

The background features a dark teal space-like environment with a glowing Earth in the center-left and several bright green leaves in the foreground. The word "Felix" is written in a large, white, sans-serif font with a registered trademark symbol (®) at the top right of the letter 'x'.

Felix[®]

Bringing the Change the world needs

Felix Industries Limited

Corporate Presentation
Feb 2025

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Company Overview



Established in 2010, a leader in environmental conservation, championing sustainable practices with innovative technologies and a commitment to Zero Waste Philosophy, delivering transformative environmental solutions.

High-performance Water Reclamation Enterprise

The company has established a strong foothold in Water & Wastewater Management and Solid Waste Management solutions with cutting-edge manufacturing facilities in India & Oman.

As a leading water reclamation business, it offers high-performance, end-to-end solutions in integrated water management.

Operating Models

- EPC
- DBO
- BOOT
- BOT
- O&M
- PPP projects
- Equipment supply & beyond.

100+

100+ Projects delivered and processed substantial amounts of waste and wastewater.

17 MLD

17MLD+ Installed Capacity – Restoration of Wastewater to fresh water

50 TPD

50 TPD Installed Capacity - Solid & Hazardous waste restoration

100 TPD

100 TPD Installed Capacity - Hydrocarbons restoration

175 Kw

175 Kilowatt of Waste to energy (Upcoming)

Our Mission for a Closed-Loop Ecosystem

Our Mission

We are committed to delivering high-quality environmental engineering services with a focus on safety, sustainability, & continuous improvement.

Zero waste philosophy

We follow Zero waste philosophy, making sure that no waste returns to nature after resource use.

Sustainable Circular Economy

Committed to sustainable circular economy, where resources are reused & recycled, creating a closed-loop system benefiting environment & community.



The Felix Approach



Recycling



Re-using (wastewater)



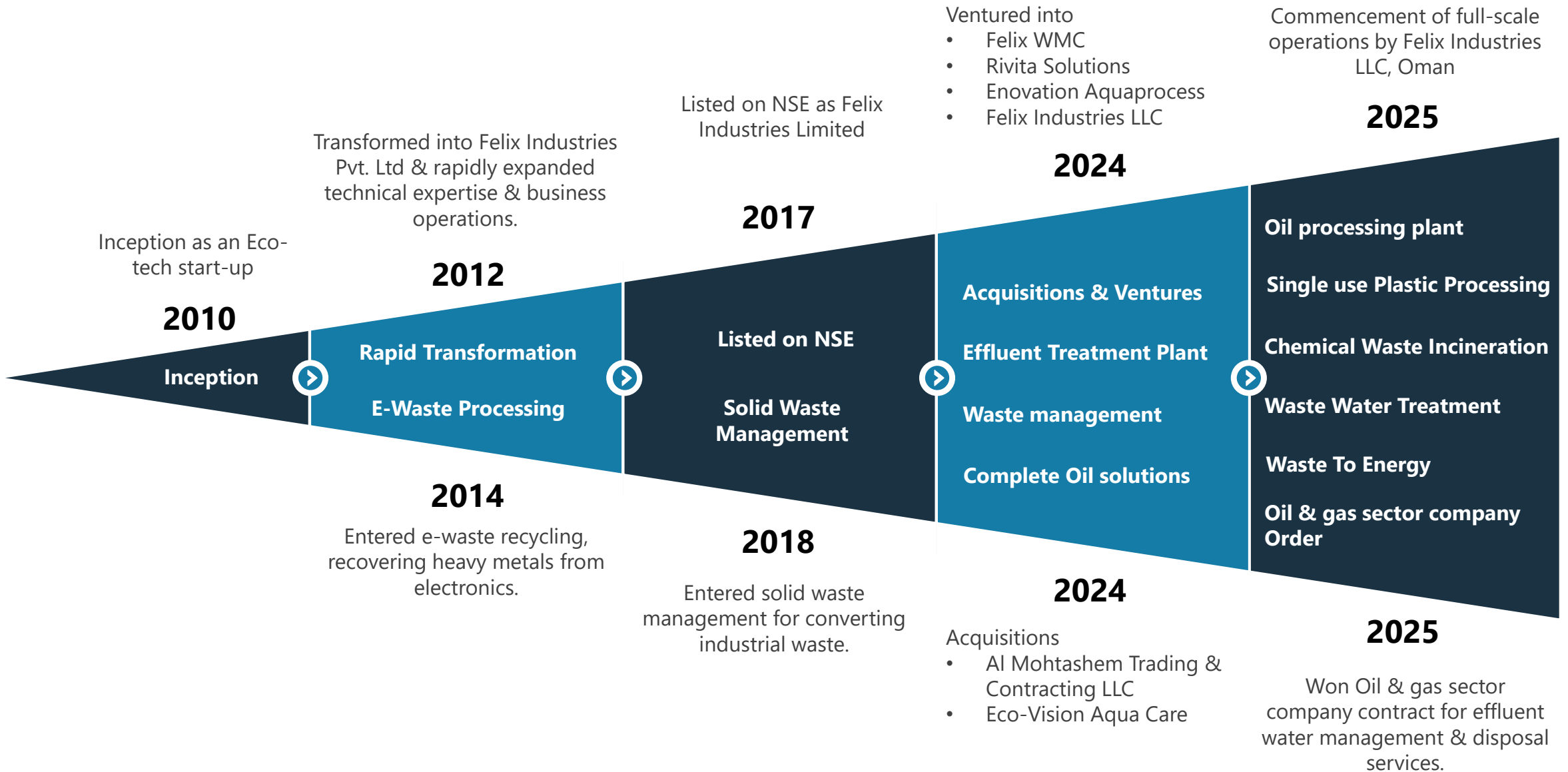
Recovering (products)



Reducing (effluents)



Journey of Growth & Capability Expansion



Spanning Continents, Bridging Industries

With a presence that spans across India and extends to international markets, the company caters to a variety of sectors, bolstering its dedication to sustainable practices in waste, wastewater, and solid waste management.

Manufacturing locations

Gujarat, India (~1,460 sq. mt.)

Sumair, Oman (~18,000 sq. mt.)

