

# ORGANIZATIONAL PROFILE

INDUSTRIAL SOLUTIONS LANKA (PVT.) LTD.  
(ISL)



*Towards Greening the Globe*

**Industrial Solutions Lanka (Pvt.) Ltd.**

No. 123/8, Singhe Mawatha, Dambulla Road, Kurunegala

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Towards Greening the Globe

## INDUSTRIAL SOLUTIONS LANKA (PVT.) LTD.

### ORGANIZATION

<b>ORGANISATION</b>	:	<b>Industrial Solutions Lanka (Pvt.) Ltd. (ISL)</b>
<b>ADDRESS</b>	:	No. 123/8, Singhe Mawatha, Dambulla Road, Kurunegala
<b>TELEPHONE</b>	:	+94 37 7 395 390
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<b>WORLD WIDE WEB</b>	:	<a href="http://www.isl.lk">http://www.isl.lk</a>
<b>CONTACT PERSON</b>	:	<b>Anura Vidanagamage – Managing Director</b>
<b>TELEPHONE</b>	:	Mobile: +94 77 780 4559 / +94 72 780 4559
<b>E - MAIL</b>	:	<a href="mailto:anurav@isl.lk">anurav@isl.lk</a>

### BRIEF ORGANIZATIONAL PROFILE

**Industrial Solutions Lanka (Pvt.) Ltd. (ISL)** is newly established consultancy firm, providing advice on all aspects of environmental, energy, sustainability, climate change, and business risk issues.

Few energy and environmental consultants offer variety of expertise. We take a collaborative approach with our clients. We look beyond simply mitigating risk to understand the business objectives of our clients and create solutions that deliver competitive edge and commercial opportunities. We are consultants who are not afraid to challenge and innovate. You will find our culture is one of pride, passion, support and integrity, and we hope you will find us a great business to work with, or for.

The truly indigenous framework and the proactive attitude development by the consultants of the ISL, provide services covering following areas;

- Energy Management
- Green Energy Solutions
- Reducing emissions
- Managing water
- Minimizing and reusing waste
- Civil Engineering and Consultancy
- Electrical and Electronic Engineering and Consultancy
- Responding to and preparing for climate change
- Technical Evaluations
- Machinery and Equipment Valuation
- Training and Personnel Development

These are all issues faced every day, whether you're a retailer, property developer, a manufacturer or an office based organization.

We are a proactive and dynamic company. We have opinions and we try to shape the market. We pride ourselves on being good to work with and for. We work hard but have fun along the way. We value being approachable, friendly, open and honest. We are innovators but we are also commercially minded and pragmatic. Hopefully we are describing a company you like.

### **Our Vision**

We are aiming to be the best in our market space in respect of;

- ✓ Being renowned for our common sense and practical approach.
  - ✓ Having a great reputation with clients.
  - ✓ Being a great place to work.
- ✓ Being profitable to deliver shareholder value.
- ✓ Introducing new innovations and offering one company to approach for all of their sustainability and climate change issues.
  - ✓ Continue our commitment to health and safety and the protection of our people.
  - ✓ Continue to manage our impact on the world through a sustainability strategy that is appropriate to our business model.

### **Our Mission**

We;

- ✓ Passionately in team work and collaboration.
- ✓ In being approachable, friendly, open and honest.
- ✓ Have an inclusive culture and value passion and performance
  - ✓ Are a flexible bunch of people

### **Our Corporate Goals**

We work with our clients' on their sustainability, environmental and energy issues. We manage their risks, reduce their costs and create commercial opportunities and competitive strength for them.

### **Our Core Values**

Trust, Support and Sharing Pride and passion, Innovation Sustainability

## OUR PROFILE

In order to facilitate the pursuance of its strategies, ISL has its two facets, managed and operated by the same team under the same operating environment but addressing different needs of different clients

### ***Organizational Setup***

Industrial Solutions Lanka (Pvt.) Ltd. (**ISL**) is a parent organization and it is a private limited liability company - for profit.

ISL Socio Economic Environmental Integration (ISL SEEI) is an affiliated organization of ISL and it is a non government organization - not for profit. All activities related to environment and social development is handled by ISL SEEI.

## OUR SERVICES

More than ever, ISL will be counted on to provide solutions to our client's sustainability challenges; both globally and in the local communities where they operate. As a firm that possesses not only the understanding to process the sustainability challenges facing our clients, but also the ability to help our clients implement the technical and structural changes necessary to succeed, ISL is exceptionally well positioned for the future by delivering diverse offering of consultancy advice on all aspects of environmental, energy, sustainability, climate change, and business risk issues.

### **Services Provided by ISL;**

#### ***Energy Management and Conservation***

- ✓ Energy Development
  - Energy Audits
  - Introduction of New Technology for higher energy efficiencies
  - Feasibility studies for new technologies and energy related projects
  - Installation of Steam Distribution Systems
  - Installation of new Boilers (Diesel, Furnace oil and Biomass)
  - Boiler Conversion (Diesel to Biomass, Furnace oil to Biomass)
  - Boiler maintenance and efficiency improvements
  - Boiler water treatment
  - Technical Evaluations
  - Machinery and Equipment Valuation
- ✓ Alternative Energy
  - Solar Energy
  - Development of Mini and Micro Hydro Power Plants
  - Development of Large Wind Power Plants
  - Development of Dendro Power Plants
  - Introduction of Alternative Energy Solutions
  - Wind-Solar Hybrid System for Telecommunication towers and rural electrification

### ***Pollution Management and Reusing Waste***

- ✓ Onsite Waste Management
  - Waste Audits
  - Environmental Audits
  - Implementation of Cleaner Production
  - Introduction of Green Productivity
- ✓ Master planning and Strategy
  - Implementation of Environmental Management Systems (ISO and other)
- ✓ Energy from Waste
  - Development of Bio Gas Power Plants

