

COMPANY PROFILE

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1.0. CONSULTANTS ORGANISATION AND EXPERIENCE

1.1. Consultants Organization

1.1.1. Background

Matex International is a private consulting firm, registered under the Business Names Registration Act (Cap. 46.02), and recognized as environmental impact assessment professionals by Malawi Environmental Protection Authority (MEPA). The company is also registered with Public Procurement and Disposal of Asset (PPDA) and Malawi Revenue Authority (MRA). The firm has extensive experience working with and for international organizations.

The firm has experts with relevant experience in **Environmental Management**, **Engineering**, **Energy**, **Water Resource Management**, **Business Development** and **Social Development**. The team, provides skills and experience with deep local setting knowledge, and believes that the key to success is to work in close collaboration with clients and surrounding communities to produce tailored, practical, and long-term technical, social, and environmentally sustainable outcomes. Thus, we approach any project holistically, taking into account not only the capital costs of implementation, but also the practicality, ease of maintenance, operational expenses, and any ongoing residual impacts. In addition, the firm has an extensive network with other consulting firms as well as individual consultants working in specialized fields to offer wide range of services.

Some of our main clients include, among others, the Government of Malawi through various Ministries, Department and Agencies (MDAs), the World Bank, European Union, African Development Bank, Norfund and the private sector.

Our Strength

A key differentiator for Matex International is our local experience. We understand the complex political, social, economic and financial challenges that Malawi is facing, and we strive to develop solutions which are appropriate to the local context and culture with full participation of local communities.

Our values



Our core values are integrity, hard work, professionalism, inclusiveness and quality assurance. Our commitment to these core values and desire to stay connected to projects, activities, programmes and clients is what distinguishes us from other firms.

Services Provided

- Environmental and Social Impact Assessments;
- Energy and Climate Resilience;
- Training and Capacity Building;
- Regulatory Permitting and Compliance;
- Monitoring and Performance Assessment;
- Public Consultations and Stakeholder Engagement;
- Resettlement Action Plans;
- Feasibility Studies and Project Design;
- Baseline Surveys; and
- Project Monitoring and Evaluation.

1.2. Field of Specialization

Matex International has a client-centric business model that gives it the ability to deliver a wide range of its services throughout the nation. We have created the best team for our clients, developed strong client relationship and provide leading solutions on the market. The firm provides multidisciplinary services in the following sectors:

1.2.1. Environmental and Social Impact Assessment

Financiers, governments and investors require reliable assessments of potential project and programme impacts and corresponding feasible and cost-effective mitigation measures for decisions to be made to proceed with projects, programmes and investments. Matex International Ltd through its multidisciplinary team delivers Environmental and Social Impact Assessments, Environmental Audits and related services to help development projects and programmes proceed in an environmentally and socially acceptable manner.

Our safeguards scientists apply cutting-edge analytical skills to conduct biophysical and socioeconomic assessments, stakeholder and public consultations and risk assessments for Environmental Social Impact Assessment and Environmental Audits. Using innovative tools and our extensive experience, we work with our clients to produce results that meet regulatory and financiers' requirements to safeguard lives and the environment.

1.2.2. Natural Resources Management

The Matex International team of interdisciplinary experts comprising of water resource engineers, scientists, and planners are proven leaders in water resources through the development of



successful solutions for watershed management, catchment management, flood reduction, water supply, irrigation development and related natural resource issues.

We solve some of the most challenging and complex water and environmental issues using an interdisciplinary approach that engages our team's expertise in civil and hydraulic engineering, hydrology, climate resilience, habitat and forest restoration and biodiversity assessments, waste management and groundwater recharge. We routinely take projects from planning and design, construction and operation and maintenance.

1.2.3. Energy and Climate Resilience

At Matex International, we strive to work with our clients to integrate analytics and technology to solving energy and climate change induced challenges. Our services help investors and public sector clients to solve most complex energy and climate change problems using technology and engineering solutions from planning and design through implementation.

1.2.4. Training and Capacity Building

Our team specializes in training and capacity building providing expertise, guidance, and support to organizations seeking to enhance the skills, knowledge, and capabilities of their workforce.

we specify in areas of conducting analysis of the organization's current skill gaps, training needs, and capacity limitations, designs customized training programs, develops training materials, modules, and resources required for the training programs. This may include creating presentations, handouts, manuals, e-learning modules, and other instructional materials, conduct training sessions either onsite at the client's location or virtually.

Further we engage in broader capacity-building initiatives aimed at strengthening the organization's overall capabilities, monitors the effectiveness of the programs and evaluates their impact on the organization, and provide ongoing support to ensure that newly acquired skills and knowledge are effectively applied in the workplace.

Consultancy firm specializing in training and capacity building acts as a strategic partner to organizations, helping them to develop their human capital and build the capabilities needed to achieve their goals and objectives.

1.2.5. Regulatory Permitting and Compliance

Here at Matex International with our diverse community of experts we also offer services aimed at assisting businesses in navigating complex regulatory requirements and ensuring compliance with relevant laws, regulations, and permits.



we conduct in-depth research and analysis, help clients obtain necessary permits, licenses, and approvals from regulatory authorities, conducting thorough assessments of the client's current compliance status, develop tailored compliance strategies and action plans to address any gaps and ensure ongoing compliance, provide training programs and educational resources, offer ongoing monitoring and auditing services, assist clients in identifying and mitigating regulatory risks, providing strategic guidance.

Matex international serves as a trusted advisor to businesses, helping them proactively manage regulatory requirements and maintain a strong compliance posture in an ever-evolving regulatory landscape.

1.2.6. Technology and Innovation

Environmental and social data management, systems development, geospatial analysis, and visualization are core services at Matex International. Our scientists and engineers strive to collect and process data to improve quality of assessments conducted for our clients.

