of Expertise

- Solar Park
- PV Ground Mounted
- Solar fisheries plant
- Floating Solar
- Solar Mini-Grid and Solar Nano-Grid
- Solar irrigation
- Rooftop solar
- Solar canal projects
- Solar household system (SHS)

REMARKABLE PROJECTS

Project: Feasibility Studies and Development of up to 200MW Solar PV Plant

Client: Asian Development Bank (ADB)

Project: Technical, HSES Due Diligence Services of Sri Lanka Rooftop Solar Project

Client: InfraCo Asia Holdings Pte Ltd./ IFC

Project: Accelerating the Role for Energy Storage, Grid-connected Solar PV, and Other Distributed Resources to Support Energy Transition

Client: The World Bank

Project: Policy Report on the Renewable Energy Financing Facility (REFF) Project (Bangladesh Scaling-up Renewable Energy Project)

Client: IDCOL/Deloitte Touche Tohmatsu India LLP/ The World Bank

Project: Environmental and Social Impact Assessment (ESIA) for a 150 MWP Regional Solar Park

Client: West African Power/ The World Bank

Project: Techno-Economic Feasibility Assessment of Agrivoltaics

Client: International Solar Alliance (ISA)



SITE ASSESSMENT



PRE-FEASIBILITY



FEASIBILITY



FINANCIAL CLOSURE



CONSTRUCTION



OPERATION & MAINTENANCE

Engineering Excellence for a Sustainable Future

EQMS delivers end-to-end engineering solutions across structural and geotechnical engineering, MEP systems, fire safety, water and transportation infrastructure. Supported by internationally experienced engineering teams, we address complex challenges in the energy, infrastructure, healthcare, and water sectors, prioritizing safety, efficiency, sustainability, and long-term asset performance.

Services

 Feasibility Study	 Detailed Structural, Mechanical, Electrical, Plumbing (MEP) Design	 Construction Supervision & Management	 Geotechnical Investigation & Foundation Design
 Water Supply & Sanitation	 Fire Safety system design	 Detailed Engineering Assessment	 Infrastructure Design (Bridge, Road, Jetty, Marine Structure & Others)
 Project Management & Technical Advisory	 Sustainability & Energy Efficiency	 Testing and Commissioning	 Traffic Impact Assessment

Tools We Use



Our Remarkable Projects



Project: Supervision, monitoring and quality control services for the construction of PSA plant building at 29 hospital locations in Bangladesh.

Client: UNOPS Bangladesh



Project: Site assessment, Detail design, and BOQ preparation for integrated Nutrition and Health Facilities at Camp-II, including monitoring and supervision of the construction activities (against LLTS-42416739).

Client: UNICEF Bangladesh



Project: Feasibility Study of BSCIC Agrabad Multipurpose Complex, Chattogram.

Client: Bangladesh Small and Cottage Industries Corporation (BSCIC)

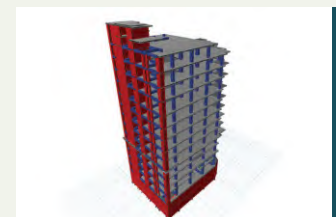
Funded by: Government of Bangladesh (GOB)



Project: Enhancing BIPSOT Capacity to Train Female Peacekeepers Through the Construction of Dedicated Accommodation.

Client: UNOPS Bangladesh

Funded by: Elsie Initiative Fund (EIF)



Project: Structural Certification Consultancy for extension of two additional floors on existing (2B+13 story) BEPZA Complex in Dhanmondi initially designed for (2B+15 story).

Client : Bangladesh Export Processing Zone Authority (BEPZA)

Funded by: The Government of Bangladesh

Shaping Spaces with Purpose and Precision

EQMS provides integrated architectural solutions spanning master planning, building design, interiors, and landscape architecture. Our approach balances design excellence, technical rigor, and functional efficiency, ensuring spaces that are future-ready, cost-effective, and aligned with client and regulatory requirements.

Services

 Residential Buildings	 Industrial Buildings	 Commercial Buildings	 Religious Architecture
 Landscape Architecture	 Interior Design	 3D Render	 Master Plan

Tools We Use

 AutoCAD	 ArchiCAD
 SketchUp	 V-Ray
 Revit	 Enscape
 3ds Max	 Lumion
 KeyShot	 D5 Render

Our work is supported by a suite of industry-leading software solutions that enable precise structural analysis, geotechnical modeling, and detailed design documentation. These advanced tools enhance efficiency, accuracy, and interdisciplinary coordination—allowing us to deliver innovative, reliable, and cost-effective engineering solutions across every phase of a project.

Our Remarkable Projects



Project: Feasibility Study of the Proposed ADP Project Establishment of BCSIR Gopalganj Laboratories.

Client: Bangladesh Council of Scientific and Industrial Research (BCSIR)
Funded By: Government of Bangladesh (GOB)



Project: Feasibility Study and Developing a Master Plan for Bhawal National Park.

Client: Bangladesh Forest Department (BFD)
Funded by: Government of Bangladesh (GOB)



Project: An Architecture and Civil Engineering Firm for BRAC Urban Development Program led project: Towards a comprehensive and human-centred plastic waste management approach in Cox's Bazar and Affected Regions.

Client: Bangladesh Rehabilitation Assistance Committee (BRAC)
Funded by: The World Bank



Project: Designing Services for UNFPA Office at UN House.

Client: UNFPA
Funded by: United Nation



Project: Feasibility study for Infrastructure Development and Enhancing Research Capacity of BFRI.

Client: Bangladesh Fisheries Research Institute (BFRI)
Funded By: Government of Bangladesh (GOB)



Project: Consultancy Services for Renovation of the Ground Floor of Bangladesh Bank's Main Building, Head Office, Dhaka.