Company Headquarters

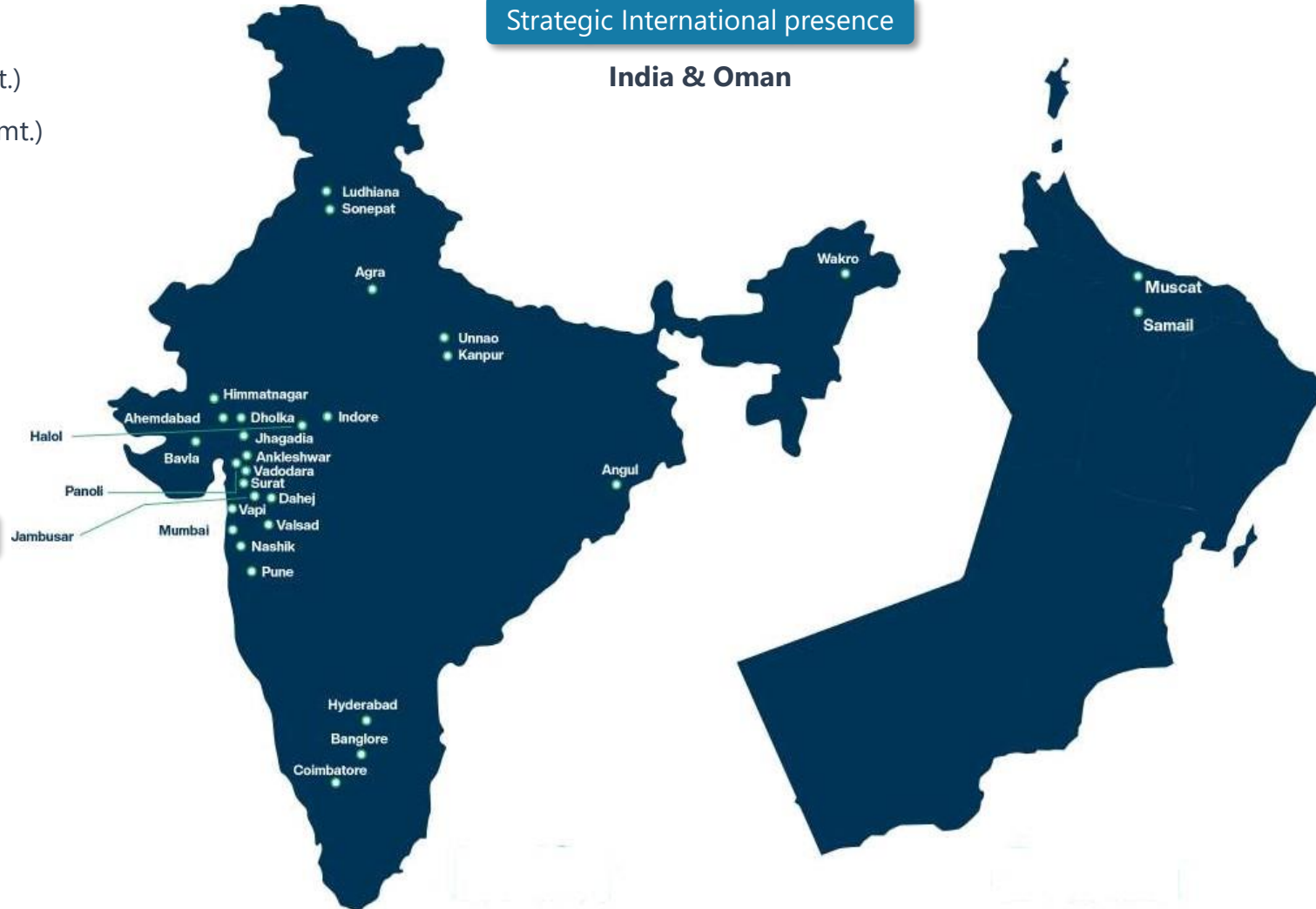
Ahmedabad, Gujarat, India

100+ Projects delivered

Delivered 100+ projects in various locations across India & the UAE.

Strategic International presence

India & Oman



Diverse Horizons: Serving Multiple Industries

- Textiles
- Pharmaceuticals
- Oil & Gas
- Dyes & Pigments
- Agro Intermediates
- FMCG
- Steel & Alloys
- Specialty Chemicals
- Plastic & Plastic Products
- Power Plants
- Food & Dairy
- Construction & Building
- IT Parks
- Tanneries
- Glass & Glass Products



Corporate Structure

Felix Industries Limited

Subsidiary

Felix WMC Pvt Ltd

Subsidiary

Enovation Aquaprocess Pvt Ltd

Subsidiary

Felix Industries LLC Oman

Subsidiary

Rivita Solutions Pvt Ltd

Associate Company

Eco Vision Aqua Care Pvt Ltd

Specializes in **water management for domestic markets**, catering to large buildings, luxury hotels, & hospitals through niche products such as RoSoft & Aiwasun.

- ❑ Water Processing
- ❑ Bore well & Surface
- ❑ Commercial Wastewater
- ❑ Residential Wastewater

Specializing in R&D, design, manufacturing, maintenance for **water treatment, environmental conservation.**

- ❑ Mixed Salt Separation Processing
- ❑ Proprietary process for Salt recovery

Fully licensed, **business ready & poised to take on larger contracts** under waste management, Oil management & hydrocarbon, covering

- ❑ Hazardous waste treatment & disposal
- ❑ Single use Plastic Processing
- ❑ Chemical Waste Incineration
- ❑ Waste To Energy
- ❑ Environmental Cleanup Services
- ❑ Waste scrap / recycling - Metal/non-metal
- ❑ Sewage treatment
- ❑ Oil processing, refining & recycling

Focused on engineering & tech solutions for **oil & gas sector**, including plant operations & water infrastructure development and upkeep.

- ❑ Registered vendor of Oil & gas sector company
- ❑ Operating oil & gas technologies and plants
- ❑ Comprehensive water-works services
- ❑ Construction & maintenance of water infrastructure

Establishing **environmental infrastructure** for waste management, including Common Effluent Treatment Plants and ZLD facilities.

- ❑ EPC, Operation & maintenance
- ❑ Infrastructures for Waste management
- ❑ Central Effluent Treatment Plant (CETP-ZLD)

Pioneering Leadership: The Driving Force



Mr. Vinay Patel



Mr. Ritesh Patel



Mr. Divyanshu Varma



Mr. Manish Pillai



Mr. Dhaval Thakore



Mr. Kunal Shah



Mr. Kalyan Patil



Mr. Dishant Bhanti



Suleyman Al Harthi



**Shaikh Said Ghanim
Mohammed**



Ahmed Al Mashani



Fouzan Mohtasham



**Hamdan Khamis Saeed
Binqeraimesh Alwheibi**



Mr. Taufik Ali Siddiqui



Mr. Rushi Jani

State-of-the-art manufacturing hubs in Gujarat (~1,460 sq. mt.) & Oman (~1,8,000 sq. mt.) are both technologically sophisticated and eco-friendly, with specialized engineering skills to adapt each technology to the precise needs of customers, reflecting its dedication to manufacturing excellence.