We assist our clients in developing environmental and social management systems that are informed by quality data collected and processed using innovative tools. We utilize up to date technology and innovations to solve environmental and social problems encountered by projects and investments. Furthermore, we excel at visual representation of site data to facilitate communication of complex concepts and the overall story of a project and programme.

Matex international recognizes the comprehensive nature of projects in the rural development set-up and therefore offers its services through a multi-disciplinary team of environmental experts, community development specialists, engineers, social scientists and economist and analysts with considerable experience in research and development, acquired both locally and abroad.

1.3. Organization

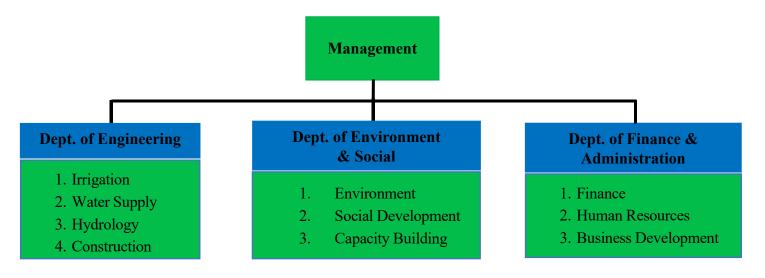
Matex International, has a client-centred model as such, we attempt to structure projects around the hands-on involvement of our core experts with local knowledge of the project areas. Experts from the firm, have experience of Malawi and makes them understand the very complex political, social, cultural, economic and financial challenges that Malawi is facing, and we strive to develop solutions which are appropriate and applicable to the local socioeconomic and cultural dynamics with full participation of local communities.

The firm, has six full time consultants with relevant expertise in Environmental Management, Physical Planning, Social Sciences, Engineering, Business social Development and Water Resources Management. The firm engages the services of well skilled and experienced Research



Assistants, from time to time, to assist in data collection, and analysis depending on the nature, size and location of the project. The firm also has fulltime Administrative Personnel to manage the office, type reports, assist in purchasing and issuing supplies and keeping records. A driver is also employed on full time, to assist in taking staff to the various places for field investigations and public consultations; and collection and delivery of office documents. Below is Matex International's organizational structure:

Matex International Organisation Structure





1.4. Consultant's Experience

Some of the "Key" projects that the firm has been involved with are as under the table below

Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
Installation and	X						
Operation of a 50MW							
Photovoltaic Solar Plant							
at Nkhoma, Lilongwe							
Installation and	X						
Operation of a 34MW							
Solar PV/50 MWh							
Energy Storage System							
in Zomba							
Installation and	X						
Operation of a 20MW							
Solar Powered Plant in							
Monkey Bay, Mangochi							
Installation and	X						
Operation of Chintheche							
Solar Power Plant 50							
MW in Nkhatabay							
District							
Establishment of a 150-	X						
MW Windfarm in							
Chipumulo –							
Chikhwengwe							
Construction of an	X						
Industrial Park at							
Chigumula in Blantyre							
District							



Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
Conduril Engenharia				х			
SA's Campsite and its							
Operations in Chikwawa							
District							
Installation and		X					
Operation of							
Pharmaceutical							
Incinerator at Njewa in							
Lilongwe District							
Construction of a Star	X						
Commercial Complex							
along Chileka Road at							
Kameza an Blantyre City							
Development and	X						
Operation of a Semi-							
intensive Fish Farm at							
Mchemela in Dowa							
District							
Development and		X					
Operation of an Events							
Complex Facility in Area							
32, Lilongwe City							
Installation and		X					
Operation of a Medical							
Oxygen and Nitrogen							
Manufacturing Plant							
Construction and		X					
Operation of Paphiri Fuel							



Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
Station in Lumbadzi,							
Lilongwe							
Installation and		X					
Operation of a Rice							
Processing Factory for							
Kajikhomele Foundation							
Limited in T/A Kyungu,							
Karonga District							
Development of a 400-	X						
hectare Irrigation Scheme at Mchemela in							
Dowa and Rice							
Processing Factory at							
Santhe in Kasungu under							
Mtalimanja Holdings							
Limited							
Sustainable Rural Water				X			
and Sanitation				^			
Infrastructure for							
Improved Health and							
Livelihoods (SRWSIHL)							
Project in Rumphi,							
Nkhotakota, Ntcheu,							
Phalombe and Mulanje							
Environmental and	X						
Social Impact							
Assessment and Land							
Reorganisation Exercise							



Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
for Mtalimanja Sugar Estates							
Preparation of Safeguard	X				X		
Documents for							
Agricultural Productivity							
Program for Southern							
Africa (APPSA)							
Raising and	X				X		
Rehabilitation of							
Kamuzu Dam I							
Agriculture Sector Wide	X				X		
Approach Support							
Project (ASWAp-SP)							
Financial Access for			х				
Rural Markets,							
Smallholders and							
Enterprise (FARMSE)							
Installation and	X						
Operation of a							
Cannabinoids Extraction							
Plant							
Thawale Quarry Mining	X						
Project at Kanyenyeva in							
Salima District							
Installation and	X						
Operation of a Soy Milk							
Extraction Plant by							
Lilongwe Dairy							



Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
Operation of a Dairy				x			
Processing Factory in							
Area 5, Lilongwe City							
and Milk Collection							
Depot at Goliati in							
Thyolo District by							
Lilongwe Dairy							
Malawi Gold Project –	X						
Cultivation and							
Processing of Medicinal							
Cannabis under Solar							
Powered Indoor and							
Outdoor Irrigation							
Two Intake Weirs in	X						
Lunyangwa River for							
Mzuzu City and							
Ekwendeni Township							
Jenda and Chilumba	X						
Water Supply Schemes.							
Installation and	X						
Operation of a Granular							
Fertilizer Production							
Factory in Liwonde,							
Machinga District							
Construction of		X					
Ekwendeni Water							
Treatment Plant, Service							
tanks, Installation of							



Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
Distribution System in							
Ekwendeni and Mzuzu,							
and Installation of							
Pumping System to							
Lusangadzi in Mzuzu							
Construction of 180		X					
Safe, Green and Climate							
Resilient Houses, and							
Restoration of Essential							
Infrastructure in Zomba							
and Phalombe Districts							
Agriculture Productivity	X				х		
Program for Southern							
Africa							
Bimbi Irrigation Scheme	X						
Project							
Operation of a 5 million-				X			
litre Fuel Storage Facility							
in Makata, Blantyre city							
by SIMSO Oil Company							
Limited							
Construction of Eleven	X						
Irrigation Schemes under							
Agriculture							
Infrastructure Support							
Project							
Construction and		X					
Operation of Brighto							



Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
Fuel Station at Liwonde Village, T/A Kanduku in Mwanza District							
Development of an Environmental Health and Safety Workplace Policy for Maone Fuel Service Station along Blantyre-Zomba Road in Blantyre City						x	
Recommissioning of SIMSO Oil Company Limited Filling Station in Kaporo, Karonga District		x					
Construction and Operation of SIMSO Oil Company Fuel Filing Station on Plot 47/923 in Area 47, Lilongwe		х					
Shire Valley Transformation Programme (SVTP), Phase 1: Detailed Design of Main Canal 2- Bangula Section, Lengwe National Park Section and Secondary Canals in Phase II		X			X		



Project	Environmental and Social Impact Assessment	Environmental and Social Management Plan	Environmental and Social Management Framework	Environmental Audit	Resettlement Action Plan	Environmental Health and Safety	Occupational Safety and Health
SVTP, Phase 1: Detailed		X					
Design of Main Canal 3,							
Secondary Canals and							
Remaining Works							
Training in Occupational							Х
Safety and Health, and							
Provision of Guidelines							
on the Development of							
an Occupational Safety							
and Health Policy for							
Tilitonse Foundation							



2.0. SOME OF MATEX INTERNATIONAL'S PROJECTS CONDUCTED IN DETAIL

No.	Assignment Name	Brief Project Description	Deta	iled Services Provided	Client
1	ESIA for the	Press Corporation intends to install a 50 Megawatt	•	Conducted desk	Press
	Installation and	(MW) solar photovoltaic power generation plant		study/literature review of i.e.,	Corporation
	Operation of a 50MW	at Nkhoma, in Lilongwe District. The company		review of national legal and	Limited
	Photovoltaic Solar	secured an approval from the Electricity Supply		policy framework relevant for	
	Plant at Nkhoma,	Corporation of Malawi (ESCOM), to connect to		the project;	
	Lilongwe	the 132KV busbar at its Nkhoma substation after	•	Identification of the existing	
		the implementation of the Malawi-Mozambique		bio-physical and socio-	
		400 KV transmission interconnection project. The		economic conditions of the	
		project will take about 10 months to construct and		proposed project area in	
		is expected to commence in March 2024. It is		terms of geology, soil, site	
		expected that the project will employ 10 people		topography, drainage	
		during planning phase 240 workers during		systems, temperature and	
		construction phase and 14 workers during		rainfall patterns etc.;	
		operation phase	•	Public engagement,	
				stakeholder mapping and	
				consultations with relevant	
				key informants i.e., Focus	
				Group Discussions with local	
				chiefs, mother groups, VDCs	
				and Lilongwe District	
				Council;	
			•	Conducted baseline socio-	
				economic surveys with	
				surrounding communities;	
			•	Review of national legal and	



No.	Assignment Name	Brief Project Description	Detail	ed Services Provided	Client
			•	policy framework relevant for the project; Review of project documents for the proposed project designs and provide a thorough analysis of project alternatives; Field investigations to identify potential environmental and social impacts from project activities; Determination of appropriate enhancement and mitigation measures; Development of an Environmental and Social Management and Monitoring Plan; and Prepared Environmental and Social Impact Assessment Report.	
2	ESIA for the	Greencells Group Holdings, a successful EPC and	•	Conducted desk	Greencells
	Installation and	independent power producer, intends to install a		study/literature review of i.e.,	Group
	Operation of a 34MW	34-megawatt (MW) hybrid solar photovoltaic		review of national legal and	Holdings
	Solar PV/50 MWh	power generation facility with 50 megawatt-hour		policy framework relevant for	
	Energy Storage	(MWh) energy storage battery on a private estate		the project;	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
	System in Zomba	(Mpalanganga Estate) at Changalume Turn Off in Zomba District to be located at Mpalanganga	Identification of the existing bio-physical and socio-	
		Estate and south-west of the Changalume ESCOM	economic conditions of the	
		sub-station. Electricity demand is estimated to be more than 700 MW (Malawi Government, 2018). However, the installed capacity for electricity generation is much less that the required	proposed project area in terms of geology, soil, site topography, drainage systems, temperature and	
		electricity. Out of the MW generated in the country, 99% is cascaded along the Shire River. Based on the failure of installed capacities to	rainfall patterns etc.; • Public engagement, stakeholder mapping and	
		guarantee energy security for Malawi, the national government developed an Independent Power Producer (IPP) Framework. In line with this	consultations with relevant key informants i.e., Focus Group Discussions with local	
		Framework and inadequate power generation, Greencells intended to develop and operate the	chiefs and Zomba District Council;	
		hybrid solar power generation facility that will feed into the nearby sub-station, and subsequently be distributed through the national grid system by	Conducted baseline socio- economic surveys with surrounding communities;	
		ESCOM.	 Review of national legal and policy framework relevant for the project; 	
			Review of project documents for the proposed project designs and provide a the proposed project are the	
			thorough analysis of project alternatives; • Field investigations to	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
			identify potential environmental and social impacts from project activities; • Determination of appropriate enhancement and mitigation measures; • Development of an Environmental and Social Management and Monitoring Plan; and • Prepared Environmental and Social Impact Assessment Report.	
3	ESIA for the Installation and Operation of a 20 MW Solar Powered Plant in Monkey Bay, Mangochi	Droege Energy plans to establish a 20-megawatt solar powered plant in Monkey Bay. The proposed project involves the construction and operation of a 20 MWp Monkey Bay Solar Plant ("the Project") and 2 MWh of Lithium-Ion Battery Storage. The solar technology selected for solar panels are built on photovoltaic monocrystalline cells. This type of panel has been in industry for more time than the Polycrystalline. Both types come from crystalline silicon, but monocrystalline panels have the highest efficiency rates. The generated electricity, about 33.68 GWh/year, will be fed into the existing grid network of Malawi.	 Field investigations including site assessments, stakeholder mapping and consultations and public consultative meetings; Identification of the existing physical and socio-economic environment of the proposed area in terms of geology, soil, site topography, water resources, vegetation, temperature and rainfall patterns; 	Droege Energy