Client: Bangladesh Bank
Funded By: Bangladesh Bank

Powering Progress Through Sustainable Energy Solutions

EQMS delivers strategic and technical advisory services across conventional, renewable, and hybrid energy systems. We support the full project lifecycle from feasibility and grid studies to supervision and owner's engineering, helping clients achieve secure, sustainable, and financially viable energy solutions.

Services

 Feasibility Studies	 Project Supervision, Owners' Engineering	 Transmission & Distribution Planning
 Energy Policy Analysis	 Detail Design of Solar Power Plant, Captive Solar Power Plant	 Power Purchase Agreement (PPA)
 Grid Impact Studies, Load Flow Studies	 Risk Assessments	 Financial Analysis, Investment phasing

Tools We Use



PVsist
Solar system design



ETAP
Electric Supply Substation Simulation



OpenDSS
Distribution system simulation



RETScreen
Feasibility, financial & GHG analysis

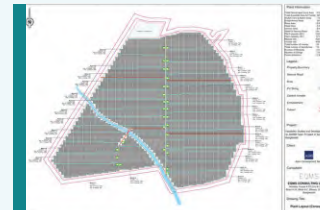


SAM
System modeling+ financial analysis



DER-CAM
Building+DER optimization

Our Remarkable Projects



Project: Feasibility study of 200MW Solar Power Plant at Sonagazi.

Client: Asian Development Bank (ADB)



Project: Technical, HSES Due Diligence Services of Sri Lanka Rooftop Solar Project.

Client: InfraCo Asia Holdings Pte Ltd.
Funded by: InfraCo Asia Holdings Pte Ltd.



Project: Route Survey of transmission line at identified site for 50 MW AC Padma Solar Farm Limited in Panchagarh to the 132kV sub station Panchagarh.

Client: Padma Solar Farm Limited



Project: Techno-Economic Feasibility Assessment of Agrivoltaics for Bhutan.

Client: International Solar Alliance.
Funded by: International Solar Alliance.



Project: Design and Supervision Consultant for Construction of 33/11KV 10MVA Substation.

Client: Shahjalal University of Science and Technology (SUST).



Project: Feasibility Study, Detailed and Technical Specifications for Rural Electrification Access and Urban Rehabilitation Project.

Client: National Water & Electricity Company Limited (NAWEC), Gambia.

Guiding Projects Towards Environmental Excellence

EQMS provides comprehensive environmental assessment, monitoring, and compliance services, ensuring alignment with national regulations and international safeguard standards. Our expertise supports responsible development, risk mitigation, and long-term environmental sustainability for large-scale infrastructure and industrial projects.

Services



Environmental Research & Policy

- Environmental research and policy formulation
- Environmental guideline and SOP preparation
- Environmental and Social Commitment Plan (ESCP) development



Project Site Assessment & Planning

- Site selection, assessment, and fatal flaw analysis
- Demarcation study
- Screening and scoping studies
- Environmental and social baseline surveys



Environmental Assessment & Reporting

- IEE, EIA, ESIA, SESA, RESA preparation
- EMP, ESMP, CEMP, D-CEMP, and OEMP Preparation
- ESMF, EMIS, EMAP development



Environmental Audits & Safety Advisory

- Environmental and Social Due Diligence (ESDD)
- Development of Environmental and Social Management Systems (ESMS)
- HSE supervision and advisory services
- E&S Audit



Modeling & Monitoring

- Environmental modeling (air, noise, thermal plume, hazard, etc.)
- Environmental quality monitoring (air, water, noise, vibration, soil, sediment)
- Laboratory testing support



Permitting & Technical Support

- Processing of national environmental permits and licenses
- Solutions for ZDP, STP, and ETP systems
- Public-private partnership (PPP) facilitation for environmental services



Capacity Building & ISO Support

- Internal audit and documentation for ISO certification
- Capacity building and training on environment, health, and safety (EHS)

Tools We Use



World Bank ESF



JICA Guidelines for E&S Considerations



ADB SPS



AIIB ESF



KfW and DEG E&S Guidelines



BII ESG Standards



FMO ESG Standards



Norfund Policy for ESS



ICA Guidelines



Equator Principles



AERMOD for the air dispersion model



ALOHA for hazard modeling



SoundPLAN for the noise model



WRPLOT view for meteorological data analysis



CORMIX for the thermal plume model

Our Remarkable Projects



Project:

Regional Environmental & Social Assessment (RESA) for the National Special Economic Zone (NSEZ).

Client: Bangladesh Economic Zones Authority (BEZA)

Funded by: World Bank (WB)



Project:

Environmental Impact Assessment (EIA) study of Payra 1320 MW Thermal Power Plant Project.

Client: Bangladesh China Power Company Private Limited (BCPCL)

Funded by: Export-Import Bank of China (Exim Bank)



Project:

Environmental Impact Assessment (EIA) for Eastern Refinery Limited Project at Bangladesh

Client: Eastern Refinery Limited (ERL)

Funded by: Government of Bangladesh (GoB)



Project:

Environmental and Social Impact Assessment (ESIA) for 150 MWp Regional Solar Park in The Gambia.

Client: West African Power Pool (WAPP)

Funded by: The World Bank (WB)



Project:

Environmental & Social Impact Assessment for the Rehabilitation & Construction of the Juba & Bor Ports, their Access Roads & for Clearing (Dredging) Works between the Juba-Bor Section of the River Nile.

Client: Ministry of Transport

Funded by: The World Bank (WB)

Project:

Environmental Compliance Monitoring of 2x660 MW Coal fired Thermal Power Project at Kalapara, Patuakhali.

Client: Rural Power Company Limited (RPCL)

Funded by: China Exim Bank



Project:

SASEC Road Connectivity Project - Improvement of Joydevpur-Chandra-Tangail-Elenga Road (N-4)-Phase.

Client: Roads and Highway Department (RHD)

Funded by: Asian Development Bank (ADB)



Project:

Environmental and Social Monitoring of MRT Line 6.