Engineering and Manufacturing Prowess at Felix

Wastewater Restoration

17 MLD

Restoration of Wastewater to fresh water

(Installed Capacity)

Innovative wastewater treatment to purify industrial water for reuse, reducing pollution & conserving water resources.

Oil processing plant

100

Tonnes Per Day

(Installed Capacity)

Recycles used oil into quality reusable high-quality oil, optimizing resources & reducing environmental impact.

Chemical Waste Incineration plant

100

Tonnes Per Day (Rotary Kiln)

(Installed Capacity)

Eco-friendly Solid Waste Disposal of chemical waste, complying with strict regulations.

Single use Plastic Processing plant

48

Tonnes Per Day (Pyrolysis)

(Installed Capacity)

Advanced recycling tech to turn plastic waste into reusable materials.

Waste To Energy plant

Under commissioning stage

(Upcoming Capacity)

The project is in commissioning phase, anticipated to be operational soon.

Effluent Treatment Plant
(ETP & CETPs)

Sewage Treatment & Recycling Plant

Brine Concentration & Recovery

Incineration

Pyrolysis

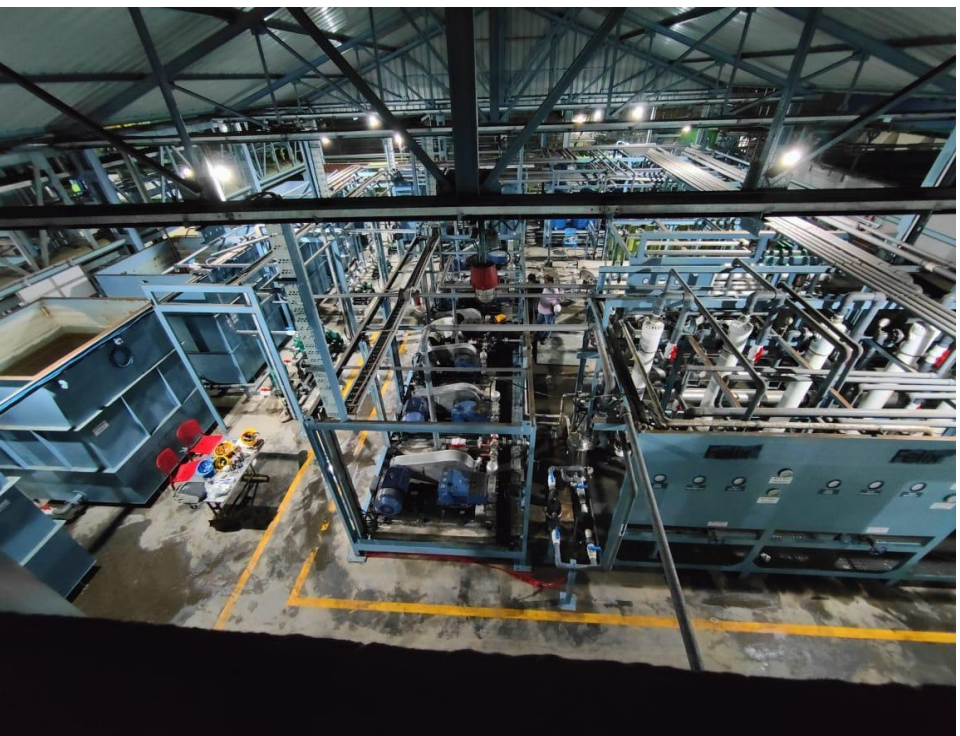
Torrefaction

Mixed salt separation system

Zero Liquid Discharge plant

Solvent Extraction process

Our State-of-the-art plants & projects



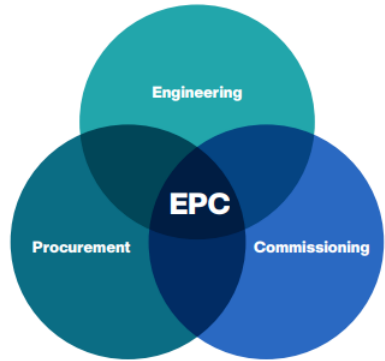
Operational Excellence: Diverse Contract Models



A variety of operating models, including EPC, BOOT, O&M, and PPP, to align with diverse client needs and project demands, ensuring tailored service delivery.

EPC

Sale (EPC) Engineering Procurement and Commissioning



BOOT

Build, Own, Operate, Transfer



O&M

Operation & Maintenance



BOO

Build, Own, Operate



PPP

Public-Private Partnership



Comprehensive Project Lifecycle Services

Consultancy & Planning

Expert planning & execution of projects with innovative, cost-effective environmental solutions.

Engineering & Design

Seasoned & emerging engineers to create cutting-edge, sustainable waste management designs.

Operation, Maintenance & Supply

Comprehensive O&M services, including troubleshooting by skilled engineers & supply of necessary spares.

Design & Build

Felix designs & engineers plants in-house, supported by a robust manufacturing team and facilities.

After Sales Service

Dedicated service team is always on standby to address any operational issues related to the plant.

Felix Industries: Key Competitive Edge



Rapid Scaleup Sets Stage for Exponential Growth

Since inception, rapidly scaled operations through strategic expansion & acquisitions with a strong foothold in environmental solutions.

Now securing significant contracts from prominent companies, positioning it for further exponential expansion.



A Legacy of High-Impact Environmental Solutions

Renowned for delivering high-performance, comprehensive solutions with proprietary processes.

Track record of 100+ successful projects showcases ability to recycle significant volumes of water, wastewater, and solid waste daily.



Operational Superiority & Manufacturing Excellence

Excels in operational excellence, with cutting-edge facilities focused on eco-friendly practices & technology solutions for water, wastewater, and solid waste.

Pioneering in specialized sectors like hydrocarbon recycling and green hydrogen, set to secure a commanding market presence.



Diversified Operations for Comprehensive Solutions

Operates under various models including EPC, DBO, BOOT, BOT, O&M, and PPP, as well as equipment supply.