### ***Environmental Planning***

- ✓ Environmental Impact Assessments
- ✓ Air quality Management
- ✓ Noise and Vibration Studies

### ***Water and Wastewater Management***

- ✓ Water Demand and Efficiency calculations
  - Water Auditing
- ✓ Process Water Treatment
  - Design and Implementation of Raw/Process water treatment plants (Physical and Chemical)
- ✓ End of Pipe Treatment
  - Design and Consultancy on Wastewater Treatment Plants (Physical/Chemical and Biological)

### ***Climate Change***

- ✓ Climate change Planning and Mitigation
- ✓ Greenhouse gas Inventories and Reporting
- ✓ Life Cycle Assessments (LCA) and Foot printing
- ✓ Carbon Assessments and Planning

### ***Civil Engineering and Consultancy***

- ✓ Construction Management of Telecommunication Towers
- ✓ Construction Management of Wastewater Treatment Plants
- ✓ Construction Management of Mini Hydro Projects
- ✓ Construction Management of Wind Farms
- ✓ Construction Management of Solar Projects
- ✓ Building Constructions

### ***Other Specialized Services***

- ✓ Training and Personnel Development
- ✓ Preparation and energy and environmental reports

## Services Provided by ISL Socio Economic Environmental Integration (ISL SEEI)

- ✓ Stockholm Junior Water Prize (SJWP) Project – A project for school students to encourage them to work on their issues related to Water Pollution and presents their projects to mitigate water pollution and thereby uplift the health and environmental condition.
- ✓ All other social and environmental projects.

Some things you can rely on us are;

We

deliver on our promises, but if any problems should occur we will inform you promptly, and with a suggested solution

We

pride ourselves on excellence in our service and deliverables, our people want to deliver their very best work, every time

We

deliver solutions that are clear and to the point. We have a commercial approach underpinned by technical excellence, meaning we focus on practical business needs

## Major Consultancy Projects

### Renewable Energy Sector;

- Consultancy Management of 10 MW Solar Power Project at Hambantota
  - Client : Sagasolar Power (Private) Limited
  - Total Investment : SLRs. 2 Billion
  - Present status : Project under construction
- Construction and Consultancy Management of 10 MW Wind Power Plant at Kalpitiya
  - Client : Akbar Brothers (Pvt.) Ltd., Hydramani Group of Companies and Debug Computers
  - Total Investment : SLRs. 2 Billion
  - Present status : Project in operation
- Design and Construction Management of 1.3 MW Hydro Power Plant in Loggal Oya, Badulla
  - Client :
  - Total Investment : SLRs. 200 million
  - Present status: Project approvals and environmental clearances are in progress

### Energy Management and Conservation Sector

- Supply and installation of 6 Ton biomass operated steam boiler at MAS Fabrick Park, Thulhiriya
- Supply and installation of 6 Ton biomass operated steam boiler at MAS Linea Intimo, Biyagama
- Supply and installation of 4 million kcal/hr thermic fluid heater at South Asia Textile Industries Lanka Industries, Pugoda
- Supply and installation of 5 Ton biomass operated steam boiler at Serandib Agri Business, Walpita
- Introducing bio mass operated 6 ton fluidized bed boiler at Ocean Lanka (Pvt.) Ltd. (Pending)
- Supply & installation of a biomass thermic fluid heater at Noyon Lanka (Pvt.) Ltd. (Pending)

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- Introducing of wood chip dryer for steam boiler at Ancell Thailand (Pending)
- Installation of radiators, dryers, withering troughs and all boiler maintenance activities in Bogawantalawa Plantations
- Installation of radiators, dryers, withering troughs and all boiler maintenance activities Elpitiya Plantations
- Installation of radiators, dryers, withering troughs and all boiler maintenance activities in Watawala Plantations
- Installation of radiators, dryers, withering troughs and all boiler maintenance activities in Maskeliya Plantations
- Fabricating and commissioning of steam and condensate line at MAS Metrix, Thulhiriya
- Fabricating and commissioning of steam and condensate line at Ranaviru Apparels, Alawwa

### **Implementation of Wastewater Treatment Plants**

- Upgrading of existing Wastewater Treatment Plants – all industries
- Construction and Consultancy Management of Wastewater Treatment Plants – all industries
- Consultancy Management of Wastewater Treatment Plants – all industries

### **Environmental Management Projects**

- Operation management of Sri Lanka Vehicle Emission Testing Programme (SLVET)
  - Client : CleanCo Lanka (Pvt.) Ltd.
  - Total Investment : SLRs. 500 million
  - Present status : In operation

### **Other Special Projects**

- Construction Management of Etisalat Telecommunication Towers
  - Client : Etisalat Lanka (Pvt.) Ltd
  - Total Investment : SLRs. 2.5 billion
  - Present status : In operation

## KEY STAFF MEMBERS

We are a firm that attracts and retains some amazingly talented people. And we are never short of people volunteering to take responsibility for particular activities and new initiatives. We have a very strong senior management team, and here's a quick look at of those individuals;

### **Board of Management**

Eng. Ananda Hettiarachchy – Chairman  
Eng. Gamini Senanayake - Director  
Mr. Moin Ahamed - Director  
Eng. Anura Vidanagamage - Managing Director

### **Professional Staff**

Mr. Saliya Patrick – Director (Finance & Administration)  
Mr. Gayan Yapabandara – Civil Engineer  
Mr. Saman Herath – Civil Engineer  
Mr. Chathura Ganeemulla – Mechanical Engineer  
Mr. W. A. M. P. K. Abeyasinghe – Electrical Engineer  
Mr. Rushanth Chandrabose – Chemical Engineer  
Mr. Kushan Wijesuriya – Chemist  
Mr. Jayanatha Herath – Technical Officer