Client: Dhaka Mass Transit Company Limited (DMTCL)

Funded by: Japan International Cooperation Agency (JICA)



Project:

Environmental Safeguard Monitoring of Bangabandhu Sheikh Mujib Railway Bridge Construction Project (WD1 and WD2)

Client: Bangladesh Railway

Funded by: Japan International Cooperation Agency (JICA)



Project:

Western Economic Corridor and Regional Enhancement Program (WeCARE) Jashore-Jhenaidah Road Corridor.

Client: Roads and Highways Department

Funded by: World Bank (WB)

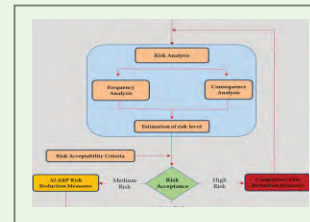
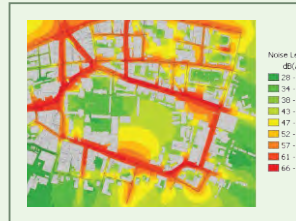




Services

Risk Assessment	 Quantitative Risk Assessment	 HAZOP Study	 Emergency Response Plan
Air Dispersion Modeling	 Emission inventory and meteorological data analysis	 Model application (AERMOD)	 Recommendation for abatement measure
Noise Modeling	 Identification of noise sources and baseline noise monitoring	 Noise propagation modeling and forecasting	 Recommendation for abatement measure

Tools We Use



Client: SMEC International Pty Ltd in JV with OCG, DOHWA, ACE, and DDC

Client: North-West Power Generation Company Limited (NWPGL)

Client: BCL Associates Limited

Client: Meghna PVC Limited

Client: United LPG Limited



Climate Change & Resilience Solutions

EQMS supports organizations in transitioning toward low-carbon, climate-resilient development pathways. Our services include climate risk assessment, decarbonization strategies, climate finance advisory, and resilience planning, aligned with global climate frameworks and designed for practical implementation and measurable impact.

Services

	Climate Action Roadmap (CAR)		Policy & Planning for Climate Change Adaptation
	CDP Disclosure Consultancy for Climate Change		Disaster Risk Assessment (DRA) or Disaster Impact Assessment (DIA)
	Decarbonization Pathway/Net Zero Roadmap		Science Based Target (SBTi) Setting
	Green Financing for Climate Change Adaptation		Life Cycle Assessment
	Nature Based Solution (NbS) for Climate Change Adaptation		Carbon Credit
	GHG Protocol, ISO 14064, and USEPA		Capacity Building
	Task Force on Climate Related Financial Disclosures (TCFD)		Disaster Risk Reduction & Management (Sendai Framework)
	Developing a Financial Model for Adaptation Policy Implementation		Nature Based Solution for Disaster Management
			Early Warning System(EWS) for Disaster Managements

Our Remarkable Projects

Project: Climate Action Roadmaps for Five Supplier Factory of LINDEX in Bangladesh

Client: Lindex

Project: Feasibility Study and Development of Guidelines on Green Sukuk for the Shariah Based Banks and Financial Institutions

Client: Bangladesh Bank
Funded by: Global Climate Fund

Project: The Capacity Enhancement on Disaster Risk Reduction, Emergency Response and Recovery Project in the People's Republic of Bangladesh

Client: Japan International Cooperation Agency (JICA)

Project: Hazard Risk & Vulnerability Analysis of areas prone to Climate Change in Bangladesh

Client: Concern Worldwide

Project : Preparation of Traffic Volume Study, Noise modelling, GHG Management Plan and Chance Find Procedure of a LNG based CCPP at Meghnaghat, Narayanganj, Bangladesh

Client : Reliance Bangladesh LNG & Power Limited



Sustainability Reporting (ESG)

EQMS supports organizations in developing credible ESG and sustainability disclosures aligned with leading global frameworks including GRI, TCFD, ESRS, SDGs, and IFRS. Our services enhance transparency, regulatory readiness, and strategic sustainability performance.



Services



Strategic Sustainability Reporting



Materiality & Double Materiality Assessment



ESG Goal Setting & Performance Targets



ESG Data Management & Disclosure Readiness



ESG Due Diligence and Gap Assessment



ESG Capacity Building & Training Programs



Decarbonization & Ne-Zero Roadmaps



Sustainability Report Design & Visualization

ESG Tools

Our ESG Digitization Tool simplifies Environmental, Social, and Governance (ESG) management, helping organizations track, measure, and report sustainability data efficiently. Designed for businesses committed to sustainability, regulatory compliance, and corporate responsibility, this tool enables real-time monitoring, automated reporting, and data-driven decision-making.

Feature of ESG Tool



ESG Ranking System



Performance Tracking



Data Collection & Integration



Target Achievement



Automation of ESG Reporting



Alert System

Tools and Framework we use for ESG Reporting



GRI Standard



CDP Disclosure



European Sustainability Reporting Standards (ESRS)



GHG Protocol



Sustainable Development Goals (SDGs)



Task Force on Climate related Financial Disclosures (TCFD)



UN Global Compact



International Financial Reporting Standards (IFRS)

Our Remarkable Projects



Project: ESG Reporting of Simtex Industries PLC under Implementing Environmental & Social Compliance Initiatives in Tier-2 RMG Factories

Client: Swisscontact
Funded by: Swedish International Development Cooperation Agency (SIDA) & Swiss Agency for Development and Cooperation (SDC)

ESG Reporting For



Everbright Sweaters Limited



Giant Textiles Ltd.



Nafisa Apparels Ltd.



Desh Garments Ltd.



Simtex Industries PLC

Economic & Financial Services

Empowering Smarter Decisions through Data-Driven Financial Insights

EQMS delivers economic and financial analysis to support investment planning, policy formulation, and project appraisal. Our services enable clients to evaluate feasibility, optimize resource allocation, and strengthen decision-making for infrastructure, energy, and development programs.