Serves a wide range of industries, such as metro rail, food & beverage, pharmaceuticals, airlines, steel, oil refineries, and more, offering comprehensive project lifecycle services.



ESG-Driven Business Model

With ESG principles embedded in its business, Felix Industries is at the forefront of sustainability.

Committed to deliver top-tier environmental engineering services with focus on safety, and continuous improvement, while championing a Zero-waste philosophy to foster a sustainable circular economy.



Well positioned to capitalise on opportunities in Water & Waste Management

Well positioned to capitalize on current water scarcity issues and gap between water supply and demand.

With a growing waste generation problem and untreated waste issues, the company is set to benefit from water and wastewater treatment market's growth prospects.

Business Overview & Segments

An aerial, high-angle photograph of a large industrial facility, possibly a power plant or refinery. The structure is composed of a dense network of grey metal beams and pipes. The ground is light-colored and marked with several prominent yellow safety lines. In the lower-left quadrant, there is a small table with several red chairs and some equipment. The overall scene is dimly lit, with a dark, semi-transparent horizontal band across the top containing the title text.



Water & Wastewater Management

- 1. Industrial Wastewater**
 - Effluent treatment plants
 - Common Effluent treatment plants
 - Effluent recovery systems
 - Zero Liquid Discharge
- 2. Commercial & Domestic Wastewater**
 - Sewage treatment plant
 - Sewage recycling plant
- 3. Fresh Water**
- 4. Brine Concentration & Recovery**



Solid Waste Management

- 1. Hazardous Industrial Waste**
- 2. Municipal Solid Waste**
- 3. Plastic Waste**



Hydrocarbon Recycling

- 1. Hydrocarbon Treatment & Management**



Green Hydrogen

- 1. Hydrogen production using renewable energy, resulting in minimal carbon emissions.**

Water & Wastewater Management

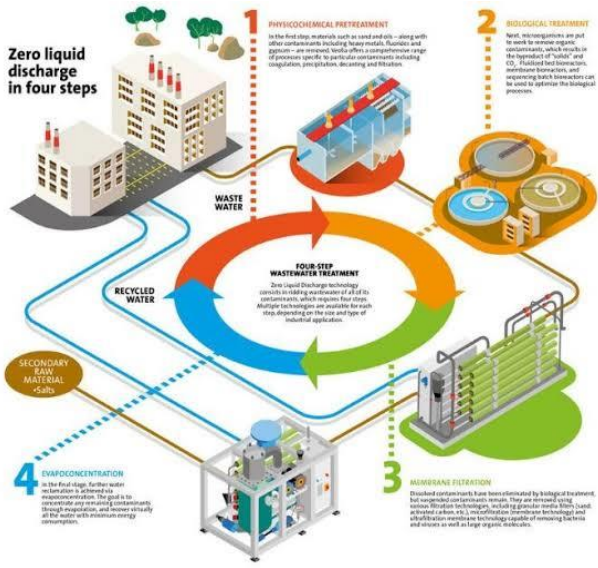
Wastewater treatment is the means by which water that has been used and/or contaminated by Industries, Humans or nature is restored to a desirable quality. Treatment may consist of chemical, biological, or physical processes or a combination thereof.

Felix Services & Capabilities

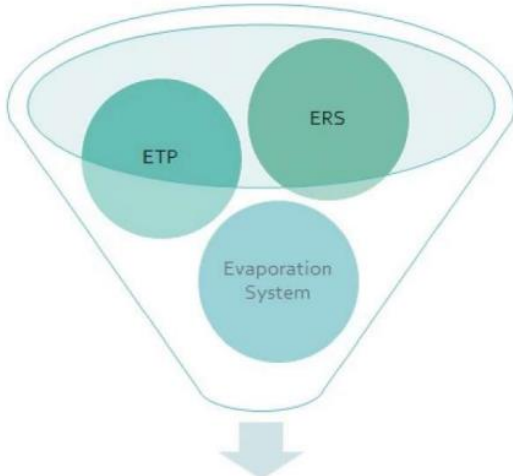




Industrial Wastewater Management



Zero Liquid Discharge



Zero Liquid Discharge

ETP

Effluent Treatment Plants (ETP)

Felix Industries specializes in ETPs, expertly treating wastewater from diverse sources to remove contaminants before safe discharge or reuse.

CETP

Common Effluent Treatment Plants (CETP)

CETP centralized facility is designed to treat wastewater from multiple industries, ensuring that the effluent meets environmental standards before being discharged.

ERS

Effluent Recycling Systems (ERS)

Felix Industries offers advanced ERS that extract heat from wastewater, yielding energy savings, operational efficiency, and environmental benefits.

ZLD

Zero Liquid Discharge (ZLD)

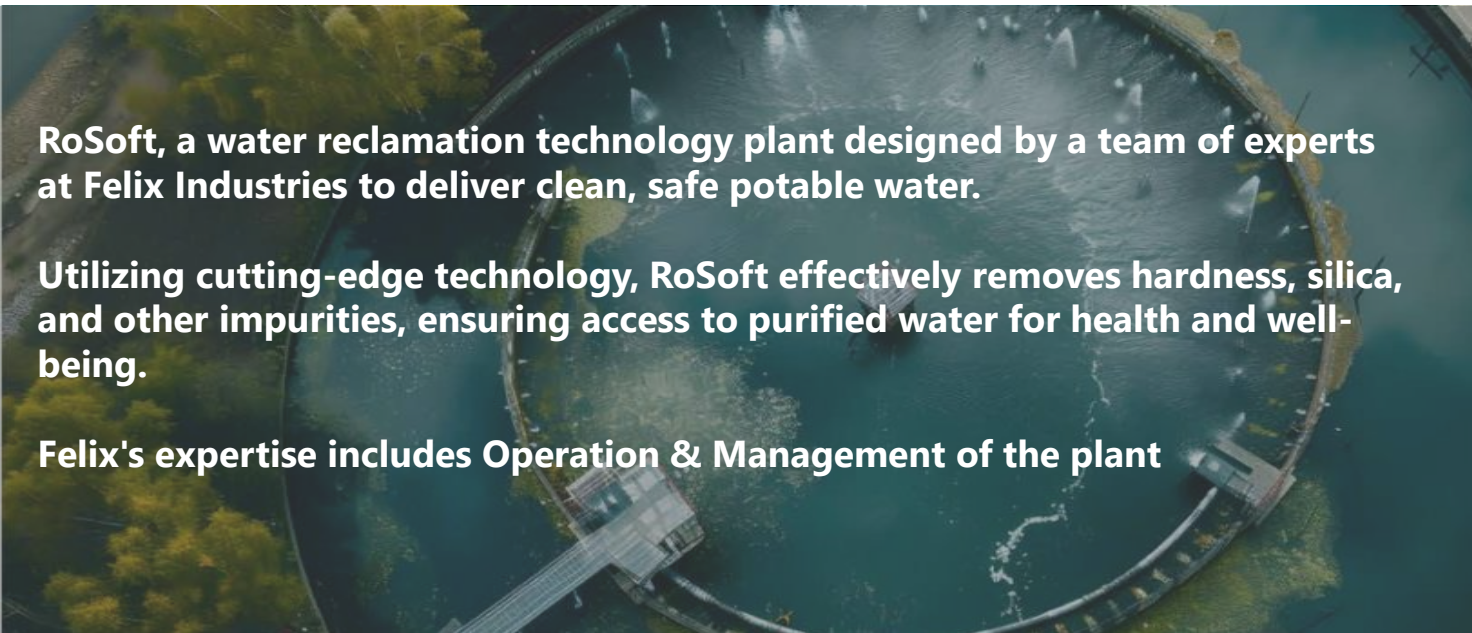
Felix Industries excels in ZLD technology, ensuring complete wastewater treatment and recycling, minimizing environmental impact, and maximizing water recovery.

