

(4) INDUSTRIAL PIPING DIVISION







CIN: L40103GJ2012PLC072005

June 10, 2025

To, The Manager, Listing Department National Stock Exchange (NSE), Exchange Plaza, Plot no. C/1, G Block, Bandra Kurla Complex Bandra (East), Mumbai - 400 051.

Sub.: Investor Presentation - Disclosure under Regulation 30 of Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015

Company Symbol: FELIX

Dear Sir/Madam,

Pursuant to Regulation 30 of SEBI(Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith the Investor Presentation for your records.

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Cell

The same is also being uploaded on the company's website.

You are requested to take the above information on your record.

Thanking you,

Yours faithfully,

FOR FELIX INDUSTRIES LIMITED

HENA HARSHAI SHAH

**Hena Harshal Shah Company Secretary and Compliance Officer** (F-12582)

**Bringing the Change the world needs** 

**Felix Industries Limited** 

Investor Presentation June 2025

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- 1 Company Overview
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# **Company Overview**

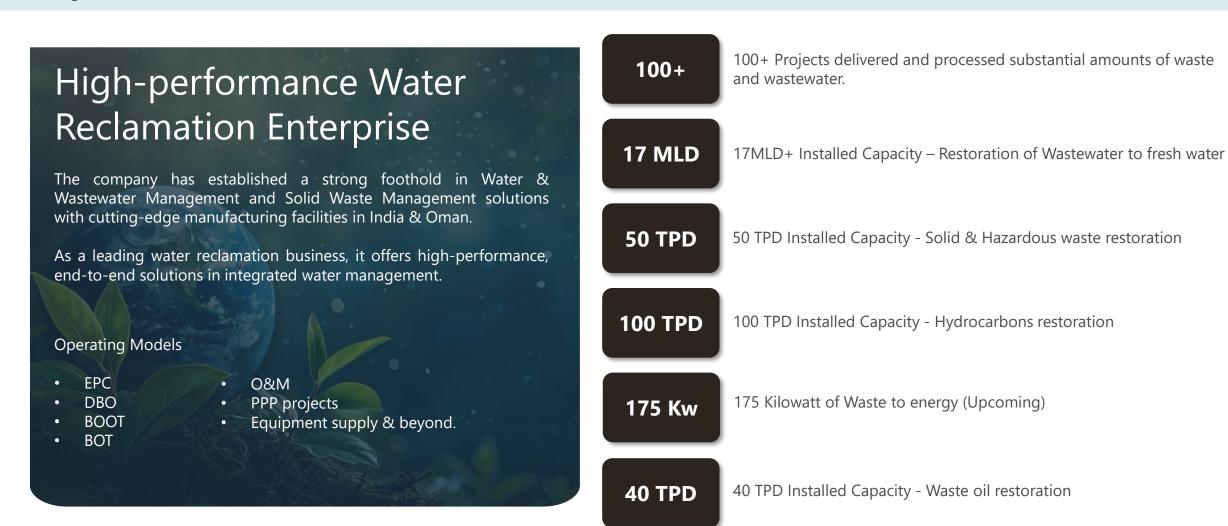




# Felix Industries – At a Glance



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.





# Pioneering Sustainability



### **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



Transformed into Felix Industries Pvt. Ltd & rapidly expanded technical expertise & business operations.

2012

2010

Inception as an Ecotech start-up

Inception

**Rapid Transformation** 

**E-Waste Processing** 

2014

Entered e-waste recycling, recovering heavy metals from electronics.

Listed on NSE as Felix Industries Limited

2017

**Listed on NSE** 

Solid Waste Management

2018

Entered solid waste management for converting industrial waste.