Services



Economic and Financial Modeling



Socioeconomic survey



Development Project Performance



Value Chain Analysis



Traffic Impact (Economic) Assessment



Cost Benefit Analysis (CBA)



Market Strategy Development



Online Survey



Sensitivity Analysis



Consumer Research



Economic Feasibility Study



Market Feasibility Study



Price Analysis



Tariff Setting



Demand and Supply Analysis



Competitor Analysis



CAPEX and OPEX Model for Renewable Energy Options



Benchmarking Analysis

Tools & Frameworks We Use



ADB – Practical Guide



ISO-based QA/QC Checklists



Political Economy Analysis (PEA)



Mendeley / Zotero



Bangladesh PPR 2008



Manual Traffic Counters



OECD Guidelines on Policy Coherence for Sustainable Development (PCSD)



KoBo Toolbox



Equator Principles



MCC – Peer-Review Guidelines



Work Breakdown Structure (WBS)



Power BI



Excel-based MCDA Templates



PPSD Templates



UNEP FI / ICMA Guidelines



SketchUp



Pneumatic Tube Counters



OECD – CBA & Environmental Valuation



Theory of Change (ToC)



Tableau

Our Remarkable Projects

Project: Feasibility Study of Important Bridges Construction on Rural Roads Project (Phase-1 & Phase-2)

Client : Local Government Engineering Department (LGED)

Funded By: Government of Bangladesh (GoB)

Project : Feasibility Study and Report Preparation for Purbachal American City

Client: US-Bangla Assets Limited

Project: Feasibility Study and Development of Guidelines on Green Sukuk for the Shariah Based Banks and Financial Institutions

Client: The Bangladesh Bank

Project: Feasibility Study and Preparation of DPP for Bangladesh Environmental Sustainability and Transformation (BEST) Project

Client: Department of Environment (DoE)
Funded by: The World Bank

Project: Technical study on introducing area-based water tariff for Dhaka WASA

Client: Wateraid Bangladesh

Empowering Financial Innovation for a Digital Future

EQMS delivers secure and scalable fintech and digital solutions that enhance financial inclusion, operational efficiency, and data-driven decision-making. Our services support digital transformation across payments, analytics, cybersecurity, and platform development.

Services

 Mobile Money Expansion	 Digital Lending & Microfinance
 Insurtech (Digital Insurance)	 Blockchain & Cryptocurrencies
 Payments & E-commerce Integration	 Remittances & Cross-Border Payments
 Fraud Prevention & Cybersecurity	 Financial Analytics



Tools We Use



Blockchain Platform like Ethereum, Stellar



Biometric Authentication



Payment gateways



Analytics and BI



Multi-factor Authentication



Google Cloud

GIS, RS and Surveying Services

EQMS provides advanced geospatial, GIS, and surveying services using state-of-the-art technologies. Our solutions support planning, monitoring, and data-driven insights across infrastructure, urban development, environmental management, and social programs.

Services



**Aerial/
Drone Survey**



**Digital Land
Survey**



**Urban
Planning**



**Geotechnical
Investigation**



**Mapping
and Data
Visualization**



**Interactive
Mapping Portal
and Dashboard**



**Geospatial Data
Collection and
Management**



**Topographic
and Cadastral
Survey**



**Advanced Spatial
Analysis and
Modeling**

Tools We Use



Drones: DJI Mavic 3 Enterprise, Phantom 4 Pro V2.0



Single Beam Echosounder: SDE 285+



RTK GNSS Base & Rover: Emlid Reach RS3



Automatic Level: Sokkia B20



Total Stations: Sokkia IM-101, Leica TS06plus



Handheld GPS: Garmin MAP 78 SC & MAP 64S



Softwares



GIS: ArcGIS, ArcGIS Pro, QGIS, Global Mapper, GRASS GIS



Cloud GIS: ArcGIS Online Enterprise



Remote Sensing: ERDAS IMAGINE, ENVI, Google Earth Engine



Mobile Data Collection: QField, Survey123, Kobo Toolbox

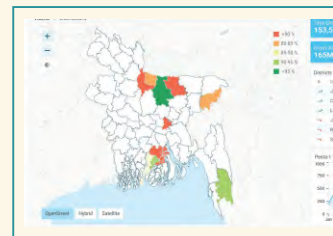
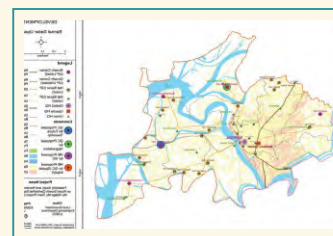
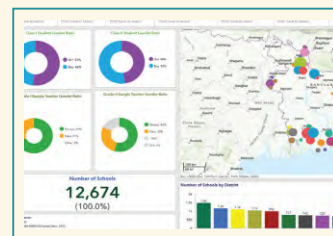
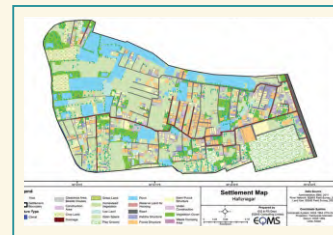


GNSS Post-Processing: Emlid Studio, Emlid Flow 360, RTK Lib, Hypac, AutoCAD Map 3D & Civil 3D



Photogrammetry: Agisoft Metashape Pro, DroneDeploy, DJI Pilot 2

Our Remarkable Projects



Project: Feasibility study survey of selected settlements for project up-scaling of Low Income Community Housing Support Project (LICHSP) project.

Client: National Housing Authority (NHA)

Funded by: The World Bank (WB)

Project: GIS coordinates Collection of 12,635 Schools for USAID's Esho Shikhi Activity.

Client: Winrock International

Funded by: United States Agency for International Development (USAID)

Project: Carrying Out Feasibility Study and Review Study on Rural Growth Centre/Hat Bazar.