STP

Sewage Treatment Plants (STP)

Felix Industries specializes in Sewage Treatment Plants (STP), effectively purifying wastewater through multi-stage processing to remove contaminants before environmental release.

Our Fresh Water Solutions - Rosoft



RoSoft, a water reclamation technology plant designed by a team of experts at Felix Industries to deliver clean, safe potable water.

Utilizing cutting-edge technology, RoSoft effectively removes hardness, silica, and other impurities, ensuring access to purified water for health and well-being.

Felix's expertise includes Operation & Management of the plant



RoSoft

The Felix Technique



Advanced water purification processes

Ensuring water safety and quality

Access to healthier water for daily use

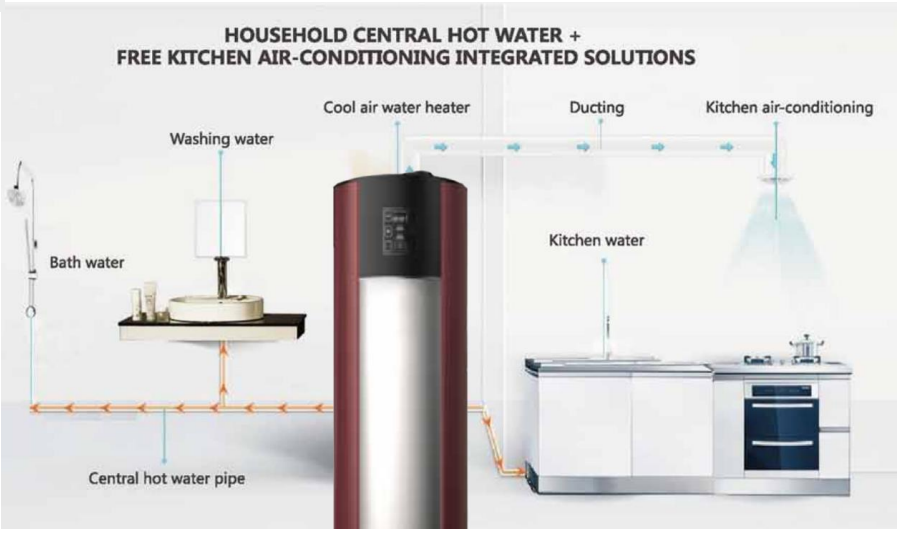
Supporting public health through water reclamation

Aiwasun: A green revolution in water Heating & cooling



Aiwasun Water Heating Solutions

Residential Commercial Swimming Pool



Aiwasun Air Source Heat Pump

Heat Pump refrigeration technology extracts heat from surrounding air & transfers it to the Water

70%

Electrical energy Savings



Aiwasun Cooling Water Solutions

~40% Electrical energy Savings

Eco-Friendly Innovative Technology

Harness atmospheric air to generate hot water, requiring minimal electricity for cooling.

Constant Supply

Provides a centralized water system that delivers cold water 24/7, even in summer.

Scientific Approach

Utilizes the principles of the Carnot cycle, similar to refrigerators and air conditioners, to produce cold water.

Heat Transfer Mechanism

CWS is a device that efficiently transfers heat, moving it from one place to another & from lower to higher temperatures, akin to a domestic refrigerator.



Residential



Commercial



Brine Concentration & Recovery

Felix Industries specializes in "Brine Concentration & Recovery," focusing on environmentally sustainable methods to concentrate and reclaim salts from high-salinity wastewater in sectors such as desalination and mining.



Our Capabilities

Concentration Methods

1. Evaporation
2. Membrane Filtration

Recovery Techniques

1. Crystallization
2. Electrodialysis

Zero Liquid Discharge (ZLD) Systems

1. Achieve near-total water recovery from brine with ZLD systems.
2. Lower waste and environmental footprint from brine disposal.
3. Promote resource recovery and sustainability.

Solid Waste Management

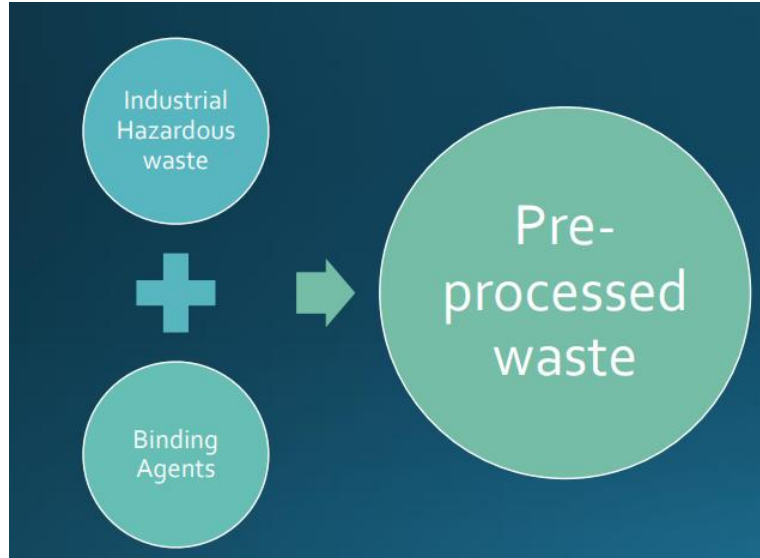
Solid waste treatment is the process of managing, treating, controlling and disposing of solid waste in a way that is safe and environmentally responsible. The solid waste may consist of Municipal Solid Waste, Industrial Solid Waste, Biomedical Waste, Household and other Waste.