Ventured into

- Felix WMC
- Rivita Solutions
- Enovation Aquaprocess

Felix Industries LLC

2024

**Acquisitions & Ventures** 

**Effluent Treatment Plant** 

**Waste management** 

**Complete Oil solutions** 

2024

Acquisitions

- Al Mohtashem Trading & Contracting LLC
- Eco-Vision Aqua Care

Commencement of full-scale operations by Felix Industries LLC, Oman

2025

Oil processing plant

**Single use Plastic Processing** 

**Chemical Waste Incineration** 

**Waste Water Treatment** 

**Waste To Energy** 

Oil & gas sector company
Order

2025

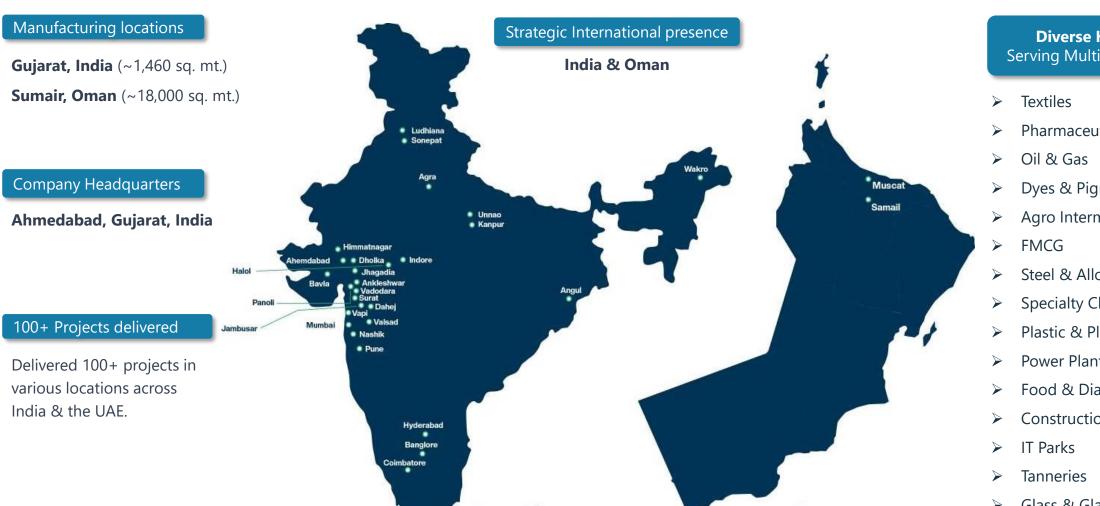
Won Oil & gas sector company contract for effluent water management & disposal services.



# 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.



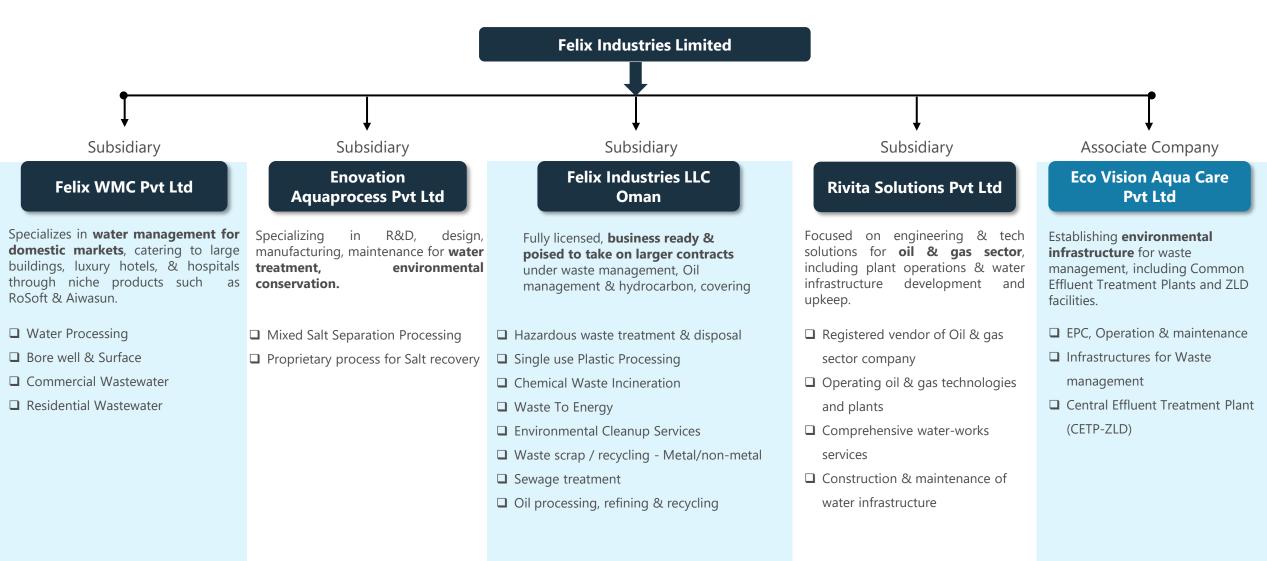
### **Diverse Horizons:** Serving Multiple Industries

- **Pharmaceuticals**
- **Dyes & Pigments**
- Agro Intermediates
- Steel & Alloys
- **Specialty Chemicals**
- Plastic & Plastic Products
- **Power Plants**
- Food & Diary
- Construction & Building
- Glass & Glass Products