### **Supporting Staff**

Mr. Wikumpriya Karunarathne – Assistant Accountant  
Ms. Kushani Padmasena – Project Assistant & HR Executive  
Ms. Gishani Premarathne – Secretary  
Ms. Udani Weerasena – Secretary  
Mr. Lalith Dassanayake – Driver/Messenger  
Mr. Noel Lasantha – Driver/Messenger  
Mr. Chaminda Rajapaksha – Driver/Messenger



Given below are the particulars of professional staff of ISL;

**Name and Designation:**

Eng. Ananda Hettiarachchy - Chairman



**Academic Qualifications:**

Chartered Engineer

**Professional Qualifications:**

Member – IESL Sri Lanka

**Employment Records**

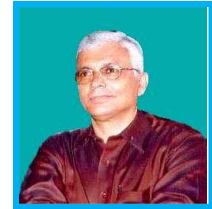
- National Science Foundation and as
- Chairman - ISB Services Limited,
- Chairman - ISB Environmental Services
- Chairman - ISB Technical Services Limited
- Board Member - Hayleys PLC
- Managing Director - Haycarb PLC,
- Managing Director - Recogen Limited
- Managing Director - Puritas Limited
- Served on several other subsidiaries of Haycarb PLC and Hayleys PLC both in Sri Lanka and Overseas
- Board Member - The Sri Lanka Institute of Nanotechnology
- Member of the National Nano Committee
- Member of several advisory Boards of the National Science Foundation

**Expertise**

- Process design,
- Construction and commissioning
- Instrumentation and control-design
- Installation and commissioning
- Mechanical Engineering
- Thermal and Electrical Energy- Generation Storage
- Nano Technology

**Name and Designation:**

Eng. Gamini Senanayake - Director

**Academic Qualifications:**

B.Sc. Engineering (Mech. Eng), University of Moratuwa

M.Sc. (Corporate Strategy and Industrial Policy), Maastricht School of Management, The Netherlands

Reading for PhD, Postgraduate Institute of Management, University of Sri Jayawardenapura

**Professional Qualifications:****Fellow** - Sri Lanka Institute of Engineers, (Since 1995)Corporate Member (**Chartered Engineer**) – Sri Lanka Institute of Engineers, (Since 1985)

Corporate Member (Professional Chartered Engineer) – The Institute of Engineers Australia, (Since 1990)

Corporate Member – Sri Lanka Energy Managers, Association (SLEMA), (Since 1984)

**Previous Employment Record:**

Designation	Institution	No. of years
Director	Industrial Services Bureau, 141, Kandy Road, Kurunegala	16 years
Mechanical Engineer & the Head of the Energy Management Centre (EMC)	National Engineering Research & Development Centre of Sri Lanka (NERD Centre)	06 years
Mechanical Engineer / Miller	Prima Ceylon Ltd., Trincomalee, Sri Lanka	04 years
Mechanical Engineer / Trainee Miller	Prima Flour Mills - Singapore	15 months
Assistant Mechanical Engineer	Ceylon Petroleum Corporation – Refinery Division, Sapugaskanda, Sri Lanka	04 months
Trainee Engineer	Department of Machinery & Equipment – Ratmalana, Sri Lanka	03 months
Visiting Instructor	Mechanical Engineering Department University of Moratuwa, Sri Lanka	06 months

**Duties and Responsibilities of Immediate Past Employment:****Duties & responsibilities**

Being the founder CEO of Industrial Services Bureau (ISB) and its two affiliated organizations (ISB Services Limited and ISB Environmental Services), I was responsible for leading & guiding a team of multi-disciplinary consultants (around 30) engaged in technical services, agriculture services & business promotion. As the CEO of all three entities, I was also responsible for administrative and financial management of the organization.

## Organizational setup

Industrial Services Bureau (ISB) and its two affiliated organizations are involved in business promotion, provision of technical (including environmental & ICT) services and agriculture services to a wide range of beneficiaries all over the country and even offshore. ([www.isb.lk](http://www.isb.lk))

**ISB** is the parent organization and was established in mid-1990 under the Provincial Council of North Western (Wayamba) Province with the technical and financial assistance of Konrad Adenauer Stiftung (KAS) of Germany and hence it is a semi government organization - not for profit. Mandate of ISB is the provision of industrial & business development services which include advisory, consultancy & implementation services. ISB Services Ltd (**ISB SL**) is an affiliated organization of ISB and it is a public limited liability company – for profit. All the commercially oriented activities of ISB are handled by ISB SL. ISB Environmental Services (**ISB ES**) is also an affiliated organization of ISB and it is a non-government organization - not for profit. All activities related to environment and social development are handled by ISB ES.

## Major tasks

### ISB

- Business development services
  - Investment promotion, marketing promotion, technology transfer, establishment & management of industrial parks, project formulation, feasibility & project reports, etc.
- Management Development & Training
  - Entrepreneurship development training (using CEFE of GTZ & SYB/IYB of ILO)
  - Other technical training (Boiler operation, energy management, agriculture, import & export, etc.)
  - Social mobilizing / entrepreneurship development / technical training for the JBIC funded "Poverty Alleviation Micro Financing Programme (PAMP) coordinated by the Central Bank.
  - Training for political leaders in good governance
- ICT
  - ICT training
  - Computer software development
  - Hardware & networking services
  - Productivity & quality improvement programs (5S & other Japanese techniques, work studies, ISO 9000 certification consultancies, etc.)
- Project monitoring & evaluation (Including the projects funded by JBIC)
- Machinery & equipment valuation (Authorized valuer for Bank of Ceylon, Sampath Bank & Commercial Bank of Sri Lanka)
- Sick industry rehabilitation programmes (Revitalization of Coir Industry)

#### ISB SL

- Drip / micro irrigation systems (Designing & implementing)
- Protected agriculture
- Aquaculture (Fresh water, brackish water & ornamental fish)
- Trading (imports & exports)
- Conducting trade fairs locally & abroad (organizer of the first ever trade fair in Maldives in 1992)
- Clearing & forwarding services
- Sourcing of machinery & equipment
- Organizing of study and industrial tours abroad (market leader in Sri Lanka in the participation of world famous "Canton Trade Fair" in China)
- Energy demand management & conservation services
- Alternative energy (Mini & micro hydro, wind & Dendro power) development
- Boiler maintenance services

#### ISB ES

- Environmental management systems (ISO 14000 certification consultancies, Cleaner Production consultancies, etc.)
- Monitoring of environmental parameters and pollution mitigation measures (ambient air quality, industrial & power plant emissions, waste water, noise, etc.)
- Waste water treatment
- Boiler water treatment
- Solid waste management
- Analytical laboratory services
- Post Tsunami rehabilitation work (provision of safe drinking water to Tsunami affected people in collaboration with ITT Industries, USA – Value of the project: US\$ 2.5. Nearly 60 units deployed all over the country including Jaffna).