Felix Services & Capabilities



Hazardous Industrial & Municipal Waste

Adept at converting hazardous industrial waste into safer pre-processed forms, utilizing techniques like stabilization, solidification, and neutralization to mitigate risks and prepare for disposal or further treatment.



Municipal Solid Waste

The company specializes in the torrefaction of MSW and biomass, creating valuable fuel materials, and in the high-temperature incineration of hazardous waste, effectively reducing toxicity and volume.



Torrefaction

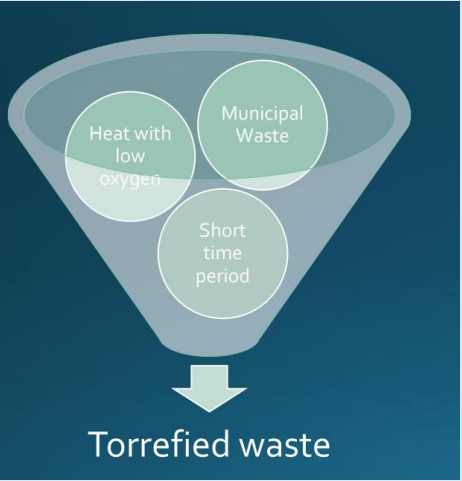


Incineration

Torrefaction & Incineration

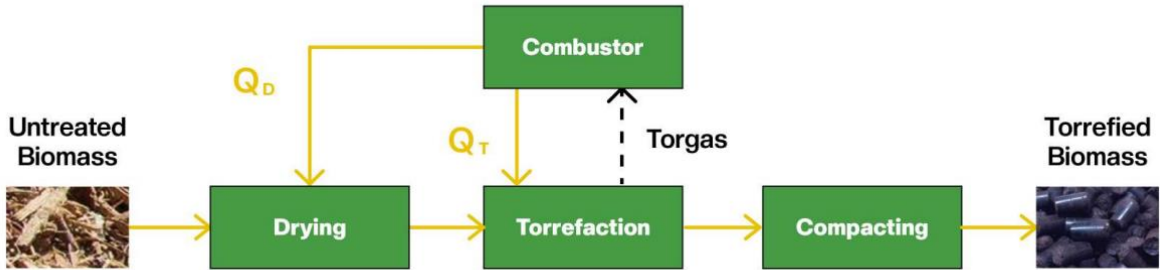
Hazardous Industrial & Municipal Waste processes

Torrefaction Process

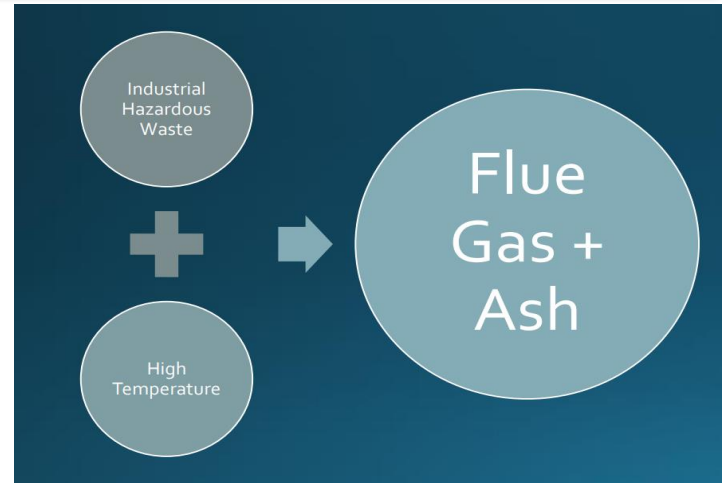


Torrefaction is a thermal pretreatment process where biomass or MSW is heated in a low-oxygen environment, producing a carbon-rich material for fuel or further refinement.

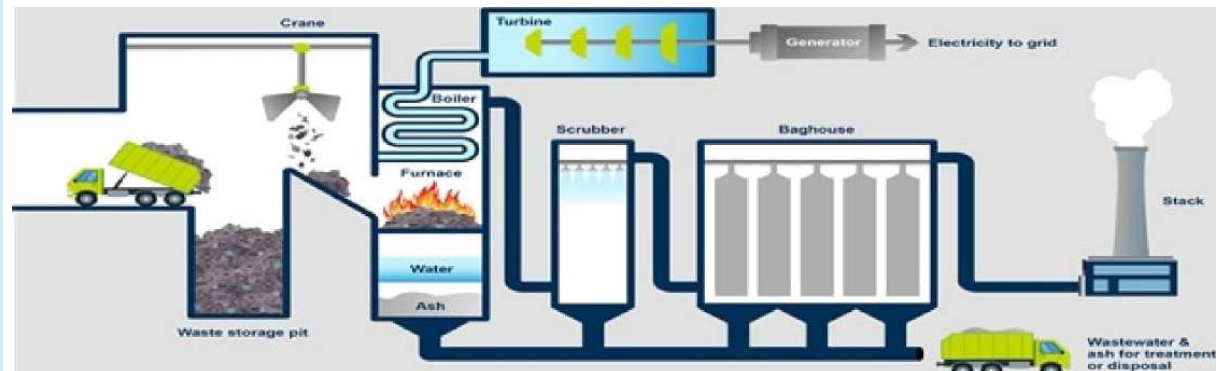
Torrefaction Process



Incineration System



Incineration is a thermal process that safely burns hazardous waste at high temperatures, neutralizing toxins and reducing waste to non-hazardous ash and gases.



Plastic Waste

At Felix, we understand plastic waste can cause environmental harm if not properly recycled or disposed off. Managing plastic waste which refers to discarded plastic articles is crucial for environmental protection and human health, as it lessens plastic pollution in landfills and water bodies, safeguarding wildlife and natural habitats.

Plastic Waste Management

Circular economy enhancement through material reuse

Material & resource recovery and conservation

Plastic waste environmental impact reduction

Health risk mitigation from hazardous substances

Renewable energy production

Waste minimization

Felix Industries is developing Environmental solutions to address the issue of discarded plastic items.