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
		The construction phase will involve installation of 370 Wp Monocrystalline Panels, and 3 MVA inverters. The project will be deployed in floatable structures that will create a 20-ha island near the shore of the Lake Malawi.	 Conducted baseline household socio-economic surveys; Review of national legal and policy framework relevant to the project; Identification, assessment and evaluation of potential adverse impacts of the proposed project; Determination of appropriate mitigation and enhancement measures; Development of an Environmental Management and Monitoring Plan; and Prepared final Environmental and Social Impact Assessment Report 	
4	ESIA for the Installation and Operation of Chintheche Solar Power Plant 50 MW in Nkhatabay District	Droege Energy plants to establish a 25-megawatt solar powered plant in Chintheche Nkhata Bay. The proposed project involves the construction and operation of a 20 MWp Monkey Bay Solar Plant ("the Project") and 2 MWh of Lithium-Ion Battery Storage. The solar technology selected for solar panels are built on photovoltaic monocrystalline cells. This type of panel has been	 Field investigations including site assessments, stakeholder mapping and consultations and public consultative meetings; Identification of the existing physical and socio-economic environment of the proposed 	Droege Energy



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
		in industry for more time than the Polycrystalline. Both types come from crystalline silicon, but monocrystalline panels have the highest efficiency rates. The generated electricity, about 33.68 GWh/year, will be fed into the existing grid network of Malawi. The construction phase will involve installation of 370 Wp Monocrystalline Panels, and 3 MVA inverters.	area in terms of geology, soil, site topography, water resources, vegetation, temperature and rainfall patterns; • Conducted baseline household socio-economic surveys; • Review of national legal and policy framework relevant to the project; • Identification, assessment and evaluation of potential adverse impacts of the proposed project; • Determination of appropriate mitigation and enhancement measures; • Development of an Environmental Management and Monitoring Plan; and • Prepared final Environmental and Social Impact Assessment Report	
5	ESIA for the Establishment of a 150-MW Windfarm in	The proposed project involves the construction and operation of a 150 MW electricity generation plant making use of wind turbines. The generated	• Field investigations including site assessments, stakeholder mapping and consultations	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
(Chipumulo – Chikhwengwe	electricity, about 169.13 GWh, will be fed into the existing grid network of Malawi. The construction phase will involve erection of 60 wind turbines, of 2.5 MW each on 100 m high self-supported mono-poles. Subject to the final micro-siting, since the wind at the project site is predominantly from the south east, the wind turbines would be installed in a linear layout: 6 rows of 10 wind turbines each; the wind turbines separated up to 500 m with rows and up to 600 m between rows	and public consultative meetings; Identification of the existing physical and socio-economic environment of the proposed area in terms of geology, soil, site topography, water resources, vegetation, temperature and rainfall patterns; Conducted baseline household socio-economic surveys; Review of national legal and policy framework relevant to the project; Identification, assessment and evaluation of potential adverse impacts of the proposed project; Determination of appropriate mitigation and enhancement measures; Development of an Environmental Management and Monitoring Plan; and Prepared final Environmental	Client