#### Joint Ventures of ISB

- **Sri Lanka Vehicle Emission Testing program** (Joint venture of Environmental Systems Products Inc of USA and ISB)
- "Kuda Oya" **Mini Hydro** Project – 2 MW (Joint venture of DSI Group of Companies of Sri Lanka & ISB SL)

#### Agencies of ISB

- Courier services - Agent of **FedEx** in the North Western Province
- Wind Micro Turbines - Agent of **Southwest Windpower of Arizona, USA**
- Drip / micro irrigation products - Agent of **Agro of Thailand**
- Coir processing machinery - Agent of **Godwel Engineering, Coimbatore, India**
- Colour sorter machines - Agent of **QED of Bangalore, India**
- Water purification systems - Agent of **ITT Industries of USA** (to be finalized)

### **Projects handled by ISB under the funding of ADB**

- Enterprise development component of North Central Province – Rural Development Project (**NCP/RDP**) – Two year project in “Pollonnaruwa” district of Sri Lanka (2002/2003).
- Acting as one of the partner organizations by managing the Business Development Centers (BDCs) of Business Support Services Facility (**BSSF** Project) in Kandy & Kurunegala in Sri Lanka – Two year project (2004/2005). (Project was suspended due to some administrative and financial problems)
- Currently handling the Southern Province Rural Economic Advancement Project (**SPREAP**) as the Lead Enterprise Development Service (LEDS) provider for the remaining two years of the project.

*Maximum Contract fee – SLRS 40 million (USD 40,000) – ADB Loan 1849 – SRI (SF)*

**Name and Designation:**

Eng. Anura Vidanagamage - Managing Director

**Academic Qualifications:**

B.Sc. Engineering (Mech. Eng) - University of Peradeniya

P. G. Dip. (Mech. Eng)

**Professional Qualifications:**

Associate Member – IESL Sri Lanka

Member – Sri Lanka Energy Managers Association (SLEMA)

**Expertise**

Energy & Environmental Management

Energy & Environmental Auditing

Investment Promotion

Mechanical Engineering

Business Administration

Infrastructure Development

Machinery and Equipment Valuation

Industrial Park Management

**Previous Employment Record:**

Designation	Institution	No. of years
Managing Director	ISB Environmental Services, 141, Kandy Road, Kurunegala	04 years
Managing Director	ISB Technical Services, 141, Kandy Road, Kurunegala	04 years
Director (Technical Services)	Industrial Services Bureau, 141, Kandy Road, Kurunegala	06 years
Consultant (Engineering)	Industrial Services Bureau, 141, Kandy Road, Kurunegala	13 years

**Major Projects handled as the Team Leader:**

- Design and construction of Mini Hydro Power Project – Kuda Oya
  - Investor : DSI Group of Companies
  - Capacity : 2500 kW
  - Total Investment : SLRs. 225 million
- Sri Lanka Vehicle Emission Testing Programme (Joint Venture Project)
  - Project Owned by : Registrar of Motor Vehicles, Ministry of Transport
  - Investor : Akbar Brothers (Pvt.) Ltd.
  - Partners : Environmental System Products – USA
  - Total Investment : SLRs. 500 million

- Electrification of Telecommunication Towers using Wind Energy
  - Client : Tigo (Pvt.) Ltd.
  - Total Investment : SLRs. 20 million
- Consultancy for 2.5 MW Mini Hydro Power Project – Manelwala
  - Client : Pan Asia Power (Pvt.) Ltd.
  - Total Investment : SLRs. 350 million
  - Capacity : 2.5 Mw
- Energy management and Consultancy
  - Energy and Environmental Audits : around 100 audits carried out
  - Conversion of Boilers from Diesel to Firewood or Furnace oil : around 10 Boilers
  - Installation of new Boilers : around 05 new boilers
- Construction management of 10 MW Wind project at Kalpitiya (Daily Life Renewable Energy (Pvt.) Ltd.)
- Telecommunication Tower Construction Management and Consultancy – M/s Tigo (Pvt.) Ltd and M/s Etisalat Lanka (Pvt.) Ltd.
- Fabricating and commission of steam and condensate lines – M/s MAS Fabrics and MAS Metrix, Thulhiriya
- Fabricating and commission of steam and condensate lines – M/s Ranaviru Apparels, Alawwa
- Installation of thermic fluid heater at M/s South Asia Textile Industries Lanka (Pvt.) Ltd., Pugoda
- Installation of bio mass steam boiler at M/s Serandib Agri Business, Walpita

**Name and Designation:**

Eng. Banduni Premaratne – Director (Environmental Services)

**Academic Qualifications:**

B.Sc. Engineering (Chem. Eng) (Hons) - University of Moratuwa

P. G. Certificate (Cleaner Production) – Asian Institute of Technology, Bangkok

Certified EIA Consultant - CEA

Certified ISO 14001 Consultant and Auditor - UNIDO

Certified Cleaner Production Consultant and Auditor - UNIDO

**Professional Qualifications:**

Associate member – IESL Sri Lanka

Member – Chemical Engineers Association – Sri Lanka

**Expertise**

Design and construction Management of Wastewater Treatment Plants for Desiccated Coconut Industry, Garment Industry and all other industries

