**The Targeting Businesses of SUSTAINABLE RESEARCH AND CONSULTANCY LTD. (SRCL)are as Follows**

1. **SustainableIndustry Management Business**

SUSTAINABLE RESEARCH AND CONSULTANCY LTD (SRCL) will be a leading provider of Environmental, Social and Economic consultancy services to businesses within a broad range of different manufacturing and commercial sectors. SRCL provides industrial and non industrial sector clients with globally integrated expertise across a broad range of technical services that combine to address most critical environmental, social and economic issues within the framework.

**1.1 Industrial Asset Acquisition and Realization**

* Environment friendly industry
* Green Infrastructure Planning, Design and Engineering
* Planning and Regulatory Approval

**1.2 Industrial Operational Management**

* Chemical Spill Prevention and Response Planning
* Hazard And Risk Identification and Personal Protective Equipment (PPE) Design, Supply And Implementation
* Energy and Water Resource Design and Construction Management
* Human Health Risk Assessment and Toxicology
* Permitting and Regulatory Compliance
* Site Restoration and Redevelopment
* Waste and Wastewater Strategy, Design and Construction Management

**1.3 Industrial Asset Management**

* Exit Due Industry design
* Decommissioning Plans and Closure

Services offered to our manufacturing and commercial sector clients will vary,integrated and designed to lead to successful realisation and optimum performance of assets potential. We will also able to offer services that minimise the loss of asset value from operational incidents thereby maximising value.

1. **Infrastructure**

SRCL will be a strong provider of environmental scientific and engineering services to government and private clients delivering projects across the export oriented industrial infrastructure, transportation, public infrastructures and government works sectors.We will support the conceptual and detailed design, assessment and operational phases of major projects involving:

* Export Oriented Industrial Infrastructures green and general architectural design and constructions
* Energy Generation and Transmission architectural design and constructions
* Communications Networks architectural design and constructions
* Health Facilities and Civic Buildings architectural design and constructions
* Design monitoring and management
* Environmental assessment
* Planning and approvals
* Site optimisation and route selection
* Stakeholder engagement and consultation

1. **Renewable Energy and Low Carbon Management**

SRCLwill support expert knowledge with an extensive range of renewable technologies and infrastructure including;

* Biomass, biogas and other fossil uses
* Carbon emission calculation and reduction process management
* Geothermal & ground energy systems
* Grid connection and infrastructure
* Hydro power
* Solar power import and implementation
* Wave and tidal energy design and constructions
* Wind energy design and constructions

Our dedicated renewableenergy team will be committed to deliver the best level of advice and expertise, encompassing the complete  lifecycle renewable and low carbon energy spectrum, specializing in the following;

* Renewable energy capacity studies
* Site identification, project feasibility and implementation
* Meteorological data analysis and climate modeling
* Due diligence and economic appraisal; identifying and gaining energy grants
* Concept and detailed engineering design studies, plant sizing, specifications
* Project development including planning, permitting and compliance support

1. **Integrated and Sustainable Waste Management**

SRCL Consulting will be a provider of environmental consultancy services to the waste and recycling sector, provide advice to a wide range of clients including waste producers, the waste management industry, its regulators and investors.The waste management philosophy will develop by SRCL Consulting follows an established **waste hierarchy** of waste prevention, minimisation, reuse, recycling, energy recovery and final disposal.

The global SRCL team will provide practical **advice on all waste types**, includingmunicipal, household, commercial, industrial, hazardous, agricultural, and, mining waste.  SRClwill offer the following services:

**Client Services will Offer**

* Public sector waste support
* Private sector waste generous companies
* Advice to waste management financial sector
* Construction Companies and Waste Technology Providers

**Technical Service will Offer**

* Sustainable and modern Waste strategy and plan development
* Advanced waste treatment technology and disposal advice
* Regulatory approvals for all facility types (planning, permitting and EIA)
* Infrastructure Design, build and contract
* Waste logistics and routing
* Fee collections and commissioning

1. **Water Management Divisions**

**5.1Water Purification and management**

The SRCL will provide the services for clients in different sustainable water sectors management including public and private segment. They are as follows:

* Sustainable surface water treatment
* Sustainable groundwater treatment
* Advance drinking water treatment
* Sustainable Water reuse
* Desalination plant
* Sustainable Brine and concentrate management
* Membrane filtration
* Nanofiltration
* Sustainable Reverse osmosis
* UV disinfection
* Advanced oxidation
* Concentrate management
* Natural treatment systems
* Sustainable water distribution
* Master planning for sustainable utilities
* Sustainable operations management