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
			and Social Impact Assessment Report	
6	Environmental and Social Management Framework for the Financial Access for Rural Markets, Smallholders and Enterprises (FARMSE)	The Government of Malawi through the Ministry of Finance with financial support from International Fund for Agricultural Development (IFAD) is implementing FARMSE, a seven-year programme. The overall programme goal is to reduce poverty, improve livelihoods and enhance the resilience of rural households on a sustainable basis. The Programme's development objective is to increase access to, and use of, a range of sustainable financial services by rural households and micro, small, and medium enterprises (MSMEs). The programme targets to support approximately 432,774, of which, an estimated 45% will be women, and at least 20% will be youth and the programme will be implemented nation-wide.	 Conducted a systematic review of national, regional, and international laws, policies, and regulations relevant to FARMSE project taking into consideration new laws that have been enacted in Malawi; A systematic and clear methodology for screening programme sub-project activities for environmental and social consideration; Procedures for predicting and assessing potential positive and negative impacts and proposed appropriate 	Ministry of Finance
		The programme has three components: Component 1 – Ultra-Poor graduation and scaling up, which is supporting on-going government efforts in developing and delivering effective graduation programmes in rural areas to reduce extreme poverty levels among both ultrapoor labour constrained and non-labour	enhancement and mitigation measures; • A generic environmental and social management plan for addressing negative impacts during implementation of sub-project activities; • Capacity, training, and	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
		constrained households; Component 2 – Support to Financial Innovation and Outreach, which seeks to overcome numerous barriers to financial services to the rural poor by supporting the development of informal and formal financial services best suited to ultra-poor non-labour constrained, poor but food secure, vulnerable to poverty, and low income but resilient to poverty households with an emphasis on savings and credit for on and off farm enterprise; and Component 3 – Strategic Partnerships, Knowledge Generation and Policy, is aimed at increasing the capacity and knowledge bases of rural financial sector support organizations.	technical assistance needs to implement the requirements of the ESMF; • Monitoring and evaluation system with appropriate roles and responsibilities of government departments and lead agencies, and outline the necessary reporting procedures for implementation of mitigation measures; • Conducted socio-economic household surveys with project beneficiaries; and • Recommended capacity building measures for environmental and social planning and monitoring of the sub-project activities.	
7	Environmental and Social Compliance Audit for the Sustainable Rural Water and Sanitation Infrastructure for Improved Health and	The Government of Malawi through the Ministry of Water and Sanitation, with financial support from the African Development Bank (AfDB), implemented the SRWSIHL Project in five districts, namely: Rumphi, Nkhotakota, Ntcheu, Mangochi and Phalombe. The overall goal of the project was to improve health and livelihoods of	Reviewed relevant environmental legislation and framework related to the project including Malawi's Environment Management Act, National Construction Industry Act and AfDB's	Ministry of Water and Sanitation



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
	Livelihoods	the marginalized rural population growth through	Environmental and Social	
	(SRWSIHL) Project	provision of sustainable water supply and	Safeguards;	
		improved sanitation by constructing of sanitary	• Conducted inspection for 12	
		facilities in schools, market centres and health	gravity-fed water supply	
		centres and drilling of boreholes. The main	schemes' newly constructed	
		objective of the consultancy was to assess	and rehabilitated	
		compliance of the project with AfDB's	infrastructure i.e., reinforced	
		Environmental and Social Safeguard policies as	concrete storage and	
		well as Malawi Government environmental	sedimentation tanks,	
		management laws	communal water points,	
			Water Users' Association	
			(WUA) office blocks,	
			transmission pipelines, intake	
			structures (weirs), and public	
			sanitation facilities for	
			schools, markets and health	
			centres in the five districts;	
			Conducted socio-economic	
			and biophysical assessments	
			to identify environmental and	
			social changes that occurred	
			due to activities in the project	
			areas;	
			 Conducted stakeholder 	
			mapping and consultations	
			with project beneficiaries,	
			Project Implementing Unit	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
			 (PIU) and relevant District Councils; Identified compliances and non-compliance of the project and developed a corrective action plan; and Prepared a comprehensive environmental and social compliance audit report. 	
8	ESIA for the development and operation of a 400-hectare irrigation scheme at Mchemela in Dowa and agroprocessing factories at Santhe in Kasungu District	Mtalimanja Holdings Limited (MHL) intends to develop a 400-hectare irrigation scheme at Santhe in Kasungu and Chakhadza in Dowa for purposes of growing rice, ground nuts and maize, and establishment of agro-processing factories for value addition. The project will involve, the development of the irrigation scheme, installation of rice processing factory, peanut butter production factory and maize flower milling factory. The crops to be grown at the irrigation scheme will mainly be rice, maize and groundnuts. The main activities during operation and maintenance phase of the factories will involve dry processing of the agricultural produce for value addition. The proposed site for the agroprocessing factories and warehousing is 20 hectares and will be located at Santhe Trading Centre. The broad objective of the project, is to	 Undertook field investigations on current land administration and allocation and assessed how the current practices will be impacted by the reorganisation of farmers to get their customary land secured under the new Lands Act and Lands (Acquisition) Act; Identification of the existing bio-physical and socioeconomic conditions of the proposed project area in terms of geology, soil, site topography, drainage systems, temperature and rainfall patterns etc.; 	Mtalimanja Holdings Limited



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
No.	Assignment Name	Brief Project Description contribute to poverty reduction by enhancing agricultural productivity in the area, increase income levels to the direct and indirect project beneficiaries, increased food security among beneficiaries of these two districts and beyond targeting 3,000 beneficiaries for the next five years	 Public engagement, stakeholder mapping and consultations with relevant key informants i.e., Focus Group Discussions with local chiefs and District Councils; Conducted baseline socioeconomic surveys with project beneficiaries; Reviewed national legal and policy framework relevant for the project; Reviewed project documents for the proposed irrigation system and factories designs and provide a thorough analysis of project alternatives; Field investigations to identify potential environmental and social impacts from project 	
			identify potential environmental and social	
			factories; • Determination of appropriate enhancement and mitigation	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
			 measures; Developed Environmental and Social Management and Monitoring Plan; and Prepared Environmental and Social Impact Assessment Report. 	
9	Environmental and Social Impact Assessment for the installation and operation of a Cannabinoid Extraction Plant	Malawi Medicinal Cannabis Limited (MMC Limited) with shareholding from Mbabzi Estate and MMC Laboratories from United Kingdom intents to develop cannabinoids extraction plant at Mbabzi Estates in Sub Traditional Authority Njewa, Lilongwe to process 48 tonnes of cannabis biomass annually to produce Active Pharmaceutical Ingredient (API) products for the global pharmaceutical industry. MMC Limited appointed Matex International to conduct Environmental and Social Impact Assessment (ESIA) for the proposed project.	 Field investigations including site assessments, stakeholder mapping and consultations and public consultative meetings; Identification of the existing physical and socio- economic environment of the proposed area in terms of geology, soil, site topography, water resources, vegetation, temperature and rainfall patterns; Conducted baseline household socio-economic surveys; Review of national legal and policy framework relevant to the project; Identification, assessment and 	MMC Laboratories