# **Corporate Structure**







# **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 Bingeraimesh Alwheibi



Mr. Taufik Ali Siddiqui



Mr. Rushi Jani



# Manufacturing Excellence



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

















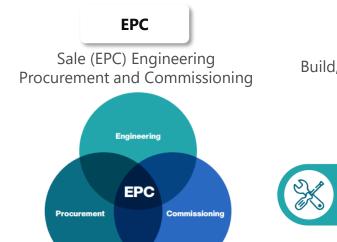




# **Operational Excellence: Diverse Contract Models**



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



# ВООТ

Build, Own, Operate, Transfer



**0&M** 

### 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 Segments**





# 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



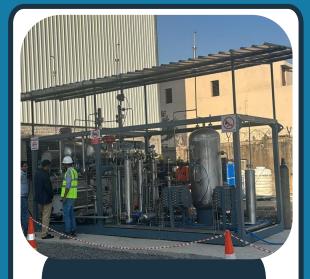
# Solid Waste Management

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



# Hydrocarbon Recycling

Hydrocarbon Treatment &
 Management



### **Green Hydrogen**

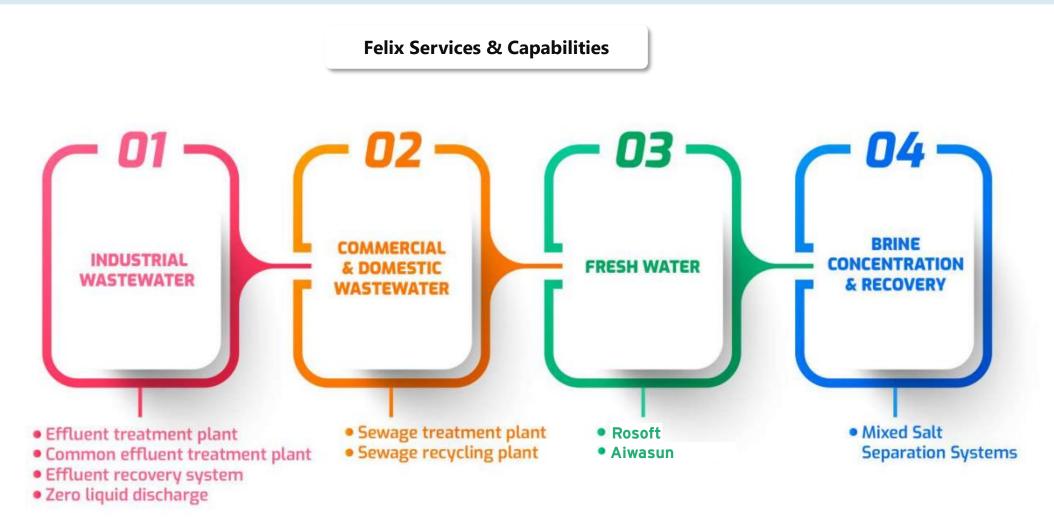
 Hydrogen production using renewable energy, resulting in minimal carbon emissions.



# Water & Wastewater Management



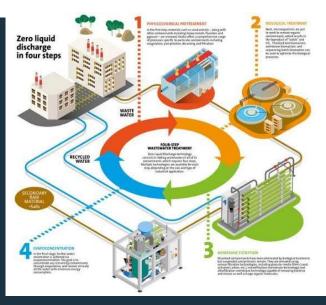
Wastewater treatment is the means by which water that has been used and/or contaminated by Industries, Humans or nature is restored to a desirable quality. Treatment may consist of chemical, biological, or physical processes or a combination thereof.