Pyrolysis Process

A Sustainable Solution for Plastic Waste Management

Converts difficult-to-recycle plastics into valuable fuels and chemicals.

A thermal decomposition process of organic materials composition process conducted in the absence of Oxygen at high temperatures (~300°C to 900°C)

Breaking down plastic polymers into oil, gas, and char without oxygen.



Biochar

Carbon-rich material for soil enhancement



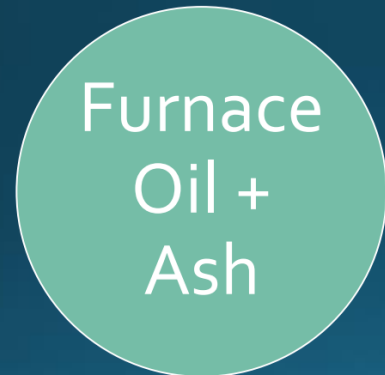
Bio-oil

Liquid convertible into renewable fuels



Syngas

Hydrogen & carbon monoxide blend for power production



Hydrocarbon Recycling

Sustainable hydrocarbon treatment, transforming waste into recycled carbon fuels and reducing non-renewable waste

Recovery and reprocessing of hydrocarbon-based materials, such as plastics and oils, to reduce waste and conserve resources.

Hydrocarbon Recycling & Management

Collection

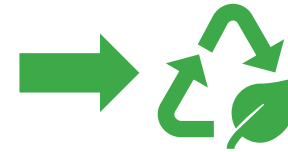
Collection of hydrocarbon waste from diverse sources.

Sorting

Sorting by type and contamination for efficient processing.

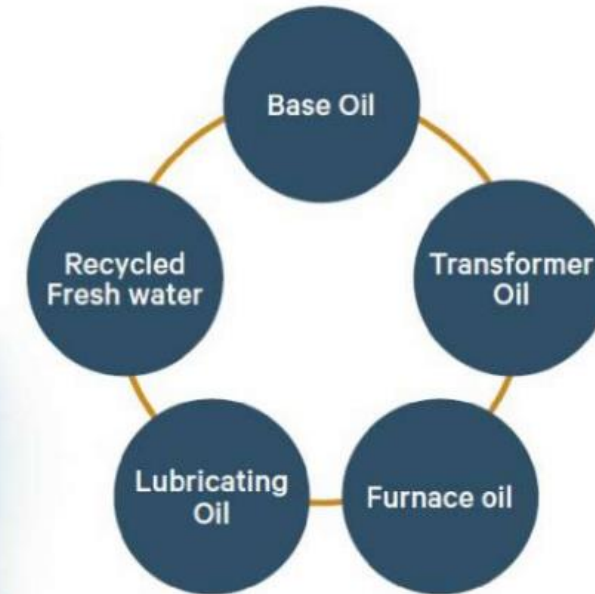
Processing

Converting waste into usable hydrocarbons via pyrolysis and chemical recycling.



Recycled hydrocarbons are repurposed into:

- ✓ New Oil products
- ✓ Fuels (e.g., diesel, gasoline)
- ✓ Feedstock for chemical manufacturing

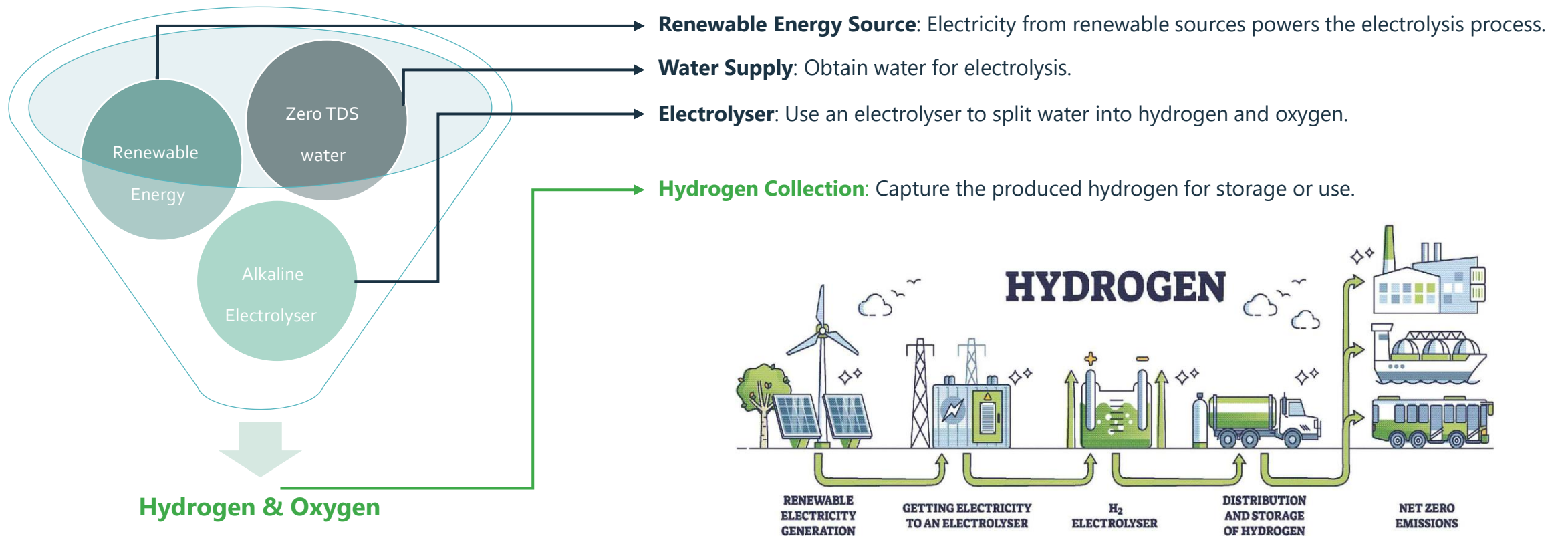


Green Hydrogen



Felix Industries is developing expertise in the production of green hydrogen, utilizing renewable energy sources for water electrolysis (to split water into hydrogen and oxygen) to deliver a sustainable and emission-free energy solution.

Green hydrogen Production



Industry Scenario & Market Opportunity





Current Scenario: Water & Wastewater Management



Global water scarcity

2.2 billion

people lack access to clean drinking water

4 billion

people experience severe water scarcity for at least one month each year

5 billion

People do not have safely managed sanitation services

1.6 billion

People may lack safely managed drinking water, ~40% shortfall in global water supply vs demand

600+ million

Indians face high to extreme water stress

40% wastage

Inefficient water use and leaks lead to 40% of water supply being wasted.



