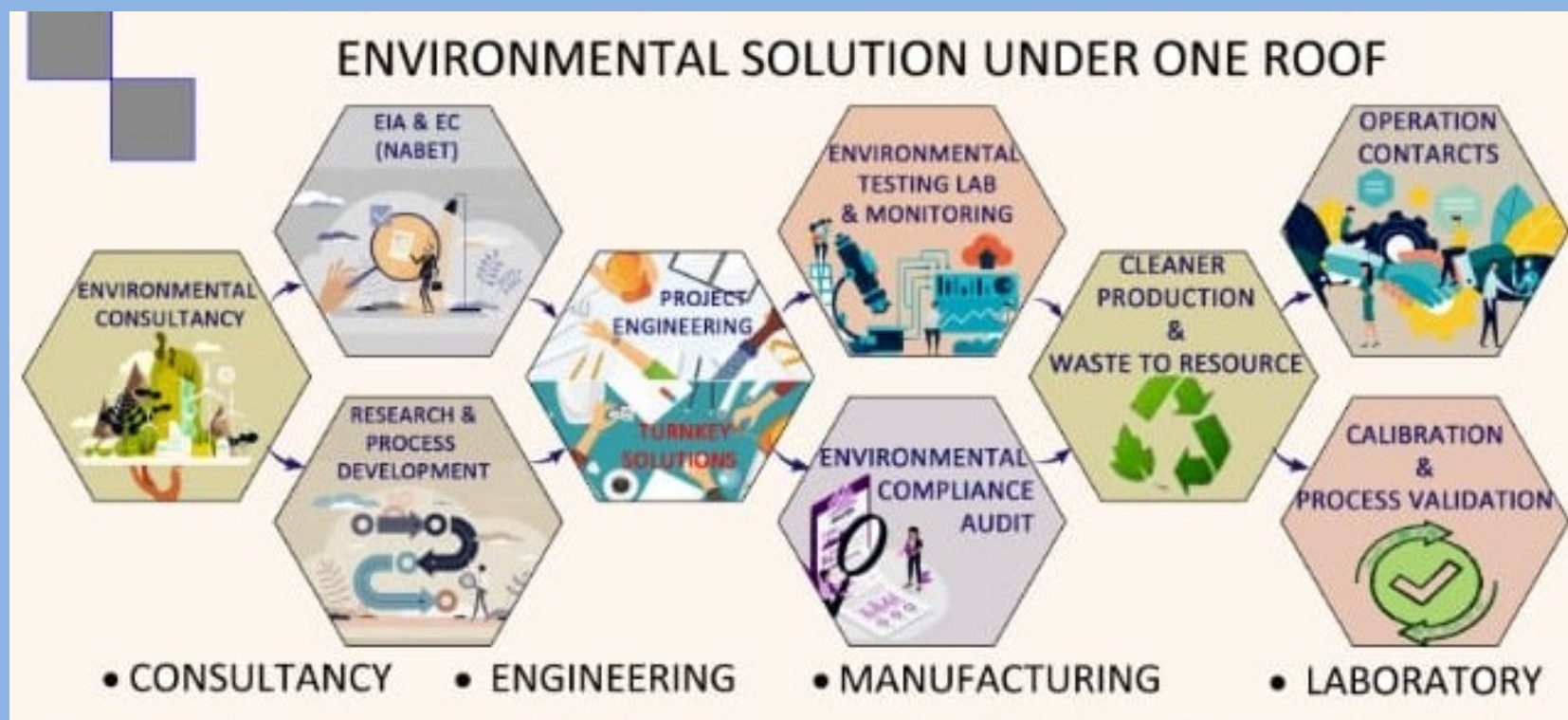




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ENVIRO TECH AND ENGINEERS PVT LTD



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Established (in Year 1998)

Promoter: Paresh K Mevawala



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Head Office :

*306, The Lenora, Opp St Thomas School,
New City Light Road, Surat – 395007*

**Design and Project Consultancy Division,
Env Testing Laboratory, Calibration and
Validation Laboratory, EPC Division and
Equipment Production Division.**

*Plot No D/29/16-17, Road No. 17, Hojiwala
Industrial Estate, Gate No. 3, Sachin Palsana
Road, Sachin, Surat – 394230.*

Branch Office :

*310, The Acropolis, Dahej By-pass Road, Nr.
Shravan Chokdi, **Bharuch** – 392001.*

*2nd Floor, Privillion, East Wing, Sarkhej -
Gandhinagar Hwy, Vikram Nagar,
Ahmedabad, Gujarat 380054*