Providing Consultancy on Measurement of Industrial Emissions (Air, water etc)

Cleaner Production

Energy and Environmental Auditing

Baseline Survey on Existing Environmental Situation

Preparation of Environmental and Technical Feasibility Reports

Machinery & Equipment Valuation

**Previous Employment Record:**

Designation	Institution	No. of years
Asst. Director (Environment)	Industrial Services Bureau, 141, Kandy Road, Kurunegala	04 years
Project Manager (SJWP) – Part time since 2006	ISB Environmental Services, 141, Kandy Road, Kurunegala	05 years
Project Manager (CLEAN) – Part time since 2003	ISB Environmental Services, 141, Kandy Road, Kurunegala	07 years
Consultant (Engineering)	Industrial Services Bureau, 141, Kandy Road, Kurunegala	09 years

**Major Projects handled as the Team Leader:**

- Design and construction Management of Wastewater Treatment Plants for Desiccated Coconut Industry
  - Number of Plants completed : 14
  - Total Investment : SLRs. 56 million



## List of DC Mills

No	D/C Mills
01	Siriyangani D/C mills, Katana
02	Jayakody D/C mills, Dankotuwa
03	St'Joseph's DC mills, Katana
04	St' Valantine D/C mills, Bujjampola
05	Fathima Mills Ltd, Dankotuwa
06	Upali D/C Mills, Marawila
07	Katana D/C Mills, Katana
08	Saksell Natural Products, Kuliypitiya
09	Modern food DC Mills, Wariyapola
10	Kudawewa D/C Mills, Kudawewa
11	Mawathagama DC Mills, Dankotuwa
12	J.P M Pinto & Co.(Pvt) Ltd, Kochchikade
13	Swanee DC Mills, Negombo
<b>Plants under Commissioning</b>	
No	D/C Mills
14	Lakshmee DC Mills
<b>Upgraded Plants</b>	
No	D/C Mills
15	Rathkarauwa D/C Mills, Rathkerawwa
16	Green Palms DC Mills, Katana

- Design and construction Management of Wastewater Treatment Plants for Garment Industry
  - Number of Plants completed : 02
  - Total Investment : SLRs. 5 million

## List of Factories;

No	Factory
01	Jinadasa Bennette Garment, Uhumeeya
02	Jinadasa TCW, Ranala

- Design and construction Management of Wastewater Treatment Plant for Holcim Lanka (Pvt.) Ltd. - Puttlam
  - Total Investment : SLRs. 2 million

- Providing Consultancy on Measurement of Industrial Emissions (Air, water etc) covering all types of sectors as below to the total number around 250 or more.
  - Food & Beverage Industries (Nestle, Unileavers etc)
  - Garment Industries (Brandix Group, Mliban Group, Orit Apparals Group, Candy Garments, Streachline, Hydramane Group, Jinadasa Group etc)
  - Tile Industries (DSI Tiles etc)
  - Asbestos Sheets Manufacturing Industries (Ramco, Rhino etc)
  - Furniture Industries (Royal Furniture etc)
  - Cement Manufacturing Industries (Holcim, Tokyo Cement etc)
  - Tire Industries (Richard Pieris, Central Tire etc)
  - Activated Carbon Factories (Haycarb, Jaforgy Brothers, Bieco Link etc)
  - Tobacco Companies
  
- Cleaner Production/Environmental Audits  
Around 30 audits completed covering Desiccated Coconut Industry, Food processing industry, Tea industry etc
  - Pedro Tea Factory, NuwaraEliya
  - New Vithanakanda Tea Factory, Rathnapura
  - Deenside Tea Factory, Gampola
  - Rathkerawwa Desiccated Coconut Factory, Kurunegala
  - Kudawewa Desiccated Coconut Factory, Kudawewa
  - Gunasiri Desiccated Coconut Factory, Weerambugedara
  - Lanka Tiles, Dankotuwa
  - Kudawewa Desiccated Coconut Factory, Kudawewa
  - Jayakody Desiccated Coconut Factory, Dankotuwa
  - St. Valentine Desiccated Coconut Factroy, Bujjampola
  - St. Theressa Desiccated Coconut Factory, Katana
  - Fathima Desiccated Coconut Factory, Dankotuwa
  - Pinto Desiccated Coconut Factory, Naththandiya
  - St. Josephs Desiccated Coconut Factory, Minuwangoda
  - Baduwatta Desiccated Coconut Factory, Katana
  - Polity Desiccated Coconut Factory, Katana
  - Dunagaha Cooperative Desiccated Coconut Factory, Dunagaha
  - Mawathagama Desiccated Coconut Factory, Dankotuwa
  - Loluwagoda Desiccated Coconut Factory, Loluwagoda
  - Rathkerawwa Desiccated Coconut Factory, Kurunegala
  
- Baseline Survey on Existing Environmental Situation
  - Kelanitissa Thermal Power Plant, Peliyagoda
  - Ceylon Tobacco Company, Kandy
  - Environmental Situation Analysis for Kurunegala City
  - Environmental Situation Analysis for Galle City
  - Upper Kothmale Hydro Power Project
  - Kalu Ganga Hydro Power Project

- Preparation of Environmental and Technical Feasibility Reports for E-Friends Loan Scheme
  - Around 50 Proposals prepared for DFCC Bank, Commercial Bank, Hatton National Bank etc
  - Areas covered
    - Plastic recycling plant
    - Tyre waste recycling plant
    - Polysax Waste Recycling Plant
    - Air pollution control projects
    - Environmentally Friendly Printing Technology
    - Dust emission reduction Project
    - Energy efficient Printing machines
    - Implementation of Wastewater Treatment Plant
    - Solid Rubber Waste Recycling Plant
    - Gasification for Power Generation for Timber Mill
    - Environmentally Friendly Wood Mizer for Timber Processing
    - Fuel Switching Projects
- Other Assignments
  - Environmental Situation Analysis Reports
  - Initial Environmental Examination Reports
  - Environmental Impact Assessment Reports