Funded by: Local Government Engineering Department (LGED)

Project: Digital Topographic Survey of Bridges under Dhaka, Sunamganj & Patuakhali Districts (Package No. FS/23-24/DTS-9).

Funded by: Local Government Engineering Department (LGED)

Project: Using Geospatial technology to improve maternal and child health services in Bangladesh.

Client: United Nations Children's Fund (UNICEF)

Laboratory Services

EQMS operates internationally accredited environmental and material testing laboratories, delivering high-quality analytical services for air, water, soil, noise, and vibration. Our certified facilities ensure accuracy, compliance, and reliability for regulatory and industrial applications.



Wet Laboratory

A fully equipped wet laboratory providing high-accuracy chemical, environmental, and material testing in line with ISO, ASTM, and APHA standards, with advanced instruments, over 120 water test capabilities, and on-site analysis through portable testing kits.



Atmospheric Research Center

- Air Quality and Stack Emission/Flue Gas Monitoring
- Noise and Vibration Level Measurement
- Indoor Workspace Condition Assessment
- Micro-climate Condition Monitoring



Soil Laboratory

All types of soil quality analyses are available at the soil testing facility, conducted in compliance with national and international standards.



Biological Laboratory

All types of microbiological testing, including phytoplankton, zooplankton, and nektons, are conducted in accordance with national norms and international guidelines.

Consultancy & Certification Support

EQMS provides comprehensive consultancy and technical support for organizations seeking to implement internationally recognized ISO services and achieve accredited certification. Our ISO advisory services are designed to strengthen institutional governance, improve operational efficiency, and ensure compliance with international standards across diverse institutions and organizations including energy, manufacturing, infrastructure, and environmental services

Major Services

 ISO 9001:2015 – Quality Management Systems	 ISO 50001:2018 – Energy Management Systems	 ISO 14001:2015 – Environmental Management Systems
 ISO 45001:2018 – Occupational Health & Safety Management Systems	 ISO/IEC 27001:2022 – Information Security Management Systems	 ISO 26000:2010 – Social Responsibility Management System
 ISO 14064-1:2018 – Greenhouse Gas Accounting and Reporting	 ISO 10691:2004 – Gas cylinders (LPG)	 ISO 31000:2018 – Risk Management Framework
 ISO/IEC 17025:2017 – Testing and Calibration Laboratories	 IATF 16949:2016 – International Standard for Automotive Quality Management Systems	 ISO/IEC 17020:2012 – Inspection Bodies

Our Remarkable Projects

Project: ISO 14001 Implementation and Certification Support for MBEYA Cement Company Limited

Client: MBEYA Cement Company Limited, Tanzania

Project: ISO 27001:2022 – Implementation and Certification Support for Agrani Bank PLC

Client: Agrani Bank PLC, Bangladesh

Project: ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 Services for General Eco Tech Limited

Client: General Eco Tech Limited, Bangladesh

Project: ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 Services for Beximco LPG Unit 1

Client: Beximco LPG , Bangladesh

Project: ISO 10691:2004 Certification Services for Beximco LPG Unit 1 Limited

Client: Beximco LPG, Bangladesh

Project: IATF 16949:2016 Certification Services for ACI Motors Limited

Client: ACI Motors Limited, Bangladesh

Project: ISO 14064-1:2018 Services for Taqwa Fabrics Limited

Client: Taqwa Fabrics Limited, Bangladesh

Land Acquisition & Resettlement

Facilitating Land Acquisition, Enabling Resettlement Process

EQMS delivers end-to-end land acquisition and resettlement services in line with World Bank, ADB, IFC, and AIIB safeguard standards. We support fair compensation, stakeholder engagement, livelihood restoration, and socially responsible project implementation.



Services



Resettlement Policy Framework



Livelihood Restoration Plan (LRP)



Indigenous Peoples Planning Framework



Gender Action Plan



Resettlement Action Plan (RAP)



Stakeholder Engagement Plan



Land Acquisition Plan (LAP)



Gender Based Violence Prevention Plan

Tools We Use



ADB ESS /SPS-2009



IFC Performance Standards



World Bank ESF



SPSS



AIIB ESF



JICA Guidelines for E&S Considerations.



Autocad



Excel



Equator Principles



KfW and DEG E&S Guidelines



Drone



CMAIS

Our Remarkable Projects

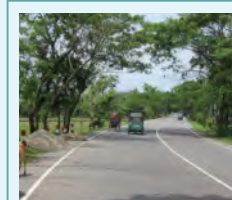
EQMS



Project: Implementation of Resettlement Action Plans/ Social management plan SMPs for Bangladesh Regional Waterway Transport Project-1 (BRWTP-1).

Client: Bangladesh Inland Water Transport Authority (BIWTA)

Lender: The World Bank (WB)



Project: Implementing Resettlement Plan of Sylhet Charkhai Sheola Highway Improvement Project.

Client: Roads and Highways Department (RHD)

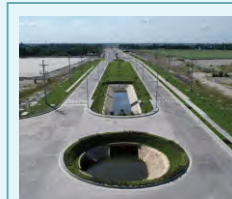
Lender: The World Bank (WB)



Project: Income and Livelihood Restoration Program Including Training on IGA for the Vulnerable Groups.

Client: Roads and Highways Department (RHD)

Lender: Asian Development Bank (ADB)



Project: Preparation of Resettlement Action Plan for Araihaazar Economic Zone.

Client: Bangladesh Economic Zones Authority (BEZA)

Funded by: Japan International Cooperation Agency (JICA)



Project: Preparation of Resettlement Action Plan (RAP) for Rampura Amulia Demra Road Project in Bangladesh.

Client: Roads and Highways Department (RHD)

Funded by: Asian Development Bank (ADB)

Innovative Water Solutions for a Sustainable Future

EQMS provides integrated water resource and hydraulic engineering solutions, supporting sustainable management of surface and groundwater systems. Our services address water security, flood risk, sanitation, and industrial water management challenges.

