Kankyo Cleantech LLP, a global leader in energy from waste offers a broad portfolio of comprehensive environmental solutions...
Company Profile

At Kankyo Cleantech we are a one-stop-shop for anything under waste management - be it solid, liquid, gaseous or Hazardous.

Our expert engineers and technicians can customize from our wide gamut of waste management offerings to suit your exact requirement.

Our municipal and industrial waste treatment solutions are ideal for converting waste to energy, waste to fuel as well as liquid fuel, compost or biogas. We have an array of innovative cost effective solutions to meet our customers need.

Our Core Expertise Areas:

**Water treatment**
- Raw water treatment
- Ultrapure water
- Desalination
- Deionization
- Filtration
- Process water treatment
- Disinfection

**Wastewater treatment**
- Membrane Bioreactor
- Moving bed bioreactor
- UASB Technology
- Algae based treatment
- SMART ETPI
- Hybrid reactors
- Sludge treatment
- Sequencing Batch Reactor Technology
- Advance Oxidation
- Electro Oxidation

**Solid waste management**
- In-vessel composting
- Magnetic waste destruction
- Resource recovery

www.kankyocleantech.com
Waste to energy

Plasma gasification
Biogas
Bio CNG
Refuse derived fuel

Some of Our other expertise includes:

- Water desalination to convert brackish, sea water to potable.
- Solar power containerized decentralized water treatment systems
- De-ionized ultra pure water for process applications
- Industrial effluent and sewage treatment
- Algae based wastewater treatment
- Zero liquid discharge
- Biogas and Bio CNG plants
- Hazardous and non hazardous waste treatment through Plasma gasification
- Invessel composting
- Bioremediation of wastewater, lake and soil.

Other Services

Lab services
Feasibility studies
Operation & Maintenance

www.kankyocleanotech.com
Operation & Maintenance Services

Kankyo understands that in certain instances there is a lack of resources and/or expertise to operate and maintain water and wastewater treatment works, waste to energy plants. Therefore, we decided to expand our business in order to deliver a complete and holistic solution for our clients.

We have done this by not only supplying our clients with the turnkey solutions, but also providing the client with Operation and Maintenance (O&M) services customized for their specific needs, based on the treatment solution provided and extent of their operational and maintenance resources available.

In other words Kankyo provides a client specific solution for their O & M requirements in order to provide the client with peace of mind that the plant will be operated and perform according to its design.

SCOPE OF INCLUSIONS

Kankyo can deliver the complete O&M solution for your treatment works, from appointment of daily operators and management of staff, to sample analysis and mechanical maintenance. This complete solution allows the client to focus on their core responsibilities with the peace of mind that the day to day concerns of their treatment works are being dealt with efficiently.

We do however strive to provide a client specific combination of services which complement any resources the client will already have in place. This is to ensure the treatment plant will have an appropriate O&M Plan and Procedure which provides surety that the plant will continue to perform as designed.
The services Kankyo can provide include, but are not limited, to the following:

- Appointment of Process Controllers
- Treatment works surveys and feedback reports by Process Engineers/Technologists
- Sample Analysis and Interpretation
- Mechanical Maintenance
- Electrical Maintenance
- Process Optimisation
- Operation and Maintenance Manual preparation or updating
- Process Controller training
- General Plant Servicing and upgrading
- Supplying of Spares (Electrical, Mechanical, Instrumentation)
Lab Services
Kankyo has partnered with Hiyoshi India for offering their comprehensive lab services to its esteemed clients.

About Hiyoshi India
HIYOSHI INDIA ECOLOGICAL SERVICES PRIVATE LIMITED has established in 2011 as a subsidiary company of Hiyoshi Corporation, Japan.

The slogan of Hiyoshi Corporation is which means "No Company can exist without social contribution and competence".

Based on the slogan, Hiyoshi has devoted for more than 50 years in changing for the better environment and at present Hiyoshi have about 200 official business accreditations and 2000 personal certifications. Furthermore for social contribution, we have continued over 20 years of international contribution especially in India.

So with such firm techniques and knowledge which Hiyoshi has developed HIYOSHI INDIA ECOLOGICAL SERVICES PRIVATE LIMITED has established for India’s better life and better environment.

Measurement and Analysis
Water testing and analysis Food, feed and material analysis

Environmental Consulting
Water quality and soil pollution research Feasibility study

Facility Operation and Management
Operation and management of waste water treatment facility Operation and management of drinking water and sewage treatment facility
Mission
Our mission is to make the world cleaner and more sustainable by creating valuable energy and resources from local, renewable waste. Our goal is to help our customers reduce disposal costs and become leaders in sustainability by delivering reliable sustainable solutions.

Vision
Kankyo Cleantech will be the recognized leader for environmental solutions through excellence in Technology, Quality, and Customer Service.

Our Research Associations

Technology Partners

www.kankyocleantech.com
P. Dev Anand  
Founder & CEO

Dev is a Mechanical Engineer with Masters in Environment management and Business Administration has over 25 years experience in the field of renewable energy, water and wastewater treatment, solid waste management and thermal engineering.

Dev is an alumni of the prestigious IVLP program of US on Climate change Clean Energy. He is also the consultant panelist of Waste to Energy for World bank, US.