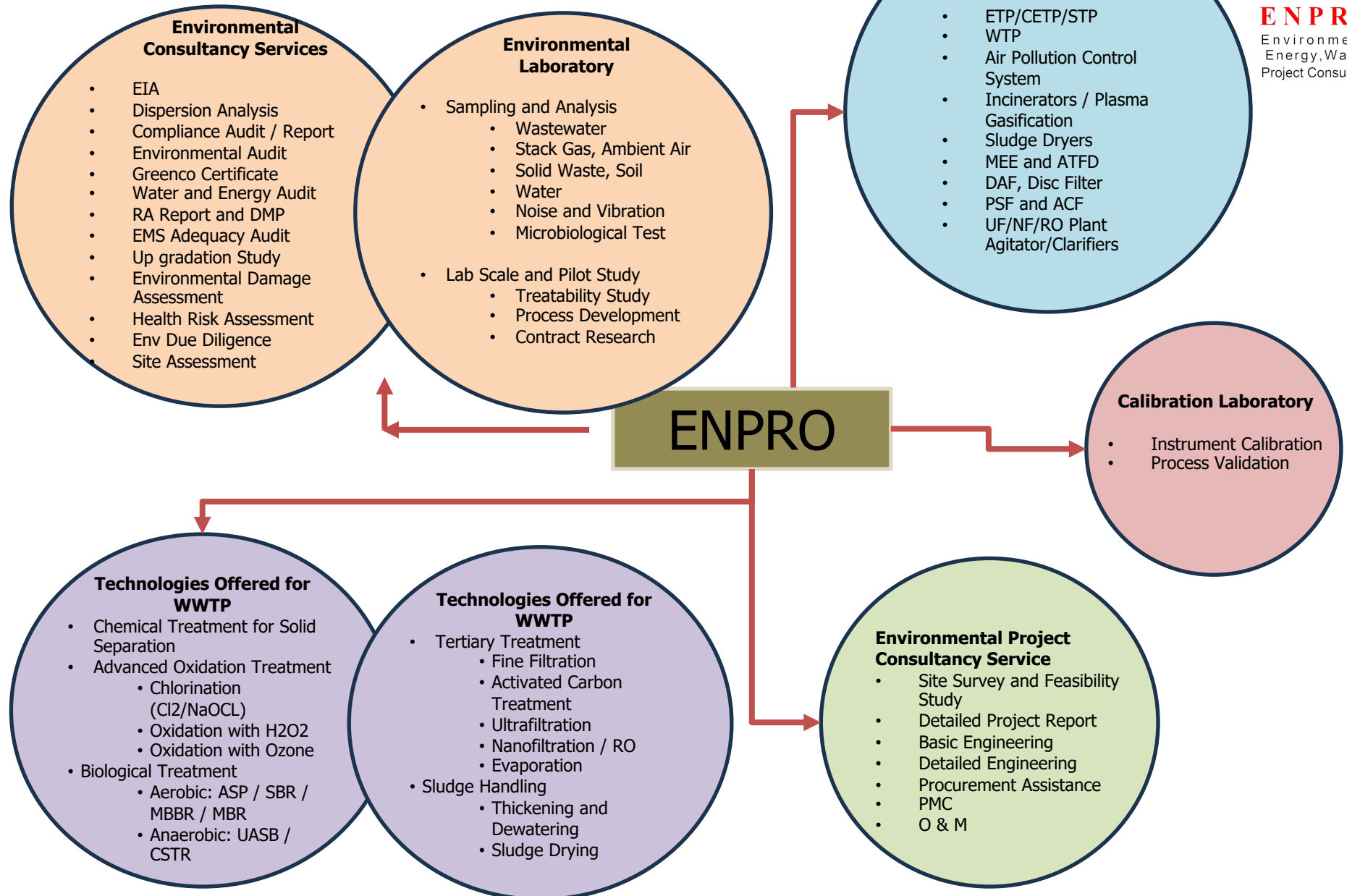
*Athal, Naroli Road, **Silvassa**. (Business
Associate)*