Services

 Flood Risk Assessment	 Hydraulic Design Engineering	 Wastewater Management & Zero Liquid Discharge Plan	 Water Supply & Sanitation Network Modeling
 Bathymetric Survey	 Drainage System Design	 Hydrological and Hydrodynamic Modeling	 Hydrographic & Oceanographic Survey
 Design of SWTP	 Thermal Plume Water Modelling	 Geophysical Exploration & Groundwater Modeling	 Groundwater Mapping and Pollution Analysis

Tools We Use

 Multi-Beam Echo-Sounders	 HEC-RAS (for river flow and floodplain modeling)
 ArcGIS (for spatial analysis and mapping)	 MIKE 11 (for hydrodynamic simulation)
 mWater App (for field data collection & monitoring)	 HEC-HMS (for rainfall-runoff simulation)

Our Remarkable Projects

Project: Water Quality Analysis ,Hydro-Morphological, Numerical Modelling, and Riverbank Erosion and Riverbed Level Monitoring Analysis, and Monthly Monitoring Program.

Client: ZHEC-BOW-SMEDRIC JV

Project: Thermal Plume Water Modeling for The Power Plant in Meghnaghat.

Client: Samsung C&T

Project: Verification of Safe Water Services in Khulna District of Bangladesh.

Client: Uptime Global (UK)

Project: Feasibility Study for The Surface Water Treatment Plant Under Establishment of 99 Composite Brigade for Safety and Security of Padma Multipurpose Project at Jazira Shariatpur.

Client: Military Engineer Services

Project: Upgraded Zero Discharge Plan (ZDP) for The Confidence Power Bogra Limited, and Confidence Power Bogra Unit-2 Limited.

Client: Confidence Power Bogra Limited

Resource Efficient & Cleaner Production (RECP)

EQMS supports industries in improving resource efficiency, energy performance, and environmental compliance. Through audits, process optimization, and clean technology solutions, we help clients reduce costs while enhancing sustainability outcomes.

Services

 Resource Efficiency Analysis and Management	 Energy Efficiency Check and Energy Audit	 Clean Energy Transition Plan	 Rainwater Harvesting Design
 Efficient Ventilation Design	 Efficient Compressed Air Network Design	 Smart Lighting and LED Retrofit	 Efficient Steam Network System
 Boiler Efficiency Assessment	 Air Pollution Control Measure	 Noise Pollution Control Measure	 Waste Recycling and Minimization (3R)
 Production Process Improvement (Lean)	 ETP, STP and WTP Assessment and Design	 Water Audit and Water Efficiency Assessment	 Zero Liquid Discharge Design (ZLD)

EQMS

Our Remarkable Projects

Project: Technical Consultancy on Implementing Environmental and Social Compliance Initiatives in RMG Factories .

Client: Swisscontact

Funded by: Swedish International Development Cooperation Agency (SIDA) & Swiss Agency for Development and Cooperation (SDC)

Project: Technical Consultancy for Improving Productivity, and Environmental and Social Compliance for 06 RMG Factories.

Client: Swisscontact

Funded by: Swedish International Development Cooperation Agency (SIDA) & Swiss Agency for Development and Cooperation (SDC)

Project: Energy Assessments on Potential GCPF Sub-Loans to be Reported by GCPF's Partner Financial Institutions Based in Bangladesh for 04 industries.

Client: Global Climate (Partnership Fund)

Project: Resource and Energy Efficiency Check Program (REC-Program).

Client: KFW, DEG Impulse

Project: Zero Liquid Discharge Design (ZLD) for Everbright Sweaters Limited (ESL).

Client: Everbright Sweaters Limited (ESL)



Future-Ready Policies Through Rigorous Research

EQMS delivers policy research, impact assessment, and advisory services to support governments and institutions in designing future-ready, evidence-based policies. Our work combines analytical rigor with sector expertise and stakeholder engagement.

Services

 Policy Briefs and White Papers	 Policy Advisory and Research Services	 Macroeconomic and Sectoral Modeling
 Feasibility and Impact Assessments	 Capacity Building and Stakeholder Engagement	

Tools We Use

Reference Management Software	 Zotero
Qualitative Data & Content Analysis Software	 Nvivo
Mapping Research Trends	 CiteSpace
Document Analysis	   Microsoft Excel Python R

Our Remarkable Projects

Project: Feasibility Study and Preparation of DPP for Bangladesh Environmental Sustainability and Transformation (BEST) Project.

Client: Department of Environment

Project: Feasibility Study and Development of Guidelines on Green Sukuk for the Shariah Based Banks and Financial Institutions.

Client: Bangladesh Bank

Project: EIA Country Study in Bangladesh.

Client: Institute of Global Environmental Strategies

Project: Policy Review and Forecast of Waste Collection & Disposal at DNCC Area.

Client: WTE Power Plant North Dhaka Private Ltd

Project: Preparation of M&E Guidelines on Industry, Power, and Energy.

Client: Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning



Social Safeguards and Advisory Services

Building Socially Inclusive and Sustainable Futures

EQMS provides comprehensive social safeguard, inclusion, and community development services to ensure socially responsible and compliant project delivery. Our approach promotes equity, resilience, and long-term social value across development initiatives.

Services



Planning & Assessment

- Social, health, and human rights impact assessments (SIA, HIA, HRIA).
- Management and action plans (SMP, ESAP, ESCP, GAP, CSR, IAP, LMP, CDP).
- Stakeholder engagement plan & grievance redress mechanism.
- Social management and community need assessment frameworks.



Survey & Research

- Census, socio-economic and market surveys.
- KAP studies and social feasibility analysis.
- Poverty & vulnerability research, thematic studies.