**Name and Designation:**

Ms. Anjana Gunathilaka - Consultant

**Academic Qualifications:**

B. Sc. Physical Science (Hons) - University of Peradeniya

M. Sc. in Water Resources Management – University of Peradeniya

Certificate – TTI in Civil Engineering

**Expertise**

Energy Management

Environmental Management

Construction Management

Cleaner Production

**Previous Employment Record:**

Designation	Institution	No. of years
Consultant	Industrial Services Bureau, 141, Kandy Road, Kurunegala	05 years

**Major Projects handled:**

- Preparation of Technical Drawings
  - Liaising with clientele to promote sustainable consumption
  - Training of factory personal on Cleaner Production and Energy management
  - Energy Efficiency Improvement of existing industries
- Boiler Operation and Maintenance
  - Boiler maintenance
  - Design and installation of steam distribution systems
  - Installation of new Boilers
  - Conversion of Boilers
- Energy management and Consultancy
  - Installation of capacitor Banks
  - Energy Audits and measurements
  - Technical feasibility on new Energy Efficiency Improvements projects
  - Design and installation of waste heat recovery systems
- Cleaner Production/Environmental Audits
- Sri Lanka Vehicle Emission Testing Programme
  - Site selection and clearance
  - Building design and construction management
  - Installation and operation of equipments

**Name and Designation:**

Ms. Udeni Dammika Wanigasundara - Consultant

**Academic Qualifications:**

B.Sc. Engineering (Hons) - University of Peradeniya

**Professional Qualifications:**

Associate Member – IESL

Member – Chemical Engineers Society – Sri Lanka

**Expertise**

Environmental Management

Environmental Auditing

Chemical Engineering

Machinery and Equipment Valuation

**Previous Employment Record:**

Designation	Institution	No. of years
Senior QA Engineer	GMI Technologic, Nugegoda	03 years
QA Engineer	Millenium IT Software LTD., Malabe	01 year
Consultant	Somarathne Consultancy (Pvt.) Ltd., Rajagiriya	06 months

**Research Involved:**

- Applying Cleaner Production Concept to the faculty of Engineering, University of Peradeniya
  - Supervised by : Dr. C. S. Kalpage, UoP
- Independent study on Eco Design and Life Cycle Assessment
  - Supervised by : Dr. D.G.G.P. Karunarathne, UoP
- Design a Rice Milling Plant to Produce 10,000 kg/day of Parboiled Rice
  - Supervised by : Dr. M. R. Chandraratne, UoP
- Design of Automated cup collecting unit for Thermoforming Machine
  - Supervised by : Dr. R. M.C. Rathnayake, UoP
- Design of Solvent recovery method for used Ink
  - Supervised by : Dr. R. M. C. Rathnayake, UoP

**Name and Designation:**

Gayan Yapabandara – Civil Engineer

**Academic Qualifications:**

Advance Diploma (Construction) - City &amp; Guild

Quantity Surveying, Estimating &amp; Tendering - City &amp; Guild

National Certificate for Industrial Technicians in Civil Engineering, Technical College, Kandy

**Professional Qualifications:**

Associate Member of Institution of Incorporated Engineers Sri Lanka

**Expertise**

Construction Management

Civil Engineering

**Previous Employment Record:**

Designation	Institution	No. of years
Civil Engineer	KSJ Constructions (Pvt.) Ltd.	08 months
Civil Engineer	Tritech Engineers (Pvt.) Ltd.	04 years
Site Manager	Maliban Textile Steel Building Project	08 months
Quantity Surveyor/Site Manager	Leisure World Water Project	1 ½ years
Technical Officer/Site Manager	Elemech Engineering (Pvt.) Ltd.	02 years
Quantity Surveyor	Bandaranaiyake International Airport Development Project	10 months
Technical Officer	Central Engineering Consultancy Bureau	01 year

**Expertise**

- Construction & Site Surveying
- Structural Elements, Hydraulics Geology and Soil Mechanics
- Construction Management
- Architectural Design
- Materials and Construction Technology
- Engineering Drawing
- Civil Engineering Mechanics
- Water Supply & Sanitation
- Surveying
- Highway Engineering
- Irrigation Engineering
- Measurement & Specification
- Lab Work

**Name and Designation:**

Saman Herath – Assistant Engineer

**Academic Qualifications:**

Advance Diploma (Construction) - City &amp; Guild

Quantity Surveying, Estimating &amp; Tendering - City &amp; Guild

National Certificate for Industrial Technicians in Civil Engineering, Technical College, Kandy

**Expertise**

Construction Management

Civil Engineering

**Previous Employment Record:**

Designation	Institution	No. of years
Engineering Assistant	Mahaweli Consultancy Bureau (Pvt.) Ltd.	1 ¾ years
Site Engineer	PAMS Hydro (Pvt.) Ltd.	01 year
Assistant Engineer	Mahaweli Consultancy Bureau (Pvt.) Ltd.	09 months
Site Engineer	Weswin Construction Nakkawita (Pvt.) Ltd.	2 ½ years
Technical Officer	Kaluthota Construction	3 ½ years

**Expertise**

- Construction & Site Surveying
- Structural Elements, Hydraulics Geology and Soil Mechanics
- Construction Management
- Architectural Design
- Materials and Construction Technology
- Engineering Drawing
- Civil Engineering Mechanics
- Water Supply & Sanitation
- Surveying
- Highway Engineering
- Irrigation Engineering
- Measurement & Specification
- Lab Work