WORK-PROFILE: ENVIRONMENT BUSINESS

Areas of expertise



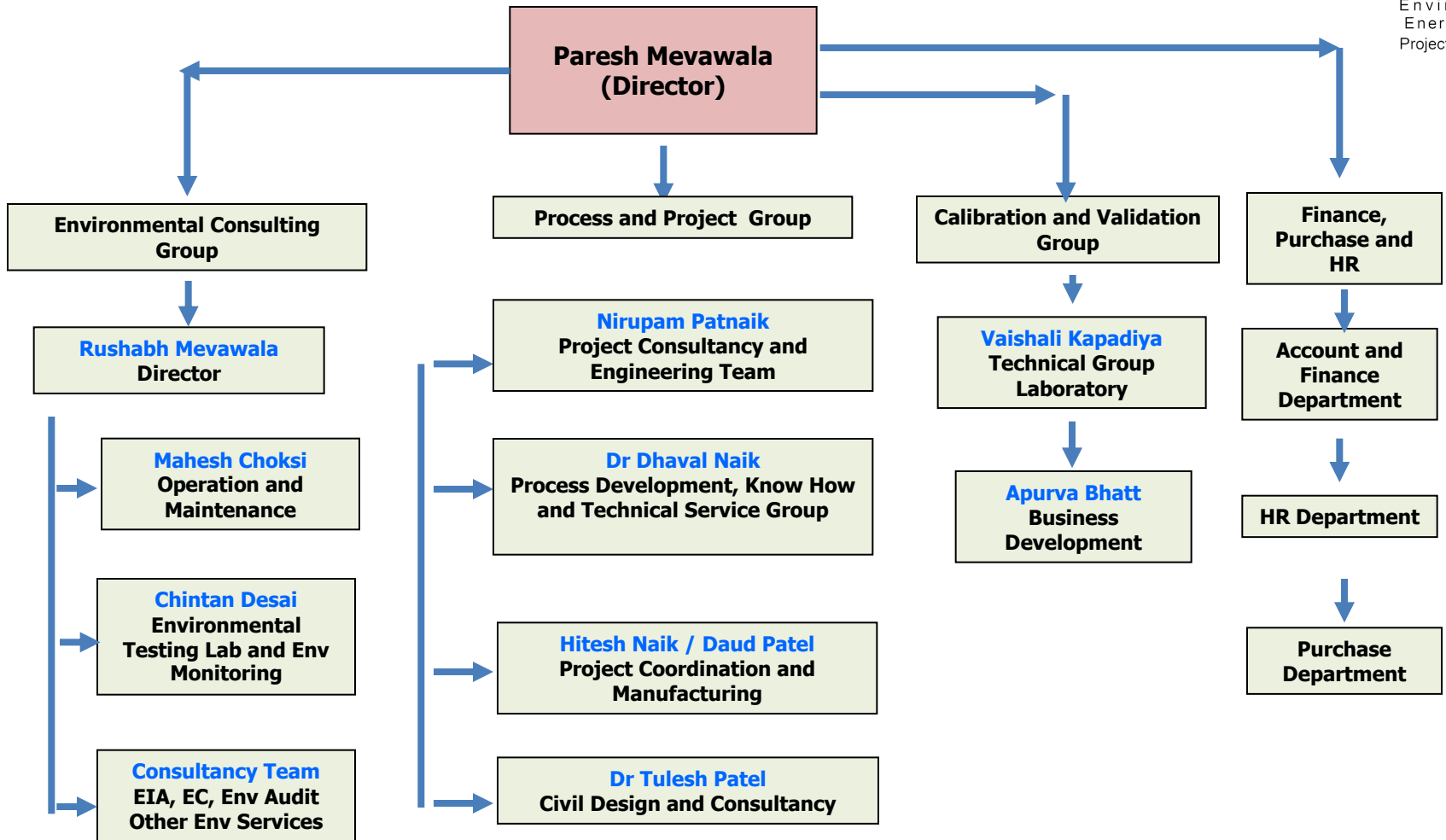
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ORGANOGRAM



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Sectors Covered

Common Infrastructure Projects:

Common Effluent Treatment Plant (CETPs)
Common Hazardous Waste Management Facilities (TSDF and Incinerators)
Common Biomedical Waste Treatment Facilities (BMW)

Industrial Sectors:

Chemical Industries
Petrochemical Industries
Advanced Pharmaceutical Intermediate (API) Industries
Fertilizer Industries
Dyes and Dye Intermediates Industries
Textile Dyeing and Printing and Weaving Industries
Chlor Alkali and Heavy Chemical Industries
Engineering Industries
Pulp and Paper Industries
Power Plant

Accreditation/Recognitions



International Organization for Standardization

- ISO 45001 : 2018
- ISO 9001 : 2015
- ISO 14001 : 2015



Quality Council of India (QCI) - NABET

- Certificate No. : NABET/EIA/25-28/RA 0388
- Valid upto 11th January 2028



Ministry of Environment, Forests and Climate Change

- Environmental Testing Laboratory valid upto 24th Jun, 2027



Gujarat Pollution Control Board

- GPCB Approved Schedule II Environmental Auditor
- Recognition Letter No. GPCB/EAC/SCH-II/51/811833 dated 21st May 2024
- Valid upto 31st December 2025

Our Valuable Clients



Palsana Enviro Protection Limited





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LIST OF PROJECTS

WWTPs / CETPs

List of some of WWTP Projects				
Sr No	Sector	Name of Project	Capacity, M3/Day	Year
1	Chemical / API / Petrochemical Ind	Aarti Industries, Dahej	300	2021
		Valiant Industries, Jhagadia, Bharuch	200	2023
		Aarti Industries (Custom Division), Vapi	250	2020
		Colourtex Industries, Vilayat, Bharuch	10000	2023
		Colourtex Industries, Pandesara, Surat	15000	2023
		Vilayat Pharma, Vilayat, Bharuch	5000	2023
		Chemanol. Jubail. RSA	1000	2021
		Aether Industry, Sachin, Surat	500	2021
		Aether Industry, Panoli, Bharuch	1500	2023
		Ami Organic Ltd, Sachin, Surat	200	2022
		Acetochem (Unit I), Pandesara, Surat	200	2022
		Acetochem (Unit II), Pandesara, Surat	80	2023
2	Fertilizer / Engineering / Other	GNFC Ltd, Bharuch	4500	2023
		L & T, Hazira, Surat	800	2018
		TN India Pvt. Ltd., Silvassa	80	2023
		China Steel, Dahej, Bharuch	150	2018
3	Common Effluent Treatment Plant	Globe Enviro Care Ltd, Sachin, Surat (For Chemical / API / Petrochem industries)	1000	2022
		CETP at MIDC, Butibori, Maharashtra. (For Mix of chemical and Textile Industries)	5000	2012
		CETP at MIDC, Waluj, Maharashtra. (For Mix of Chemical, Engineering and Petrochemical Industry)	10000	2013
		CETP of Sachin Infra Environment Ltd (Textile Industry), Sachin, surat	80000	2022
		CETP of Palsana Enviro Protection Limited (Textile Industry), Kadodara, Surat	150000	2021
		CETP at MIDC, Hatkalangal, Kolhapur, Maharashtra (Textile and Chemical)	10000	2015
		CETP of PandesaraInfrastructure Limited (Textile and Chemical Industres), Pandesara, Surat	100000	2022