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
			evaluation of potential adverse impacts of the proposed project; • Determination of appropriate mitigation and enhancement measures; • Development of an Environmental Management and Monitoring Plan; and • Prepared final Environmental and Social Impact Assessment Report.	
10	ESIA for the Installation and Operation of a Soy Milk Extraction Plant	LDL intends to install and operate a soy extraction plant within Lilongwe Dairy (2001) Limited premises in Area 5 Industrial Area, Lilongwe City. Lilongwe Dairy (2001) Limited (LDL) is the largest dairy processor in Malawi. It produces various milk and milk products such as Ultra High Temperature (UHT) milk, yogurt, dairy juice blends, butter, cheese, and creams. LDL has over 60% of the raw milk market share and over 70% of the processed milk market share. To further expand their product range and output, LDL plans to install a wholesome soya milk extraction plant adjacent to their existing plant. The extraction plant will process whole soybeans to increase the fiber and protein	 Field investigations including site assessments, stakeholder mapping and consultations and public consultative meetings; Identification of the existing physical and socio- economic environment of the proposed area in terms of geology, soil, site topography, water resources, vegetation, temperature and rainfall patterns; Review of national legal and policy framework relevant to 	Lilongwe Dairy (2001) Limited



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
		content of soya milk products, which is beneficial to consumers whilst eliminating waste with a total capacity of 4,000 kg of soya milk per hour	the project; Identification, assessment and evaluation of potential adverse impacts of the proposed project; Determination of appropriate mitigation and enhancement measures; Development of an Environmental Management and Monitoring Plan; and Prepared final Environmental and Social Impact Assessment Report.	
11	ESIA for the Development and Operation of Mulalo Semi-intensive Fish Farm at Mchemela in Dowa District	Mtalimanja Holdings Limited (MHL) intends to establish semi-intensive fish farm at Mchemela in Dowa District. The proposed fish farm will be developed on a 40-acre land, a portion under Santhe Irrigation Scheme which is currently under rice production. The fish farm will have an annual fish production capacity of 1,000 tons for domestic, regional and international markets. The total project cost for the project is estimated to be MKW650,000,000 and will create 60 direct employment opportunities where 50% of the total workforce will be women.	 Conducted a thorough review and analysis of project designs and specifications and other project documents; Conducted desk study and literature review of relevant legal and policy framework and safeguards; Field investigations of the biophysical and socioeconomic environment of the project area; Conducted baseline socio- 	Mtalimanja Holdings Limited



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
			economic household surveys with project beneficiaries and PAPs; • Conduct stakeholder mapping and consultations with relevant stakeholders including the District Council, VDCs and other mother groups in the project area; • Identified potential environmental and social impacts that may occur during implementation of the proposed project activities, and propose mitigation/enhancement measures; • Developed an Environmental and Social Management Plan (ESMP); and • Prepared a comprehensive ESIA report.	
12	Installation and Operation of a Medical Oxygen and Nitrogen Manufacturing Plant	Oxytech Limited, a subsidiary of Santa Plaza Group Limited, intends to install and operate a medical manufacturing plant for oxygen and nitrogen and supply the gas for medical use in Malawi's hospitals, health centres and various	Field investigations including site assessments, stakeholder mapping and consultations and public consultative meetings;	Oxytech Limited



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
	by Oxytech Limited	institutions. This initiative aims at providing support and assistance to the government in the health sector which is facing challenges in supply of medical oxygen and nitrogen due to the rapid growth in demand in recent years. The client will be distributing and supplying the oxygen to certified wholesalers and retailers across all cities in the country.	 Identification of the existing physical and socio- economic environment of the proposed area in terms of geology, soil, site topography, water resources, vegetation, temperature and rainfall patterns; Review of national legal and policy framework relevant to the project; Review of national legal and policy framework relevant to the project; Identification, assessment and evaluation of potential adverse impacts of the proposed project; Determination of appropriate mitigation and enhancement measures; Development of an Environmental Management and Monitoring Plan; and Prepared a comprehensive ESMP Report. 	
13	ESMP for the	The NRWB, as a parastatal organization of the	The main assignment tasks	NRWB