**5.2Sustainable Industrial, Household and Urban Waste Water Treatment and Management**

The SRCl will provide the following sustainable and advance waste management facilities to the honorable clients

* Air quality, odor control and safety management
* Conceptual design
* Cost estimating
* Detail design
* Feasibility studies
* Integrated resource recovery
* Master and facility planning
* Materials handling
* Mine remediation and closure
* Natural treatment systems
* Operations and management
* Permitting
* Pilot testing and scale-up
* Project management
* Quality assurance and quality control
* Residuals resource recovery management
* Resource separation and concentration
* Start-up and commissioning
* Sound pollution management
* Wastewater treatment/reclamation
* Water quality compliance
* Water resource management
* Water treatment
* Wet weather flow treatment

**5.3Easy Solution for Industry and Water Management**

* Facility automation
* Effluent Treatment Plant (ETP) design, import and set up
* Master planning and set up Water Treatment Plant (WTP)
* Environmental Impact Assessment (EIA) for industries and infrastructures
* SCADA design
* Integrated security and emergency preparedness
* Smart grid research and analysis
* Real-time data integration and visualization
* Water information management

**5.4Water Resources Management**

* Integrated water resource management
* Climate risk and resilience
* Natural infrastructure planning and design
* Coastal planning and engineering
* Flood risk management
* Watershed management
* Water quality management
* Water supply services
* Ecosystem planning and restoration
* Agricultural water services

**5.5Water Storage**

* Condition assessment and rehabilitation
* Conveyance design
* Corrosion engineering
* Dams and levees
* Hydropower
* Wastewater collection and wet weather services
* Urban infrastructure asset management
* Water distribution solutions

1. **Roads and Highways**

* Highway and bridge engineering design
* Program and construction management
* Related stakeholders training and certification
* Drivers, helpers, health issues, licenses issues and combined certifications
* Asset and operations management
* Transport planning
* Public-private partnerships (P3) client advisory
* Environmental documentation
* Highway and traffic safety
* Intelligent transportation systems
* Mileage-based user fees

1. **Coastal Port and Maritime Development**

* Master planning
* Operations planning
* Automated container terminals planning and design
* Marine facility engineering design
* Coastal protection and engineering
* Environmental documentation
* Underwater inspection, rehabilitation and repair
* Program management
* Construction management
* Capital planning
* Management consulting

1. **Commercial and Industrial Zone Development**

* Strategic planning – regional and economic
* Master planning and urban design
* Site selection and land planning
* Infrastructure development
* Urban transport systems development and optimization
* Manufacturing integration
* Lean design and integrated architectural-engineering design
* Sustainability assessment and rating systems (smart cities)
* Procurement planning and implementation
* Security systems planning and design
* Construction management and design-build
* Program management and delivery

1. **Ecosystem Management**

The SRCl will provide the following sustainable and advance Ecosystem Management facilities to the honorable clients

* Integrated water resource Research and management
* Climate risk and resilience Research and management
* Natural infrastructure planning and design
* Coastal planning and engineering
* Flood risk management
* Watershed management
* Water quality management
* Water supply services
* Ecosystem planning and restoration
* Agricultural water services

1. **Oil, Coal and Gas**

SRCL will provide on a global basis, services for all stages of the oil, coal and gas value chain; from exploration through to market throughout the globe.  Our combined technical background will enable the service team to develop holistic risk management solutions that integrate social and environmental risk. The SRCL authority will also done his business by consulting expertise in exploration and socio economic risk management build on the full range of operational services ranging from seismic acquisition through to oil and gas infrastructure, environmental, planning and permitting.

Within the broad oil and gas sector we will provide support across the following core service areas:

* **Strategic**
  + Green Business consulting
  + Sustainable Exploration services
* **Technical**
  + Sustainable Carbon management
  + Modern and sustainable Water management
  + Green Wastes management

1. **Occupational Health services**

* Consultancy about industrial, transport and othersectors labor health and safety issues
* Provide and documentation of the medical services for initial health safety program
* Different organizations policy implementation (ILO, OSHA, LEED, SAPTA, EU, EC, ACCORD, ALLIENCE and others)
* Reporting (Monthly, half yearly and annually)

1. **Research Logistic Support**

The SRCL research activities will include these following topics:

* Course or batch wise seasonal tour (undergraduate / post graduate program)
* Field work
* Practical work
* Different groups field visits and
* Multidisciplinary / Interdisciplinary field work with special purposes
* Study area selection
* Sample size determination
* Questionnaire preparation
* Methodology identification
* Field/industrial survey
* Social and technical survey
* Laboratory support
* Co-supervisor meeting
* Visit opportunity with BRAC
* NGO / GO office visiting
* Report writing
* Local Transport (Microbus, Private transport, Motorcycle, Boat and others)
* Hotels and Residences
* Interpreter and guide
* NGO/GO (Local and International) officials meeting set up