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CETPs (6 Nos) (Maharashtra)

- MIDC Butibori, Nagpur 5 MLD
- MIDC Waluj, Aurangabad: 10 MLD
- MIDC Kagal, Kolhapur: 10 MLD
- MIDC Amravati: 5 MLD
- Addnl MIDC Butibori: 5 MLD
- Ichalkaranji Area: 10 MLD and 2 Nos 5 MLD (ZLD)



CETPs (7 Nos)

- **PEPL, Kadodara : 100 MLD and 150 MLD
Surat**
- **SIEL, Sachin : 50 MLD to 80 MLD
Surat**
- **PIL, Pandesara : 100 MLD Brown Field
Surat**
- **HIL : 20 MLD Green Field
Hojiwala Ind Estate, Surat**
- **Shahlon : 20 MLD
Water Jet Looms**
- **Roongta : 20 MLD
Water Jet Looms**
- **Globe Enviro Care : 1 MLD (0.5 MLD
ZLD)**





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Design, Fabrication and Supply of STPs



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Some of the Major clients

Sr No	Name of the client	Capacity of STP	Year of supply
1	Raychem RPG Private Limited, Halol	60 KLD	2021
2	Aether Industries Limited, Sachin GIDC, Surat (Unit-1)	20 KLD	2022
3	TN India Private Limited, Bhilad	24 KLD	2022
4	TN India Private Limited, Silvassa	20 KLD	2023
5	Coloutex Industries Limited, Vilayat GIDC	30 KLD	2023
6	Aether Industries Limited, Sachin GIDC, Surat (Unit-2)	20 KLD	2023
7	Aether Industries Limited, Panoli GIDC, Ankleshwar (Unit-3)	75 KLD	2024

Photographs of the STP Supplied



Photographs of the STP Supplied



Plant Ready for Dispatch





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CETP / ETP

Operation & Maintenance

O & M Experience

<i>Sr No</i>	<i>Name of Client</i>	<i>Capacity (KLD)</i>	<i>Project</i>
1	Pandesara Infrastructure Ltd, Surat	100,000 KLD	CETP
2	Hojiwala Infrastructure Limited, Surat	20,000 KLD	CETP
3	Palsana Enviro Protection Limited, Surat	150,000 KLD	CETP, 150 MLD
4	Acetochem, Surat (2 Locations)	150 KLD	ETP / ZLD Based 150 KL/Day (Primary, Secondary, MEE, ATFD, RO)
5	GNFC Limited (2 Locations)	200 KLD	ETP
6	Kribhco, Surat	300 KLD	STP
7	GMDC, Gujarat (3 Locations)	500 KLD	ETP
8	Sunpharma, Dahej	150 KLD	ETP
9	Ajanta Pharma, Dahej	200 KLD	ETP
10	Atventic, Dahej	200 KLD	ETP
11	Nerolac, Vilayat	200 KLD	ETP
12	Reliance, Dahej	1500 KLD	ETP
13	Pidilite	100 KLD	ETP
14	Raychem	50 KLD	ETP



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Hazardous Waste and Bio Medical Waste Projects

DETAILS OF TSDF SITE COMPLETED AND UNDER EXECUTION



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Sr No	Name	Scope of Work	Description	Year of Completion
1	TSDF, MIDC, Ranjangaon, Pune	Basic Design, Detailed Engineering, Project Management Service, Commissioning	Plasma Gasification Project 50 TPD	2008
			Under Operation	
2	TSDF, MIDC, Ranjangaon, Pune	Basic Design, Detailed Engineering, Project Management Service, Commissioning	Liquid Incinerator 20 TPD	2021
			Under Commissioning	
3	TSDF, MIDC Butibori, Nagpur	Turnkey Contract	Rotary Incinerator, 1 TPH	2023
			Under Execution	
4	TSDF, GIDC	Basic Design, Detailed Engineering, Project Management Service, Commissioning	Secured Land Fill, Pre Processing, Incineration, Stabilization	2022
			(Under execution)	
5	TSDF, MIDC, Ranjangaon, Pune	Detailed Project Report	Rotary Incinerator - 2 TPH	2020
			BMW Site planning with Autoclave, Rotary Incinerator, ETP.	
6	BMW, Jaywant Industry, Maharashtra	Detailed Project Report	BMW Site planning with Autoclave, Rotary Incinerator, ETP.	2023