**Name and Designation:**

Chathura Ganeemulla – Mechanical Engineer



**Academic Qualifications:**

B. Sc. (Hons) Engineering, University of Moratuwa

**Expertise**

Mechanical Engineering

**Previous Employment Record:**

Designation	Institution	No. of years
Trainee Engineer	Ceylon Electricity Board	06 months

**Expertise**

- Thermal management systems
- Production and operation management
- Machine designing
- Lighting
- Turnkey solar systems
- Installation of steam distribution systems
- Installation and maintenance of hot water systems
- Installation and maintenance of air conditioning systems
- Installation and maintenance of compressed air distribution systems
- Industrial engineering



**Name and Designation:**

W. A. M. P. K. Abeyasinghe – Electrical Engineer

**Academic Qualifications:**

B. Eng. (Hons) Electrical and Electronics, University of Hertfordshire, UK  
 HNDE Electrical Engineering, HNDE, Colombo

**Expertise**

Electrical and Electronics Engineering

**Previous Employment Record:**

Designation	Institution	No. of years
Electrical Engineer	Pass A Pizza Ltd., London, UK	02 years
Assistant Engineer	Senvec Lanka (Pvt.) Ltd.	01 year
Trainee Engineer	Roche Engineering Lanka (Pvt.) Ltd.	06 months
Trainee	Metropolitan Engineering (Pvt.) Ltd.	03 months
Trainee	Airport and Aviation Services (Sri Lanka) Ltd.	03 months

**Expertise**

- Electrical installation
- Electrical machine controlling and protection
- Mathematical analysis
- Performing pneumatics systems and compressors
- Performing generator, transformer operation, protection and maintenance
- Panel board assembling and testing
- A/C and D/C power generation and distribution
- Installation of solar power systems

**Name and Designation:**

Rushanth Chandrabose – Chemical Engineer

**Academic Qualifications:**

- B.Sc. Engineering (Chemical and Process Eng.) (Hons) (1<sup>st</sup> Class), University of Moratuwa
- Project Management (PMBOK) Certificate Level
- Certified EIA Consultant - CEA
- Certified Environment Consultant (CEA)
- Certificate course on wastewater treatment plant Design ( IESL)
- Training Programme on Waste Water Treatment Plant Design
- Certificate course on Carbon Footprint and GHG

**Professional Qualifications:**

Associate Member – IESL Sri Lanka

**Expertise**

Design and construction Management of Wastewater Treatment Plants for all industries

- Operational Management of Sewage Treatment plants (SBR)
- Providing Consultancy on Measurement of Industrial Emissions (Air, water etc.)
- Energy and Environmental Auditing
- Baseline Survey on Existing Environmental Situation
- Preparation of Environmental and Technical Feasibility Reports
- Machinery & Equipment Valuation
- Chemical and Process Engineering
- Environmental Engineering
  - Waste Water Treatment
  - Air Pollution Control
  - Solid Waste Management
  - Environmental Reports
- Designing of Energy Systems

**Previous Employment Record:**

Designation	Institution	No. of years
Project Manager (SJWP) – Part time since 2014	ISL Socio Economic Environmental Integration, No 123/8, Singhe Mawatha, Dambulla Road, Kurunegala	01 year
Consultant (Environmental Engineering)	ISL Socio Economic Environmental Integration, No 123/8, Singhe Mawatha, Dambulla Road, Kurunegala	01 year
Trainee Chemical Engineer	Industrial Solutions Lanka (Pvt.) Ltd.	10 months

## Major Projects handled as the Team Leader:

Design and construction Management of Wastewater Treatment Plants

### Client List

<b>Completed plants</b>	
<b>No</b>	<b>D/C Mills</b>
1.	Serendib Agri Business (Pvt) Ltd., Walpita
2.	Rich Life Dairies (Renuka Group), Panadura
3.	Ranwan Rice Mill, Kadawatha
4.	Luckyland Packaging (Pvt) Ltd., Kundasale
5.	Jaindi Export (Pvt.) Ltd., Dankotuwa
6.	Rice Lanka (Pvt.) Ltd., Polonnaruwa
7.	Madampe Mills (Pvt.) Ltd
8.	Chillaw DC & Oil Mills (Pvt.) Ltd
9.	NDC Exporters, Pannala
10.	Savi Enterprises, Yakwila
11.	Randeniya International (Pvt.) Ltd, Bemmulla
12.	Captain Rice Mill, Anuradhapura
<b>Plants under Construction</b>	
13.	Renuka Agri Foods PLC, Wathupitiwala II
14.	Rimsara Coconut Products
15.	Sanda Lanka DC Mills (Pvt.) Ltd
16.	St. Anne's DC Mills, Kalpitiya
17.	NMK Agro Foods, Kurunegala
18.	Pannala Oil Mills
19.	Kusuma Oil Mills Puttlam Road, Mundel
20.	Unagahadeniya DC Mills
21.	Thenuka Oil Mill, Marawila
22.	Senanayaka Oil Mill (Pvt.) Ltd, Pannala
23.	Oilta Virgin Oil, Badalgamuwa
24.	Madalagamuwa Oil Mills, Wadumunne Gedara

- Providing Consultancy on Measurement of Industrial Emissions (Air, water etc.) covering all types of sectors
- National Organizer ( Project Manager) of Stockholm Junior water Price 2014
- participated in World Water Week Conference at Stockholm, Sweden As a National Organizer
- Other Assignments
  - Environmental Situation Analysis Reports
  - Initial Environmental Examination Reports
  - Environmental Impact Assessment Reports

**Name and Designation:**

Kushan Wijesuriya – Chemist

**Academic Qualifications:**

B. Sc. Degree, University of Kelaniya

**Expertise**

Environmental Measurements

Laboratory Services

**Previous Employment Record:**

<b>Designation</b>	<b>Institution</b>	<b>No. of years</b>
Quality Assurance Executive	Pharmco (Pvt.) Ltd.	1 ½ years
Trainee	NARA	03 months
Marketing Assistant	Central Finance PLC	03 months