No.	Assignment Name	Brief Project Description	Detai	lled Services Provided	Client
	Construction of	Government of Malawi, is mandated to provide		involved were reviewing of	
	Ekwendeni Water	potable water supply and waterborne sanitation		national legal and policy	
	Treatment Plant,	services to the urban centres of the Northern		framework, project designs	
	Service tanks,	Region of Malawi. Due to the ever-growing water		and specifications and	
	Installation of	demand in Mzuzu city and Ekwendeni township,		providing a thorough analysis	
	Distribution System in	the NRWB implemented the Malawi Water		of project alternatives;	
	Ekwendeni and	Efficiency Project with funding from the	•	Field investigations to	
	Mzuzu, and	European Investment Bank (EIB). The main goal		identify the existing bio-	
	Installation of	of the project was to increase potable water supply		physical and socio-economic	
	Pumping System to	for Mzuzu city and Ekwendeni township. The		conditions of the project area	
	Lusangadzi in Mzuzu;	project involved construction of Ekwendeni Water		to identify potential	
	and ESIA for	Treatment Plant, rehabilitation and construction of		environmental and social	
	Upgrading and	new service and reservoir tanks, installation of a		impacts from the project	
	Expanding of Jenda	pumping and pipeline distribution system.		activities and determine	
	Water Supply			appropriate enhancement and	
	Schemes by NRWB	Jenda Rural Growth Centre, one of the fastest		mitigation measures;	
		growing market centres under Mbelwa District	•	Conducted stakeholder	
		Council is supplied with water by the Jenda Water		mapping and consultations	
		Supply Scheme and partially by Champhira Rural		with relevant key informants	
		Gravity-Fed System which together produces a		i.e., Focus Group Discussions	
		maximum of 290m³/day against the current		with local chiefs and District	
		demand of 1,196m³/day and a projected demand		Council Offices;	
		of 3,381m ³ /day for a projected population of	•	Conducted baseline socio-	
		25,295 by 2035. The water supply at Jenda faces		economic household surveys	
		two major problems namely; the current supply is		with project beneficiaries;	
		inadequate to meet the current demand and the	•	Developed an Environmental	
		supplied water is untreated posing a lot of health		and Social Management and	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
		risks to the people of Jenda. The proposed works	Monitoring (ESMMP) Plan;	
		to upgrade and expand the water supply system	and	
		involved construction of two river intake weirs,	 Prepared a comprehensive 	
		installation of two raw water pipelines for a total	ESMP and ESIA reports.	
		distance of 11.5 Km with DN 200mm and 350mm		
		of uPVC and DI materials, construction of a		
		treatment plant, three 1000m ³ service tanks,		
		installation of 120 Km distribution pipelines and		
		installation of a 30 Kw solar power supply system		
		at treatment and office building.		
14	Development of an	The proposed Maone Fuel Service Station intends	Developed an Environmental	Mr.
	Environmental Health	to onstruct and operate a filling station in the city	Health and Safety Workplace	Mohamed
	and Safety Work	of Blantyre. The facilities at the site will include a	Policy	Hanif
	Policy for Maone Fuel	24-hr service station with a tuck shop, banks, tyre		Osman
	Service Station	fitment centre, kiosk and indoor playground. The		
		scope of the EHS includes construction and		
		operation activities to be implemented for the		
		project will include site clearing, construction of		
		driveway, forecourt, drainage, shop, tyre fitment		
		centre, kiosk, installation of underground fuel		
		tanks, loading and off-loading of fuel during		
		operation phase. The Policy also covers measures		
		in place to be used during times of emergencies		
		and accidents.		
15	Training in	Tilitonse Foundation in collaboration with Civil	The overall objective of this	Tilitonse
	Occupational Safety	Society Agriculture Network (CISANET) and	assignment was to provide guidance	Foundation
	and Health, and	Welthungerhilfe (WHH) is implementing a project	in development of an OSH	



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
	Provision of	titled Strengthening Food and Nutrition Security	Policy/Guideline and train the three	
	Guidelines on the	Programming in Malawi. The project is funded by	CSOs in Occupational Safety and	
	Development of an	German Federal Ministry for Economic	Health	
	Occupational Safety	Cooperation and Development (BMZ) through		
	and Health Policy for	Welthungerhilfe. The main objective of this		
	Tilitonse Foundation	project is to promote the capacity of civil society		
		organisations in Malawi to improve food security		
		and strengthen resilience. Specifically, the project		
		is expected to strengthen capacity of 10 civil		
		society organizations (CSOs) and district-based		
		network associations in evidence based FNS		
		management, administration and programming.		
		This support will in turn enable the targeted CSOs		
		to plan and implement effective and participatory		
		Food and Nutrition Security (FNS) programming		
		approaches with their target groups or		
		communities. In July 2022, Tilitonse Foundation		
		in collaboration with Civil Society Agriculture		
		Network (CISANET) and Welthungerhilfe		
		(WHH) conducted a capacity assessment which		
		identified critical gaps in management structure,		
		financial and resource management systems,		
		human resources and programme management.		
		Based on the gaps identified, the assessment		
		further recommended capacity development		
		options that will enable the CSOs to effectively		
		deliver on their mission. One of the gaps		



No.	Assignment Name	Brief Project Description	Detailed Services Provided	Client
		identified was that for CSOs do not have		
		Occupational Safety and Health policy. It is		
		against this background that Tilitonse Foundation		
		engaged the services of Matex International to		
		train the three organisations in Occupational		
		Safety and Health and provide guidance on how to		
		develop an OSH Policy.		



3.0. BRIEF PROFILES OF STAFF

No.	Name	Role	Qualifications	Years of
				Experience
1	Robert Matengula	Managing Director/De-	MSc. Environmental	>15
		risking Specialist	Management	
			BSc. Education	
			(Geography & Natural	
			Resources	
			Management)	
			Dip. Social and	
			Development Studies	
2	Hastings Jolotie	Resettlement/GIS Specialist	MSc. Town and	>15
	Nyirenda		Regional Planning	
			BSc. Architectural	
			Studies	
3	Mwai Chingayele	Engineer	BSc. Irrigation	>6
			Engineering	
4	Edward Chilezi	Environmental	BSc. Environmental	>5
		Analyst	Science	
5	Beracah Ntodwa	Social Development	BSc. in Applied	>5
		Analyst	Economics	
6	Mirriam Moyo	Social Development	BSc. Social Work	>5
	Matengula	Analyst/Operations &		
		Administration	Dip. Public Relations	
		Officer		



Managing Director/DE-risking Specialist 16 years of professional experience





Robert Matengula

Robert is a Senior Consultant with over 15 years' experience working with Malawi Government, multilateral organizations, private companies and non-governmental organizations on environment, climate change and sustainable development management. Mr. Matengula has performed a number of environmental and social impact assessment consultancies in Malawi. His experience includes preparing climate change mitigation and adaptation strategies for projects funded by Malawi Government and developing partners. He has also been engaged to train rural farmers located in flood prone areas in climate smart agriculture. He has served as an environmental expert for several projects in Malawi and the SADC region, including service as independent environmental for Agricultural Productivity Programme for Southern Africa which comprises Malawi, Mozambique and Zambia. All work was performed to international and local standards.