Projects Summary

Hazardous Waste Management Facility

Client: SMSIL, Nagpur

ENPRO Scope: Design, Engineering & Project
Mgmt of BOP and detailed Engg
of Plasma System

SLF /Solidification Capacity: 60000 Tons/Annum

Plasma Plant Capacity: 3 Tons/hr, 9 Million Kcal/hr

Power Generation: 3 MW

Project Location:

1. MIDC, Ranjangaon, Pune
2. MIDC, Butibori, Nagpur

Status: Pune Plant Commissioned

Project Cost 800 M INR



MAJOR PROJECTs - Haz Waste and Air Pollution Control System



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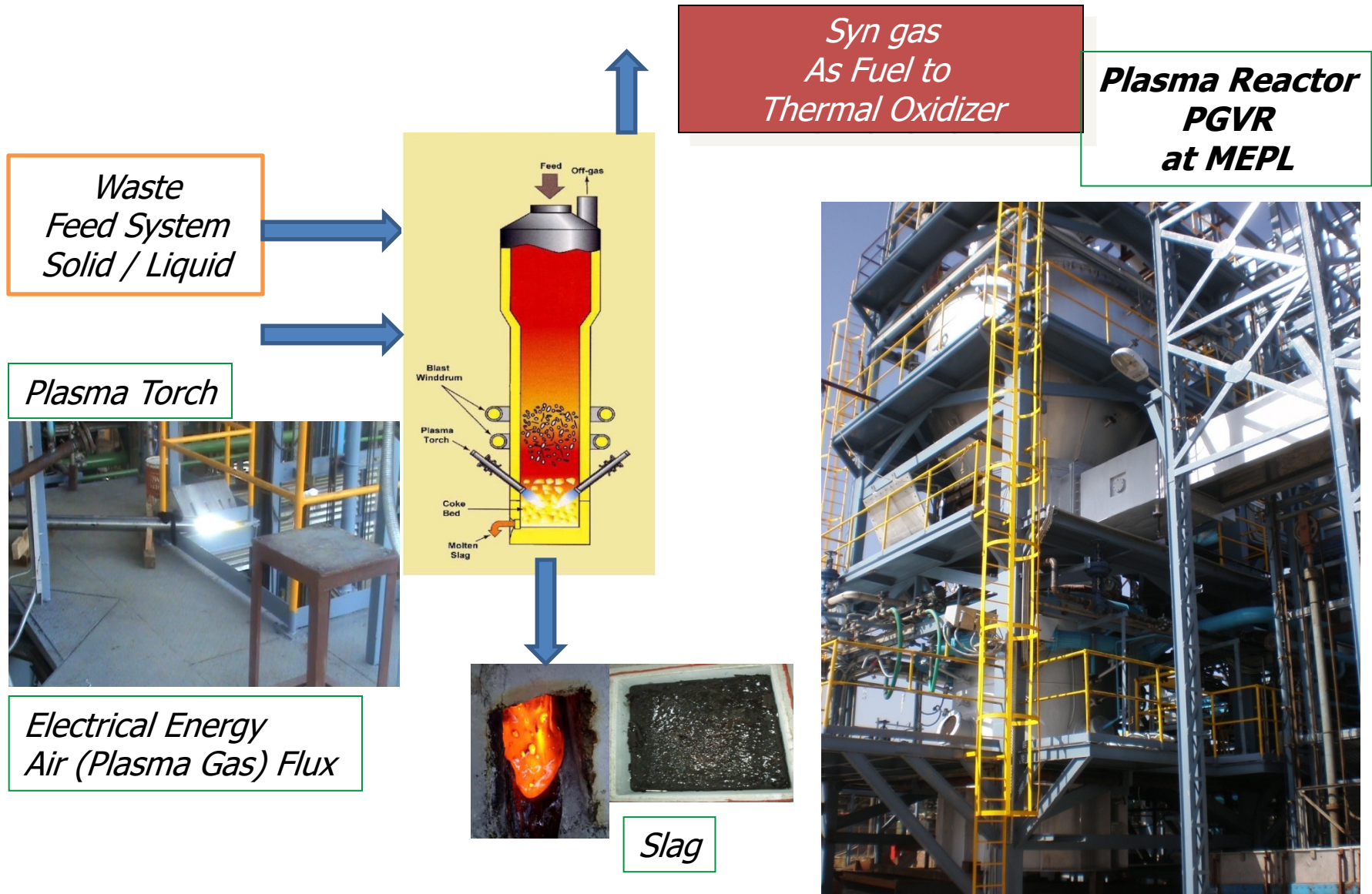
Project Summary