He has a vast collection of Indigenous research works to his name and an immense experience in the area of Sustainable Engineering and technology. Today, Dev is intensifying the Company’s activities into the knowledge domain of sustainable processes and systems in the global arena. The focus is on clean technologies and SMART Energy systems.

C. Sriram  
Co-founder & COO

Chellappa Sriram is a professional with vast experience in the Japanese market. He is a Mechanical Engineer from Madras University. He has overall 25 years of experience in the Japanese Industry. He brings together his proficiency in the technology side, expertise on the marketing side and sound knowledge of Japanese business practices and the language.

He has the experience of working as Country Manager and Business development Manager roles for Indian firms in Japan. He holds the following positions

- Vice President, ABK-AOTS DOSOKAI, TamilNadu Center, Chennai.
- Joint Secretary, Indian Chamber of Commerce in Japan

Balaji Gurusamy  
Chief Marketing Officer

An Electronics and Communication Engineer with Post graduation in Business management who has over more than 14 years of experience in the field of Information Technology, Satellite, Telecom and Energy domain.

He has been associated with various large IT Organizations both in India and abroad with companies such as Infosys, CSC Covansys, EDS and Alcatel working across various domains related to Telecom, Automobiles, Energy, Oil and Gas and Payment Gateways and has extensive knowledge in Business Consulting and Business Process Modeling.

Have developed interest in the field of environment during his several assignments and has hands of experience in Biomass fuels, Waste to energy, Liquid waste treatment and Organic Products.
Prof. Dr. N.S. Varandani
Technical Advisor

Prof. Dr. N.S. Varandani is a Principal Research Scientist, Environment & Energy Efficiency Research Wing at Gujarat Energy Research and Management Institute (GERMI) Research, Innovation and Incubation Center, Gandhinagar, Gujarat, India. Prof. Dr. N. S. Varandani has extensive qualitative experience in academics and the field projects.

He has led the team of Environmental Engineers to solve the varied environmental problems related to water and waste water treatment, control of gaseous emissions, management and disposal of municipal and industrial hazardous solid wastes, environmental impact assessment etc. He has also contributed effectively, through fundamental and applied research in the field of ‘waste – to – energy’. He is member of several committees formed by the government agencies to address the pressing problems of environmental pollution. He has also served as Dean (PG&Ph D) at Gujarat Technological University for two years.

He has been awarded with Dr. Vikram Sarabhai Award for Science & Technology, 2009 -2010, for developing ‘Integrated Air Pollution Control System for Cupola based foundries’ of Ahmedabad city.

Mr. Shyam Prasad Manna
Plasma Gasification Specialist

A B.Tech (Hons) from IIT Kharagpur has worked extensively in developing innovative products in the field of New and Renewable Energy for domestic and industries.

A specialist in Furnace and Automation, has carried out extensive Research in Plasma gasification technology for various types of waste and successfully modeled decentralized Plasma gasification technology. Has 35 years of solid expertise in this segment.
Harumitsu Nishikawa
Environment Specialist

Mr. NISHIKAWA holds a doctorate in Science and Pharmacology. Currently the Director of Sigma Institute of Environmental technology and visiting professor of Nagoya Institute of Technology.

His core expertise areas are Environmental protection technology, Environmental science, and Analytical chemistry. He has carried out extensive research and collaborative work in these areas and has come out with innovative solutions.

Eshwar Reddy Purmandla
Waste to Energy Specialist

A Chemical Engineer with post graduation in process design has over thirty five years experience in Process Operations, SHE, Effluent and Sewerage collection systems, CETP's, solid waste treatment and disposal, engineering designs & projects management, Infrastructure Development, Administration & Business Expansion Plans.

He has a strong proficiency in managing and leading teams for running successful ventures & experienced in establishing systems for business excellence from conceptualization to strategic exit.

Worked for Prestigious organizations like Rashtriya Chemicals & Fertilizers Limited, Rallis India Limited, a Tata Group Company and as Chief Executive Officer of Ramky Pharmacity (India) Limited.

Takeji TAKUI, Dr. Eng (Ph.D)
Wastewater Specialist

Professor Takeji TAKUI is the Senior University Research Administrator, specially Appointed Professor, Professor Emeritus in Osaka City University.

He has a vast expertise in environmental area. He specializes in advanced and conventional chemical analysis of water qualification of wastewater emitted from factories and firms. His other core expertise are superchemical and conventional chemical technology for removing toxic heavy metal ions from wastewater, Zero emission sewage disposal approach, chemical-physical qualification of Nano-bubble water.
Global presence

Global presence in all our current and potential markets is an essential element of our business strategy.

We are present in all regions where our customers are active, so that we can respond as effectively as possible to their needs.

Our wide geographical coverage enables us to identify and respond swiftly to new trends and opportunities.

Given our long international experience, doing business at a global level we always make it a priority to develop good relations with local channel partners.

We're committed to growing to serve more customers – and to constantly making our products and services even better. Operating throughout the world enables us to better understand the challenges that our customers face – and to provide even better solutions.
Kankyo Cleantech LLP

"An Indo Japanese Collaboration"

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Save the Environment and you will Save the Life and Future.