Academic Qualifications

MSc. Environmental Management from University of Houston Clear-Lake

BSc. Education Humanities from University of Malawi

Dip. Social Development Studies from Volda University College, Volda, Norway

Dip. Renewable Energy for Developing Countries from United Nations Institute for Training and Research (UNITAR)

Countries of Experience

Malawi, Malaysia, Mozambique, Norway, South Africa, Taiwan, USA

Languages

Chichewa: Mother tongue

English: FluentFrench: Basic level

- Environmental and Social Impact Assessments i.e., Team Lead;
- Climate change management i.e., mitigation and adaptation;
- Environmental and social projects and programs development and management;
- Risk reduction, assessment and management;
- Project management and coordination; and
- Training and capacity building.



GIS and Resettlement Specialist 15 years of professional experience





Hastings Jolotie Nyirenda

Hastings is an accomplished consultant in land acquisition, GIS, urban planning and architectural services. He has worked in climate change projects, humanitarian response and recovery, development and construction projects. He has worked in projects financed by the World Bank, the African Development Bank, European Investment Bank, UNDP, European Delegation, and many more. He has worked on resettlement projects that include Dar Es Salaam Metropolitan Development Project (DMDP), Shire Valley Transformation Project, Malawi- Mozambique Interconnection Project, Red Cross Flood Recovery Project, Nacala Corridor Railway Line project and Millennium Challenge Account power line project.

Academic Qualifications

MSc. Town & Regional Planning from University of Pretoria – South Africa BSc. Architectural Studies from University of Malawi

Countries of Experience

Kenya, Malawi, Mozambique, Tanzania

Languages

Chichewa: Mother tongue

English: FluentTumbuka: Fluent

- Resettlement Action Plans (RAPs);
- Data and information management;
- CAD i.e., Revit, AutoCAD, ChiefArchitect;
- Urban Master Planning;
- QGIS;
- Project management; and
- Environmental and Social Impact Assessment.



Engineer6 years of professional experience





Mwai Chingayele

Mwai is an Engineer with expertise in the management, assessment and construction supervision of irrigation, water supply and drainage projects, and detailed systems design using AutoCAD, IRRICAD and CROPWAT. As an Engineer, he is responsible for providing thorough analysis of designs, technologies, materials and activities for projects to ensure implementation is conducted in a sustainable manner to minimize adverse impacts to the environment. He is conversant with FIDIC contract conditions. He has provided technical assistance in the preparation of more than 15 environmental and social assessments for various private, government and donor funded projects and programmes in different fields including irrigation, water supply, construction, climate change, energy, processing among others.

Academic Qualifications

BSc. Irrigation Engineering from LUANAR

Countries of Experience

Malawi

Languages

Chichewa: Mother tongue

English: Fluent

- Detailed irrigation systems and structural design for irrigation and drainage projects;
- Pre-feasibility and feasibility studies of irrigation and water supply projects;
- Environmental and Social Impact Assessment i.e., technical assistance;
- Construction supervision of irrigation and civil engineering projects;
- CAD i.e., AutoCAD, Revit, IRRICAD, CROPWAT; and
- Technical proposal writing.



Environmental Analyst 5 years of professional experience





Edward Chilezi

Edward is an Environmental Analyst for Matex International with de-risking expertise in environment projects and programmes. He has experience in preparing and conducting Environmental and Social Impact Assessments (ESIAs), Environmental and Social Management Plans (ESMPs), Environmental and Social Audits, and Occupational Health and Safety Management Plans. He has also experience in Disaster Risk Management, and Water, Sanitation and Hygiene (WASH) programs and Project Management.

Academic Qualifications

BSc. Environmental Science from LUANAR

Countries of Experience

Malawi

Languages

• Chichewa: Mother tongue

• English: Fluent

- Environmental and Social Impact Assessment i.e., technical assistance;
- Natural resources management;
- Occupational Safety and Health (OSH);
- Project design and management; and
- Technical proposal writing.



Social Development Analyst 5 years of professional experience





Beracah Ntodwa

Beracah is an Economist with experience in development work including socio-economic research, project implementation, data analysis and, monitoring & evaluation for Malawi Government, private companies and non-governmental organizations. Beracah's expertise includes economic, social, research, impact assessments, project support, and data analysis. As a Social Development Analyst, Beracah's areas of focus include developing and implementing collaborative approaches to engage stakeholders in impact assessment process and employing best methodologies and analytical skills for socio-economic impact assessments during the ESIA process.

Academic Qualifications

BSc. Applied Economics from LUANAR

Countries of Experience

Malawi

Languages

• Chichewa: Mother tongue

• English: Fluent

- Research and Data Analysis;
- Strategic Planning;
- Social Impact Assessment;
- Reporting and Data Visualization;
- Technical Proficiency (MS Office, SPSS, STATA); and
- Stakeholder Engagement.



Social Development Analyst/Administration Officer 5 years of professional experience





Mirriam Moyo Matengula

Mirriam is a Social Consultant with specialization in stakeholder engagement, gender, human rights, transitional justice, conflict prevention, and public relations. She has a particular interest in conducting social risk assessments to inform the clients and local communities, as a way of avoid conflicts during project preparation and implementation.

Academic Qualifications

BSc. Social Work from DMI St. John the Baptist University, Lilongwe Campus Advanced Dip. Public Relations & Personnel Administration, ABMA from Malawi College of Accountancy

Countries of Experience

Malawi, USA

Languages

Chichewa: Mother tongue

English: Fluent

- Stakeholder engagement and consultations;
- Social Impact Assessments;
- Data analysis;
- Community development and participatory monitoring and evaluation;
- Conflict prevention, resolution and management; and
- Workplace administration and management.