Plasma Gasification Based Solid Waste Treatment Plant

ENPRO Scope:	Development, Design, Engineering and Manufacturing
Technology:	Plasma Pyrolysis
Capacity:	60 kg/hr
Client:	PEAT International, USA.
No of Such Units:	Unit 1: Demonstrated In India now at Taiwan
	Unit 2: Under operation at USA
	Unit 3: Under commissioning at China
Project Cost	30 M INR All together

APPLICATION OF PLASMA TECHNOLOGY

PLASMA PROCESS OVERVIEW



APPLICATION OF PLASMA TECHNOLOGY

Gas Cleaning System: At SMSIL

*Polishing Sc with Alkali
Gas Cooling: Outlet Gas < 50 °C*

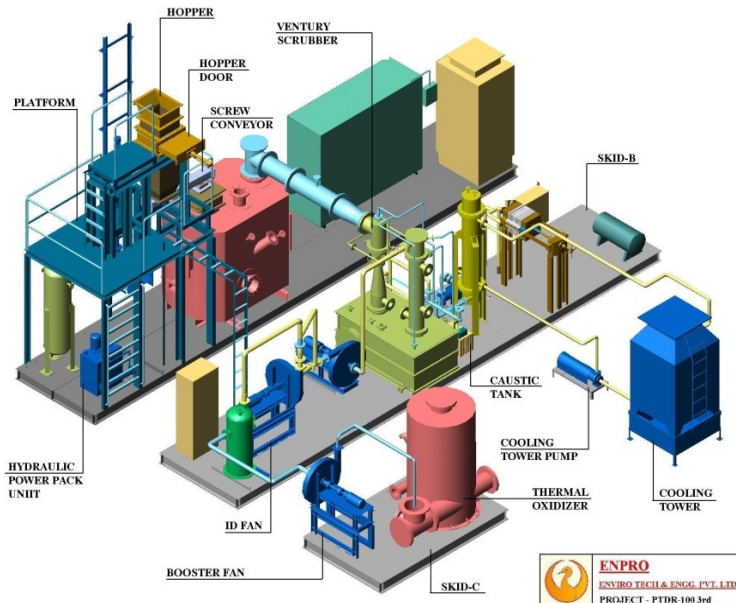
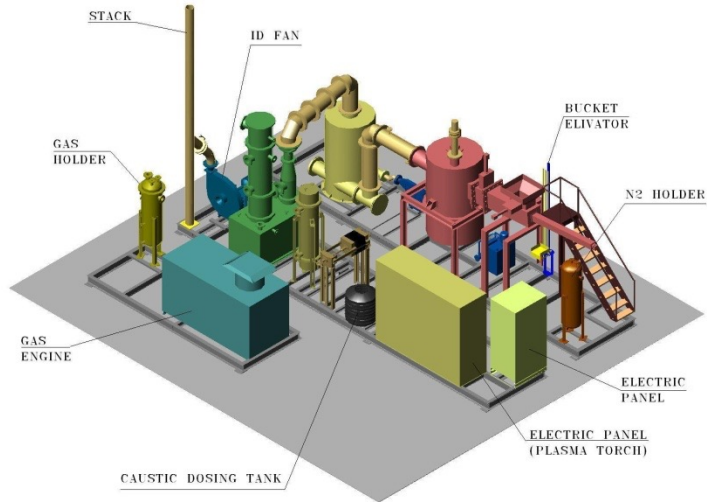
*Venturi Quench: 300 to 73 °C
Direct Contact Sc: SO₂/HCl removal*