Compliance Audit & Monitoring

- Environmental and Social Due Diligence (ESDD).
- Safeguard compliance, labour and OHS audits.
- Baseline, mid-term, and end-line evaluations.
- Independent/third-party monitoring.



Policy & Institutional Development

- Social policy formulation & poverty reduction strategies.
- Strategic social development and risk management planning.
- Organizational capacity assessment and strengthening.
- Leadership, governance, and accountability mechanisms.



Community Engagement & Development

- Community participation frameworks & PRA.
- Mobilization strategies and advocacy campaigns.
- Social inclusion strategies.



Humanitarian Support & Climate Resilience

- Social protection programs (cash/food aid).
- Disaster risk reduction and post-disaster recovery.
- Refugee and Displacement support services, Forced migration.
- Climate adaptation planning, resilience & livelihood programs.



Gender Equality & Social Inclusion

- Gender Equality, Disability, and Social Inclusion.
- Women's empowerment and child protection programs.
- Capacity building on gender and inclusion.



Training & Capacity Building

- Training needs assessment & skill mapping.
- Training of Trainers (ToT) and TVET.
- Social accountability training.
- Training on environmental & social safeguard standards (WB, IFC, ADB, etc.).
- Digital upskilling and entrepreneurship programs for women and youth.



Our Remarkable Projects

Project: E&S Preparation study for the water supply, inclusive Sanitation (fecal sludge and Solid waste management) and Hygiene project in 7 towns of Bangladesh.

Client: Department of Public Health Engineering (DPHE)
Funded by: Agence Française de Développement (AFD)

Project: On-site Sanitation Compliance Assessment for Dhaka North City Corporation (DNCC).

Client: United Nations Children's Fund (UNICEF)
Funded by: Bill & Melinda Gates Foundation

Project: Consultancy Services for Carrying Out Environmental, Health and Safety, and Social Safeguards Compliance Audit of Kenya Urban Support Program.

Client: State Department for Housing and Urban Development
Funded by: The World Bank (WB)

Project: Identification and Listing of BPL Households for Shasthyo Shuroksha Karmasuchi (SSK) in Barishal District

Client: Health Economics Unit, Ministry of Health and Family Welfare

Funded by: Government of Bangladesh (GoB)

Tools We Use



World Bank ESF



IFC Performance Standards



JICA Guidelines for E&S Considerations



AIIB ESF



KfW and DEG E&S Guidelines



Equator Principles



Focus Group Discussion (FGD) Guides



Key Informant Interview (KII) Checklists



Participatory Rural Appraisal



ArcGIS



Excel



Mergin Maps



KoboToolbox



SPSS



NVivo



IT and Software Services

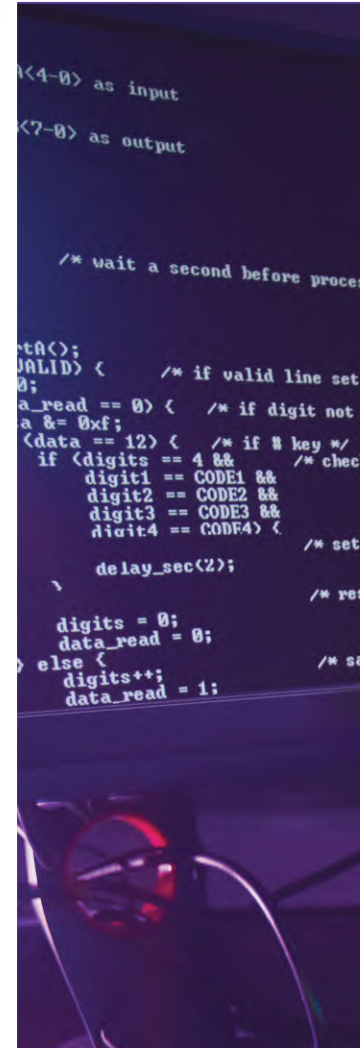
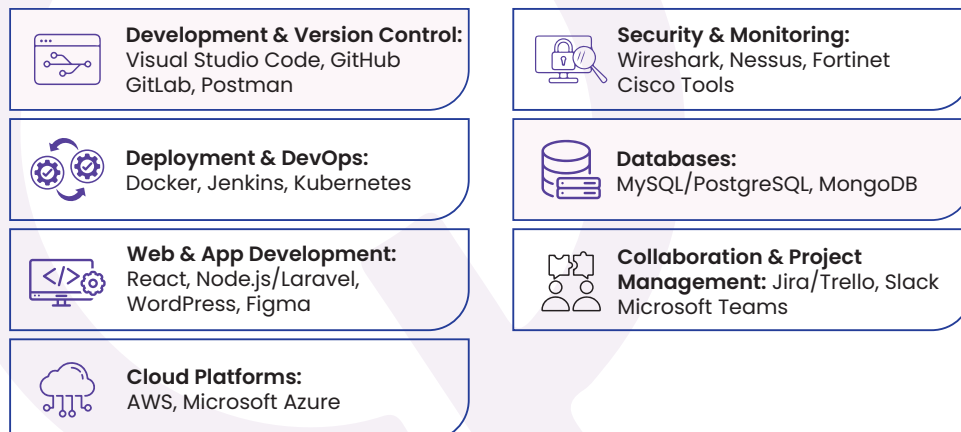
Empowering Digital Transformation with Tailored IT Solutions

EQMS delivers tailored IT and software solutions that enhance operational efficiency, data management, and digital service delivery. Our offerings support organizations across sectors in achieving scalable, secure, and integrated digital transformation.

Services



Tools We Use



EQMS

Our Remarkable Projects

Project : Consultancy Services for Institutional Capacity – Human Resources Development Plan for The Department of Livestock Services (DLS).

Client: Department of Livestock Services (DLS)

Funded by: The World Bank (WB)

Project: Using Geospatial technology to improve maternal and child health services in Bangladesh.