**Name and Designation:**

Priyan Suriyaarachchi - Chemical Engineer

**Academic Qualifications:**

B. Sc. Engineering Degree (2<sup>nd</sup> Class Upper), University of Moratuwa

**Expertise**

- Operational Management of Effluent and Sewage Treatment plants
- Environmental Auditing
- Preparation of Environmental and Technical Feasibility Reports
- Chemical and Process Engineering
- Environmental Engineering
  - Waste Water Treatment
  - Air Pollution Control
  - Solid Waste Management
  - Environmental Reports

**Previous Employment Record:**

<b>Designation</b>	<b>Institution</b>	<b>No. of years</b>
Trainee Engineer	Ceylon Petroleum Cooperation - Refinery Division	01 year

**Name and Designation:**

Jayanatha Herath – Technical Officer

**Academic Qualifications:**

NCT – National Institute of Fisheries and Nautical Engineering, Mattakkuliya  
Class II Boiler License

**Previous Employment Record:**

Designation	Institution	No. of years
Technical Officer	Industrial Services Bureau	05 years
Technical Assistant	Industrial Services Bureau	05 years

**Expertise**

- Thermal management systems
- Production and operation management
- Lighting
- Turnkey solar systems
- Installation of steam distribution systems
- Installation and maintenance of hot water systems
- Installation and maintenance of air conditioning systems
- Installation and maintenance of compressed air distribution systems
- Industrial engineering

**Name and Designation:**

W. P. S. D. Patrick – Director (Finance &amp; Administration)

**Academic Qualifications:**

Chartered Accountancy (Licentiate 1 &amp; 2), Institute of Chartered Accountants of Sri Lanka

Chartered Accountancy (Preliminary), Institute of Chartered Accountants of Sri Lanka

**Expertise**

Accountancy

Business Management

Business Administration

Human Resource Management

**Previous Employment Record:**

Designation	Institution	No. of years
Assistant Director (Administration)	Industrial Services Bureau (ISB)	01 year
Senior Administrative Executive	Industrial Services Bureau (ISB)	03 years
Group Accountant	ISB Services Ltd. ISB Technical Services Ltd. ISB Environmental Services	06 years
Accounts and Administrative Executive	Industrial Services Bureau (ISB)	10 years
Book Keeper cum Administrative Executive	Industrial Services Bureau (ISB)	01 year
Senior Accounts Clerk	Hotel Dolphin	3 years
Assistant Accountant	Eagle Security Organization	3 years

**Expertise**

- Financial Management
- Book Keeping
- Auditing
- Taxation
- Human Resource Management
- Organizational Administration
- Enterprise Development
- Skill Development and Management
- Training

**Name and Designation:**

Eng. Prabhath B. Weliketiya – Consultant (Part time)

**Academic Qualifications:**

B.Sc. Engineering (Civil Eng) - First Class Honor Degree - University of Moratuwa  
Post Graduate Diploma in Structural Engineering – University of Moratuwa

**Professional Qualifications:**

Associate Member – IESL Sri Lanka

Associate Member – The Society of Structural Engineers - Sri Lanka

**Previous and current Employment Record:**

Designation	Institution	No of years
Project Manager	Sathuta Builders (Pvt.) Ltd., Kurunegala	Present
Design Engineer	State Engineering Corporation (SEC), Colombo	04 years
Resident Agent	State Engineering Corporation (SEC), Colombo (Construction of Sirimavo Bandaranayake Hospital, Peradeniya)	05 years

**Major Projects handled:****Design Engineer – The State Engineering Corporation of Sri Lanka**

*From 02/05/2006 up to date (3 months) at Structural design office*

- Working in the staff of the Consultancy group.
- Participating in meetings with Architect and Quantity surveyor to discuss changes and finalize the plan.
- Designing and producing construction drawings with the approval of Project Engineer.
- Site visits and supervisions
- Managing Variations and conflicts
- Project involved
  - Design of Head office building for Sri Lanka Custom (12 storey building)
  - Design of Lanka Apollo Hospital – Colombo block – D (5 storey building)
  - Design of Electronics and Telecommunication Department building at University of Moratuwa (5 storey building)
  - Design of Lecture Theater and drawing office for faculty of Engineering, University of Ruhuna, Hapugala. (3 storey building)
  - Design of commercial complex at Karapitiya
  - Design of Information Technology centre at Yakkalamulla



## **Resident Agent (Civil) – The State Engineering Corporation of Sri Lanka**

*From 01/08/2002 to 30/04/2006 (3 years & 9 month) at Sirimavo Bandaranayake Specialized Children hospital at Peradeniya*

- Setting out work and orientation of the building.
- Planning, scheduling and progress monitoring.
- Verifying site level structural and architectural problems.
- Identifying various construction activities and making necessary documents for the awarding of sub contracts
- Selection of sub contractors
- Assigning different working group with supervisors
- Supervision of construction work
- Checking and certifying sub contractors' bill for payment
- Identifying and reporting variations.
- Identifying extra works and claiming.
- Coordinating with Head Office to obtain ordered material, to settle the bills and vouchers, to obtain suppliers' and subcontractors' payments etc.
- Controlling the Project within the budget.
- Maintaining Daily Progress Reports
- Participating in site meetings with the client, consultant and sub contractors
- Coordinating work of specialized subcontractors such as water proofing, Plumbing, Aluminum work, Air conditioning, Installation of elevators etc.
- Sewerage, Electrical and Telecommunication Ducts ,Storm Water Drainage, Internal Plumbing of Toilets
- Construction of infrastructures such as drains, manholes, draws pits etc.
- Preparation of As-Built Drawings
- Water proofing of large slabs, Large scale excavation and back filling using heavy machinery
- Concreting structures (e.g. slabs, lift wells)
- High quality finishes (e.g. vinyl and ceramic floor tiling, mineral fiber ceiling)
- Internal Roads