Wet ESP: PM < 30 mg/NM³

Stack: 45 m High, MSRL



MAJOR PROJECTs on Plasma Tech. - Skid Mounted Systems





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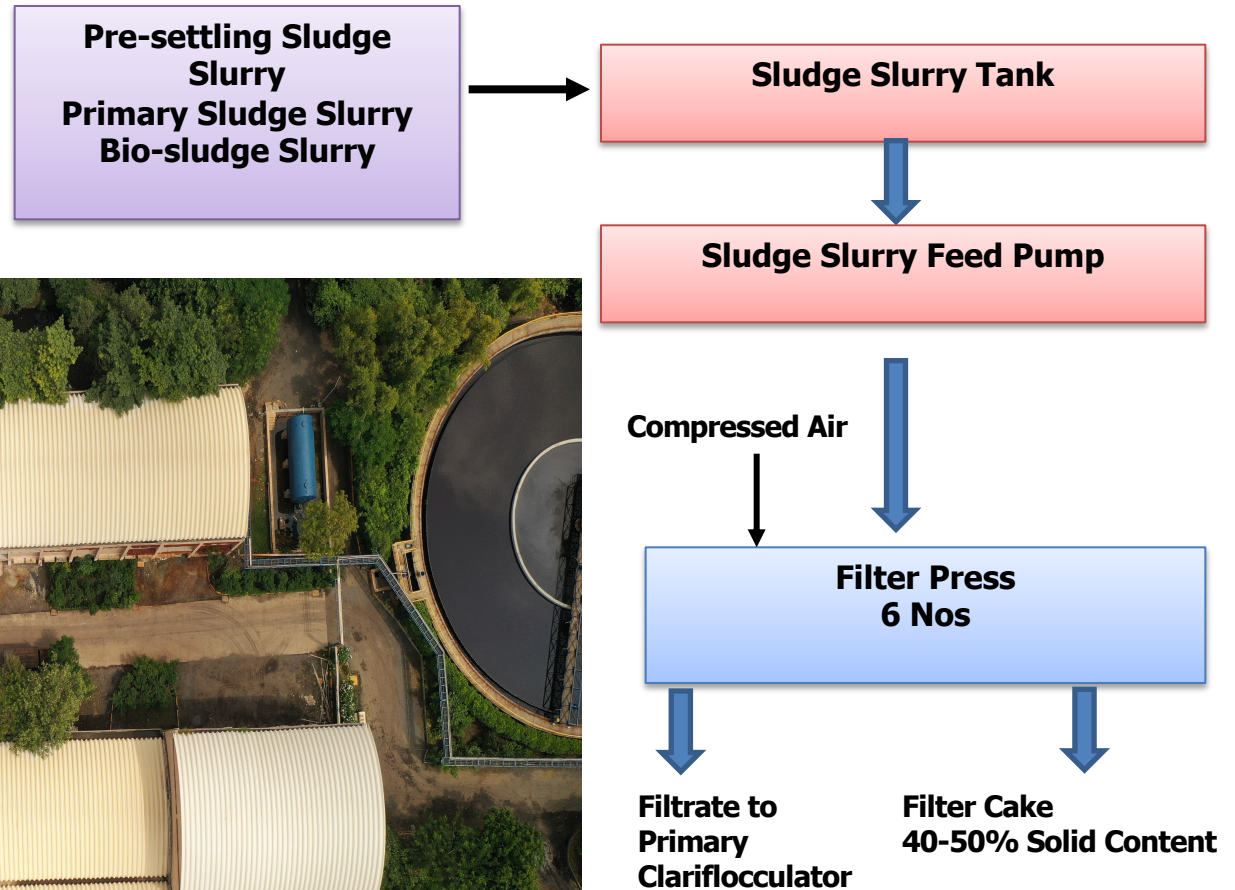
Sludge Drying Projects

SLUDGE DRYING PROJECTS (Item No. 1 & 2 are Solar based)

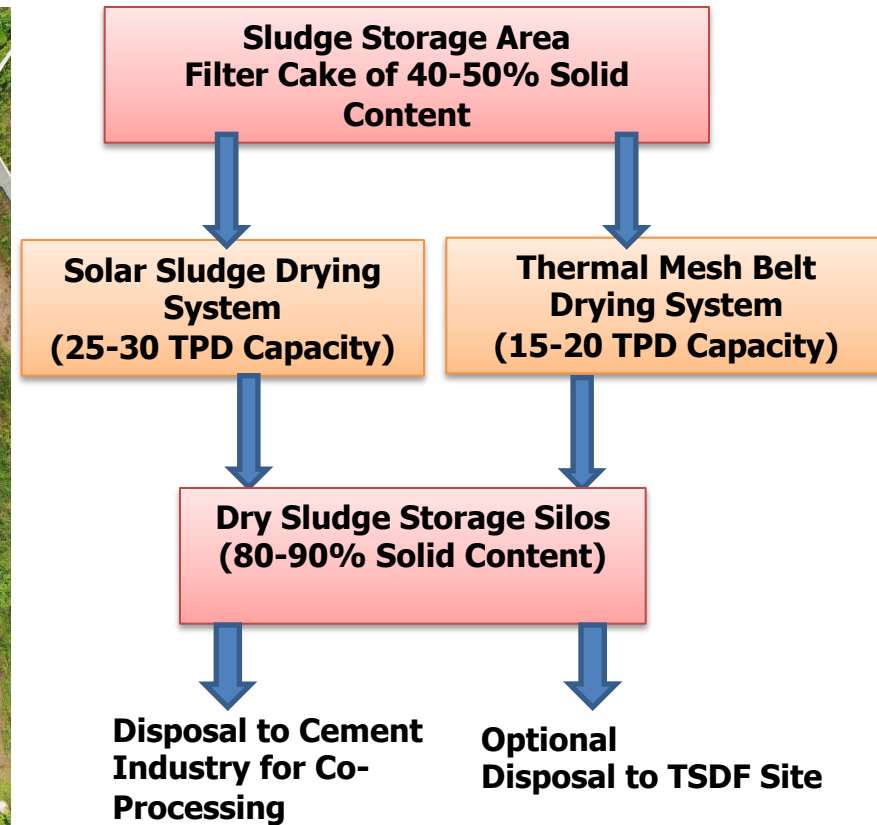


Sr No	Name	Scope of Work	Description
1	Pandesara Infrastructure Limited	Concept Development, Tender Document, Basic engineering, Project Management, Commissioning and Operation and Maintenance	30 TPD Solar Sludge Drying
			20 TPD Thermal Sludge Drying from waste heat recovery
2	Sachin Infra Environment Limited	Concept Development, Tender Document, Basic engineering, Project Management, Commissioning	20 TPD Solar Sludge Drying
			20 TPD Thermal Sludge Drying from waste heat recovery
3	Nature Tech for Narol CETP	Design, Engineering and Turnkey Supply of Waste Heat Recovery system for Mesh Belt Dryer	30 TPD Sludge Drying