1. **New Market Development**

The SRCL will Support with entering new markets by assisting our clients spread their portfolio risk. Like as,

* Set up new green buying house, linked with the international sustainable buyers, communicate with the international sustainable communities, international fair and conferences arrangements, designing new project to visualize clients’ products in the world market.
* Support the capital projects portfolio wherever appropriate
* Addressing HSE performance improvement issues such as the implementation of global audit programs, including the development of leading edge behavioral based safety programs
* Creating and implementing strategies and tactics to sustainably retire assets and to support the refurbishment of brownfield sites for renewed economic development

1. **Air Quality and Climate Change Services include**

* Licensing, permitting, architectural design and construction of brick field and industry
* Ambient air impact assessments and monitoring
* Air pollution dispersion modeling and health risk assessment
* Facility and capital project siting assessments
* Comprehensive and streamlined air quality compliance systems
* Data management tools and systems
* Emissions measurement, CEM systems, stack testing, GHG measurement, LDAR and smart LDAR
* Emissions inventories
* Air pollution control technology assessment design/build turnkey solutions
* Catastrophic release modeling and upset assessment
* Litigation support
* Carbon management and strategy including marginal abatement cost curves
* Emissions trading, carbon credits and carbon liability advisory services
* Energy mapping, efficiency and management
* Climate change risk, adaptation, mitigation strategy and implementation

1. **Corporate Sustainability Strategy Services**

**Strategy and Systems**

* Sustainability Strategy, Platform Development, Goal-setting
* Materiality Assessments
* GRI Reporting and Stakeholder Disclosures
* Supply Chain Strategy, Management and Audits
* Third-Party Data Assurance and Verification
* Information Technology Solutions
* Stakeholder Engagement and Public Affairs

**Enterprise Operations**

* Greenhouse Gas Management/Climate Change Adaptation and Resilience
* Resource Efficiency Strategies and Programs – Energy, Water, Materials, Waste

**Product Sustainability**

* Life Cycle Assessments
* Product Stewardship Registration and Environmental Product Declarations

1. **Impact Assessment and Planning Services**

* Site and Route Selection Studies
* Risk Software Development
* Fire & Gas (F&G) mapping
* Environmental, Social, Health and Economic Impact Assessments
* Equator Principles and IFC Performance Standards Reviews
* Environmental, Social and Health Management and Action Plans
* Biodiversity Monitoring and Management Plans
* Resettlement Planning and Implementation Support
* Land Use Planning, Masterplans, and Landscape Architecture
* Permitting Requirements Analyses and  Support
* Public Consultation and Stakeholder Engagement
* Management and Monitoring of Environmental, Social and Health aspects during Project Construction

1. **Contaminated Site Management Services**

* Decommissioning, Decontamination and Demolition (DDD) services
* Sediment management and remediation
* Remediation Portfolio & Reserve Assessments
* Sustainable solutions, including “green” remediation
* Field Investigations
* Conceptual and Numeric Fate & Transport Modeling
* Human Health and Ecological Risk Assessments
* Remedial Options Appraisal
* Remediation
* Remediation Engineering & Construction Management

1. **Risk Management Services**

* Project risk and safety support, including decision support
* Quantitative Risk Assessments (QRA)
* HAZID, HAZOP, FMEA Reviews
* HSE Impact Assessments (HSEIAs)
* Bridging Documents
* Firewater Design
* Bow-tie Analyses, Safety Critical Elements Identification and Performance Standards
* Emergency Response Assessments and Planning
* Reliability, Availability, and Maintainability (RAM) Studies
* Corporate Risk Profiling
* Enterprise Risk Management

1. **Transaction Services**

The SRCL will also provide the following transaction facilities for clients

* SME, corporate, joint bank loan, EF fund, green loan, sustainable loan international bank loan consultancy and documentation support
* ESG and sustainability due transport and industry sectors for acquisitions, divestitures, mergers, joint ventures, IPOs, property sales and leases
* ESG and sustainability due diligence for project finance against the Equator Principles and International Finance Corporation (IFC) Performance Standards
* Adding Value through Responsible Investment: ESG policy and strategy development, including supporting our clients embed ESG considerations throughout their investment lifecycle
* Analysis for reserves, provisioning, asset retirement obligations, and financial reporting
* Deal Negotiation support
* Post-disbursement Integration support