Client: United Nations Children's Fund (UNICEF)



Ecology & Biodiversity Conservation

Shaping Spaces with Purpose and Precision

EQMS provides expert services in biodiversity assessment, ecological monitoring, and conservation planning. Our work supports sustainable development, regulatory compliance, and long-term ecosystem stewardship.

Services



Ecological Baseline Survey



Wildlife Population Study



Master Plan Preparation



Ecological Impact Assessment



Fisheries Resources Study



Feasibility Study



Critical Habitat Assessment



Phytosociological Analysis and Species Diversity



Conservation Action Plan Preparation



Biodiversity Management and Monitoring Plan



Dolphin & Aquatic Megafauna Survey



Ecosystem Services Assessment and Valuation



Greenbelt Development Plan



Shorebirds and Migratory Winter Bird Survey



Conservation Awareness and Capacity Building



Ecological Monitoring



Turtle and Tortoise Survey



Bird and BAT Survey

Tools We Use



Optics & Cameras:

Vortex Viper HD 20-60x85 SpottingScope, Binoculars (Nikon), DSLR Cameras (Nikon, Canon & Panasonic)



Survey & Measurement:

Rangefinder (Nikon), Clinometer, Densimeter, Quadrat Frame, Diameter Tape



Lab & Sampling:

Compound Microscope (AmScope), Plankton Net, Grab Sampler, Benthos Sieve

Our Remarkable Projects



Project: Development, Management and Supervision of Biodiversity Conservation Plan of Bangladesh Regional Waterway Transport Project 1.

Client: Bangladesh Inland Water Transport Authority (BIWTA)

Funded by: The World Bank (WB)



Project: Consultancy Services for Feasibility Study and Developing a Master Plan for Bhawal National Park.

Client: Bangladesh Forest Department (BFD)



Project: Spoon-billed Sandpiper Conservation Program

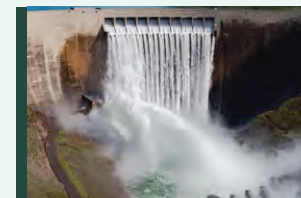
Client: Bangladesh Forest Department (BFD)

Funded by: The World Bank (WB)



Project: Development of a Conservation Management Plan and Operational Guideline for Sustainable Management of the Halda River.

Client: Department of Environment (DoE)



Project: Development of Natural Resources Policy for the Kingdom of Lesotho

Client: Ministry of Natural Resources (MNRS), Lesotho.

Training

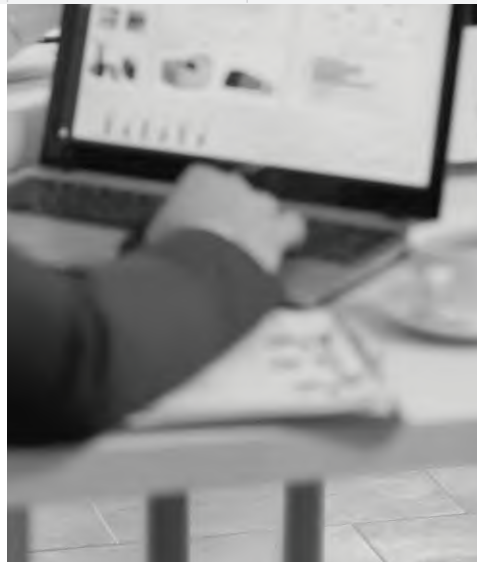
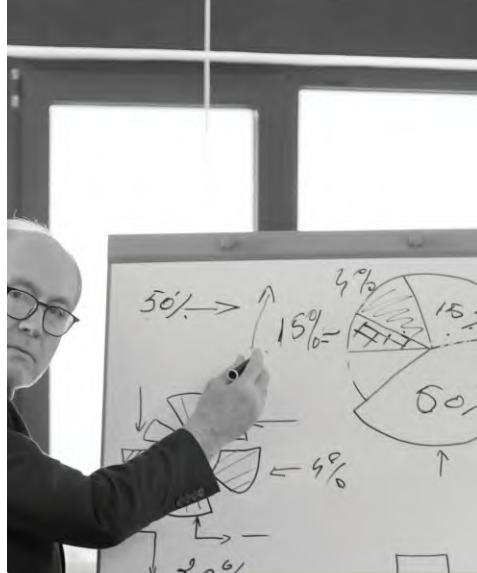
EQMS delivers research-driven training and capacity-building programs aligned with organizational and community needs. Our programs strengthen technical, institutional, and ESG capabilities to support sustainable and inclusive development.

Services

 Training Needs Assessment	 Training Planning	 Training Design	 Module Development
 Organizing Training	 Conducting Training	 Pre-Post Assessment	 Training Report Preparation

Tools We Use

 E-learning platforms	 Assessment & feedback forms
 Multimedia resources (presentations, videos, animations)	 Interactive software & applications
 Training manuals & handbooks	 Monitoring & evaluation templates



Our Remarkable Projects



Project: Consultancy Service Providers for Providing Skills Development Training Services to RMG Workers.

Client: Swisscontact – Bangladesh



Project: Consultancy on Implementing Environmental & Social Compliance Initiatives in Ready-made Garments (RMG) Factories in Dhaka, Gazipur, Narayanganj and Chattogram for the PROGRESS Program.

Client: Swisscontact – Bangladesh



Project: Improving Workers productivity of textile Industry in Bangladesh Module Development and Training Enrollment.

Client: Solidaridad Network Asia (SNA)



Project: Training of Trainers (ToT) on taking Covid-19, subsequent preventive measures, and legal implication at the workplace.

Client: Stockholm International Water Institute (SIWI)

Funded by: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)



Project: Assessment to Identify Areas of Improvement in Occupational Health & Safety (OHS) Practice in Skillful Partner Training Service Provider (TSP) Centers – 31 centers around Bangladesh.

Client: Swisscontact



EQMS Consulting Limited

info@eqmscl.com | www.eqmscl.com