PANDESARA INFRASTRUCTURE LIMITED
COMMON EFFLUENT TREATMENT PLANT
SLUDGE DEWATERING AND DRYING PROCESS



**PANDESARA INFRASTRUCTURE LIMITED
COMMON EFFLUENT TREATMENT PLANT
SLUDGE DEWATERING AND DRYING PROCESS**





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Environmental Consultancy

Assignments

Environmental Monitoring





SOME OF ENVIRONMENTAL CONSULTANCY ASSIGNMENTS

Sr. No.	Name	Scope of Work	Description
1	Environmental Audit	Environmental Audit of Industries as per Env Audit Scheme of Gujarat State (Sch II Env Auditor)	25-30 Env Audit per year on Avg basis in last 5 years
2	EIA Reports	Env Impact Assessment Report for obtaining Environmental Clearance	NABET Accredited EIA Consultant having various Sectors and inhouse experts.
			Avg 12-15 EIAs per year in last five years.
3	Environmental Monitoring	Environmental Testing Laboratory for Water and Wastewater, Air and Gas, Soil and Solid Waste, recognised by MoEF & CC under EA Act – 1986 (valid upto 24/06/2027)	Compliance Monitoring of 30 Clients on Avg Basis per year from last five years.
4	Detailed Project Report	Site Feasibility, Selection of Technology, Basic Engineering, Cost Estimation and related drawings	DPR for CETPs, Effluent Conveyance Network, Deep Sea Disposal Line, TSDF Sites, Capitive Effluent Treatment Plant and any such project.
5	Environmental Due Diligence and Compliance Report	EC Compliance Report, Due Diligence Report for existing site and proposed site	Avg 15 projects per year of this nature in last five years.

ENVIRONMENT IMPACT ASSESSMENT SECTORS

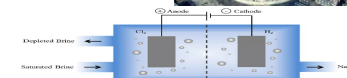


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Sector	Category
Thermal Power Plant	1 (d), Category - B 
Cement Plants	3 (b), Category - B 
Pesticides Industry and Pesticide Specific Intermediates (excluding formulations)	5 (b), Category - A 
Pulp & Paper Industry excluding manufacturing of paper from wastepaper and manufacture of paper from ready pulp without bleaching	5 (i), Category - B 

ENVIRONMENT IMPACT ASSESSMENT SECTORS

Sector	Category
Synthetic Organic Chemicals	5 (f), Category - A/B
Common Effluent Treatment Plant	7 (h), Category - B
Chlor-Alkali Industries	4 (d), Category - B
Isolated Storage & Handling of Hazardous Chemicals	6 (b), Category - B
Common Hazardous Waste Treatment, Storage and Disposal Facilities	7 (d), Category - A
Bio-medical Waste Treatment Facilities	7 (da), Category - B
Common Municipal Solid Waste Management Facility	7 (i), Category - B



ENPRO Project Group

ENPRO strength is to provide solutions in the field of Effluent Treatment Plant, Air Pollution Control System and Solid Waste Management Treatment based on inhouse knowhow.

ENPRO's thrust is on continuous study on inhouse pilot plants for development of most feasible technology and for continuous improvement of existing technology.

ENPRO has inhouse R & D Laboratory, Pilot Plant for providing edge over others in the field for providing most optimum solutions for various environmental problems.

ENPRO has inhouse manufacturing facility to manufacture and supply commercial package systems such as ETP, STP, MEE, ATFD, RO Plants, Dryers, Filters, Bag Filters, Cyclones, Scrubbers, Incinerators & Waste Heat Recovery system to provide single point solutions in the field of Environment.

ENPRO Consultancy Group

ENPRO has dedicated Consultancy Group consisting of Engineers and Scientists in the field of Water Pollution, Air Pollution, Air Quality Monitoring, Solid Waste Management, Ecology and Bio Diversity Study, Socio Economic study, Study of Land Use and Safety Experts.

ENPRO Consultancy Group has following services or products in their basket

- EIA Study (NABET Accredited EIA Consultant)
- Environmental Audit
- Compliance Audit
- Environmental Due Diligence Report
- Service Related to Greenco Certificate
- RAR and DMP

ENPRO has inhouse state of the art softwares for performing various simulations and projections required to provide above services.

ENPRO Environmental Testing Laboratory



ENPRO has MoEF & CC recognized Environmental Testing Laboratory under EP Act – 1986 (valid upto 24/06/2027).

ENPRO Laboratory performs sampling, testing and reporting of various physical, chemical and biological parameters.

Laboratory consists of state-of-the-art instruments such as spectrophotometer, AAS, GC, TOC etc for performing analysis of samples.



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THANK YOU