Felix philosophy of circular economy

Wastewater treatment at Felix involves purifying water that has been polluted by industrial activities, human use, or natural sources to an acceptable quality level. This restoration process may include a mix of chemical, biological, or physical methods.

Favorable Opportunities & Government Initiatives

CAGR of 6.2%

Growth rate of India water & wastewater treatment market and expected to reach **\$23.8 Bn.** in 2033 from \$13 Bn. in 2023

INR 67,000 Cr

FY25-26 Outlay for Jal Jeevan Mission

INR 2,99,000 Cr

FY25-26 Outlay for AMRUT 2.0



Current Scenario: Solid Waste Management

Waste generation in India

0.7 kg per person per day
in 2025
4-6 times more than in 1999

Total Waste generation - India

62 million tons
of waste
Only 43 MT collected, with
balance left untreated or in
landfills.

Municipal solid waste generation

3.8 billion tons
of waste generation globally
in 2050 vs 2.1 billion tonnes
in 2023

Cost of waste management

USD 640.3 billion
global direct cost of waste
management could reach
\$USD 640.3 bn in 2050

Principal waste materials

**Solid waste, Plastic waste
& E-waste**

Future Waste generation in India

165 MT
million tons of waste by 2030

2.7 billion

People globally do not have
their waste collected

540 million tons (MSW)

~27% of total global waste in
not being collected



Felix philosophy of circular economy

A circular economy could yield net savings in waste management costs, cut emissions, and lower water usage by separating waste production from economic growth through waste reduction, eco-friendly business methods, and comprehensive waste management.

Order Book & Financial Performance





Recent Triumphs: Current Orders

Oil & gas sector company

BOO

₹ ~2.20 crores

3 years Contract

- Contract Order from oil & gas explorer/producer - Hiring of Facilities for processing of effluent water for service water & surface water disposal
- Operations & Maintenance **Effluent Water Management** for service water & surface water disposal
- Location: **Gujarat**

F&B company

O&M

₹ ~63.64 crores

10 years Contract

- Completed** - Design, supply, installation, & commissioning of 500 KLD Zero Liquid Discharge (ZLD) System & 500 KLD Water Treatment Plant (WTP)
- Comprehensive O&M services for a tenure of 10 years.

F&B company

BOOT + O&M

₹ ~22 crores p.a.

5 years + Renewal Option

- Order to executed under BOOT** - 550 KLD Zero Liquid Discharge (ZLD) System & 440 KLD Water Treatment Plants (WTP) along with O&M.
- Investment by Felix Industries - ₹ ~15 crores for plant installation in ~ 1 year
- Duration: O&M to begin from FY 2026-27 for a period of 5 years (option to renew for 10 years)

Oil & Gas sector company

BOO

₹ ~1.87 crores

3 years Contract

- Contract Order from oil & gas explorer/producer** - Installation & O&M of Water Injection Facility
- Location: **Gujarat**

STEEL sector company

EPC + O&M

₹ ~1.43 crores

2 – 3 months contract

- Purchase order** of 75 KLD Zero Liquid Discharge (ZLD)
- Location: **Gujarat**

Robust Order Fulfilment: A Track Record of Success



Textile Dyeing & processing company

EPC

- Project : **400 KLD-125 KLD-ZLD**
- Type: **Wastewater** - High Strength

Metro Rail Ahmedabad company

EPC

- Awarded by Gannon & Dunkerly + PSP Developers - Metro Rail Wash Water
- Type: **Wastewater** - High Strength

F&B company

BOOT + O&M

- 500 TPD** - Waste Streams + Solid Waste Management to Zero Emission
- Type: **Waste Management** - High Strength

Dye & pigments company

EPC + O&M

- Wastewater Reclamation** 100 KLD Evaporation Volume Reduction to 25 KLD
- Type: High Strength

Pharmaceutical Cluster CETP

BOOT + O&M

- 3500 KLD** Zero Liquid Discharge
- Type: High Strength

Airline company

BOO

- Wastewater Reclamation
- Type: High Strength

Aluminium sector company

EPC

- Biological Waste to Incineration** Process
- Type: **Wastewater** - High Strength

Oily Sludge/Waste Oil company

BOO

- Oily Sludge/Waste Oil
- Type: **Hazardous Waste**

Dairy sector company

BOOT + O&M

- 1000 KLD** - Waste Water Recycled to Fresh Water
- Type: Medium Strength

Aromatic Speciality Chemicals company

BOOT + O&M

- 500 TPD** - Waste Streams to Zero Emission
- Type: High Strength

Steel company

EPC

- 250 KLD** Zero Liquid Discharge
- Type: **Wastewater** - High Strength

Petro-Chemical Refinery company

BOO

- Oily Sludge/Waste Oil
- Type: **Hazardous Waste**

Waste Management company

BOO

- Solid Waste management**
- Type: Biological Waste



Financial Performance Summary

Consolidated

Rs. In lakhs. (except EPS)

Particulars	Q3 FY25	9M FY25	FY24
Revenue from Operations	781.8	2,383.0	3,390.5
Other Income	214.8	358.7	188.2
Total Revenue (I)	996.6	2,741.7	3,578.7
Expenses			
Cost of Materials Consumed	-	-	-
Purchases of Stock-In-Trade	228.2	1,846.8	1,923.6
Changes in Inventories of Finished Goods, Stock-In-Trade and Work-In-Progress	53.5	-1,220.3	-672.4
Employee Benefits Expense	91.0	677.4	724.0
Other Expenses	54.3	617.9	851.5
Total Expenses (Excluding Finance costs & Depreciation) (II)	427.1	1,921.8	2,826.7
EBITDA (III = I - II)	569.5	820.0	752
Finance Costs (IV)	25.9	43.0	59.8
Depreciation and Amortization Expense (V)	30.9	65.1	35.5
Profit / (Loss) Before Share of Profit/(Loss) From Associates (VI = III - IV - V)	512.8	711.9	656.6
Share of Profit/(Loss) From Associates (VII)	-1.8	-1.8	-
Profit / (Loss) Before Tax (VIII = VI - VII)	511.0	710.2	656.6
Total Tax (Benefits) / Expense	-43.2	-179.8	-155.6
Net Profit / (Loss) for the year	467.9	530.4	501.0
EPS (In Rs.)	3.29	3.76	5.77

Felix[®]

Thank You

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