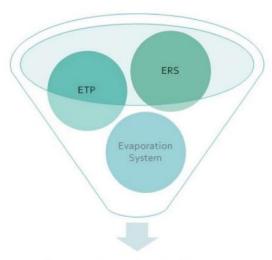


# Industrial Wastewater Management





### Zero Liquid Discharge



Zero Liquid Discharge



### **Effluent Treatment Plants (ETP)**

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



### **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.



### **Effluent Recycling Systems (ERS)**

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



### Zero Liquid Discharge (ZLD)

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



### **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 Green Technologies

### **Aiwasun Water Heating Solutions**

Residential

Commercial

Swimming Pool

**Cooling Water Solutions** 

aiwasun

**Aiwasun Cooling Water Solutions** 

~40% Electrical energy Savings

### Aiwasun Air Source Heat Pump

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

**70%** 

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**







### **Our Capabilities**

### **Concentration Methods**

- 1. Evaporation
- 2. Membrane Filtration

### **Recovery Techniques**

- 1. Crystallization
- 2. Electrodialysis

### Zero Liquid Discharge (ZLD) Systems

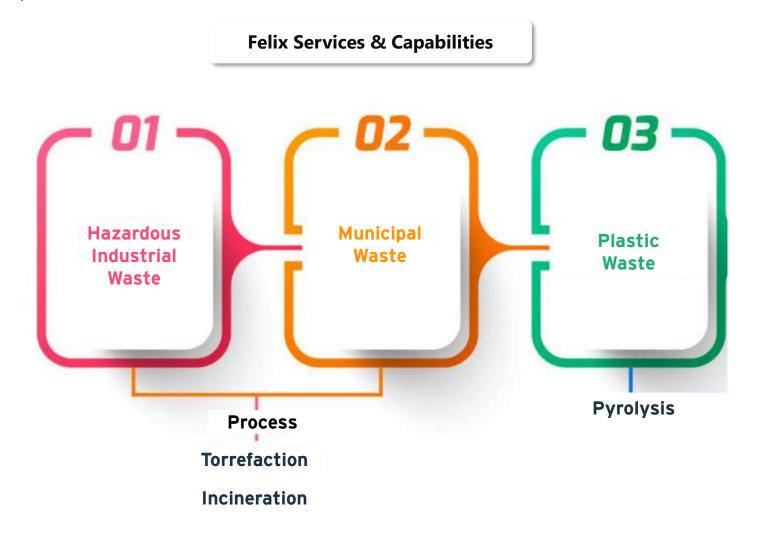
- 1. Achieve near-total water recovery from brine with ZLD systems.
- 2. Lower waste and environmental footprint from brine disposal.
- Promote resource recovery and sustainability.



# 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.



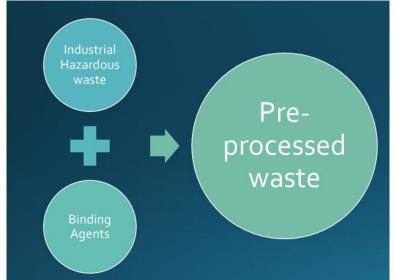


# Hazardous Industrial & Municipal Waste



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



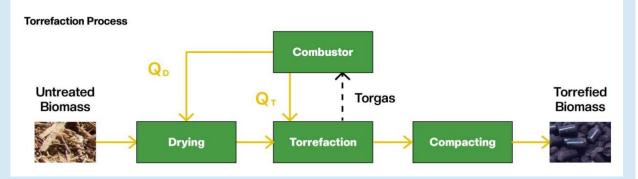
### **Hazardous Industrial & Municipal Waste processes**

### **Torrefaction Process**



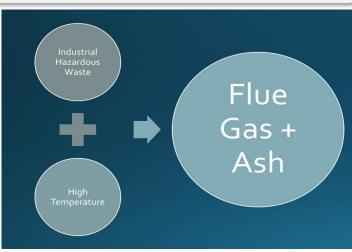


Torrefaction is a thermal pretreatment process where biomass or MSW is heated in a low-oxygen environment, producing a carbon-rich material for fuel or further refinement.

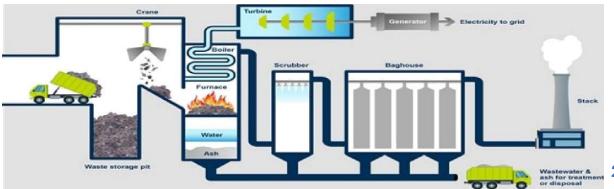


### **Incineration System**





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







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)



**Biochar** 

Carbon-rich material for soil enhancement



Bio-oil

Liquid convertible into renewable fuels



**Syngas** 

Hydrogen & carbon monoxide blend for power production

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



**Furnace** Ash

**Pyrolysis** 

**Plastic** 



# 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





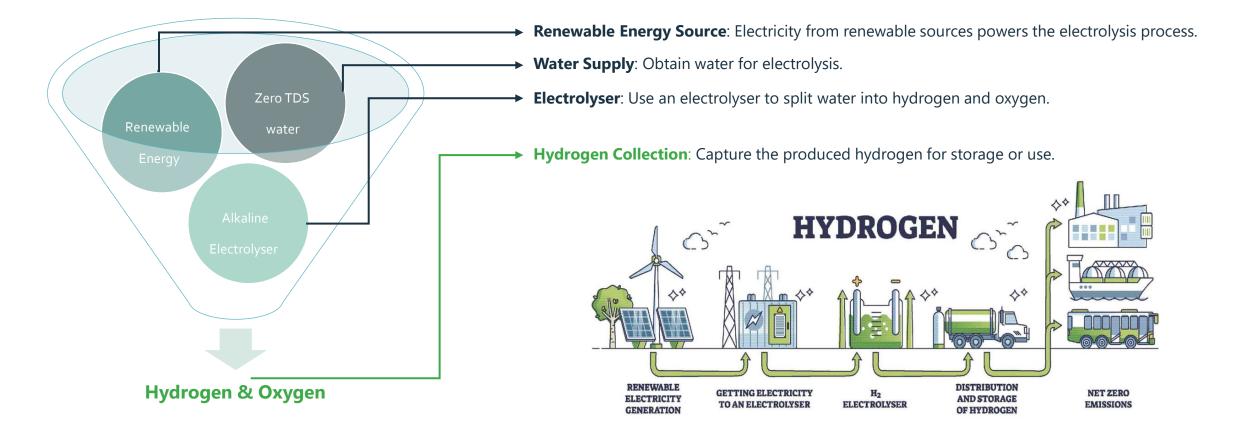
# **Green Hydrogen**





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**







# **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

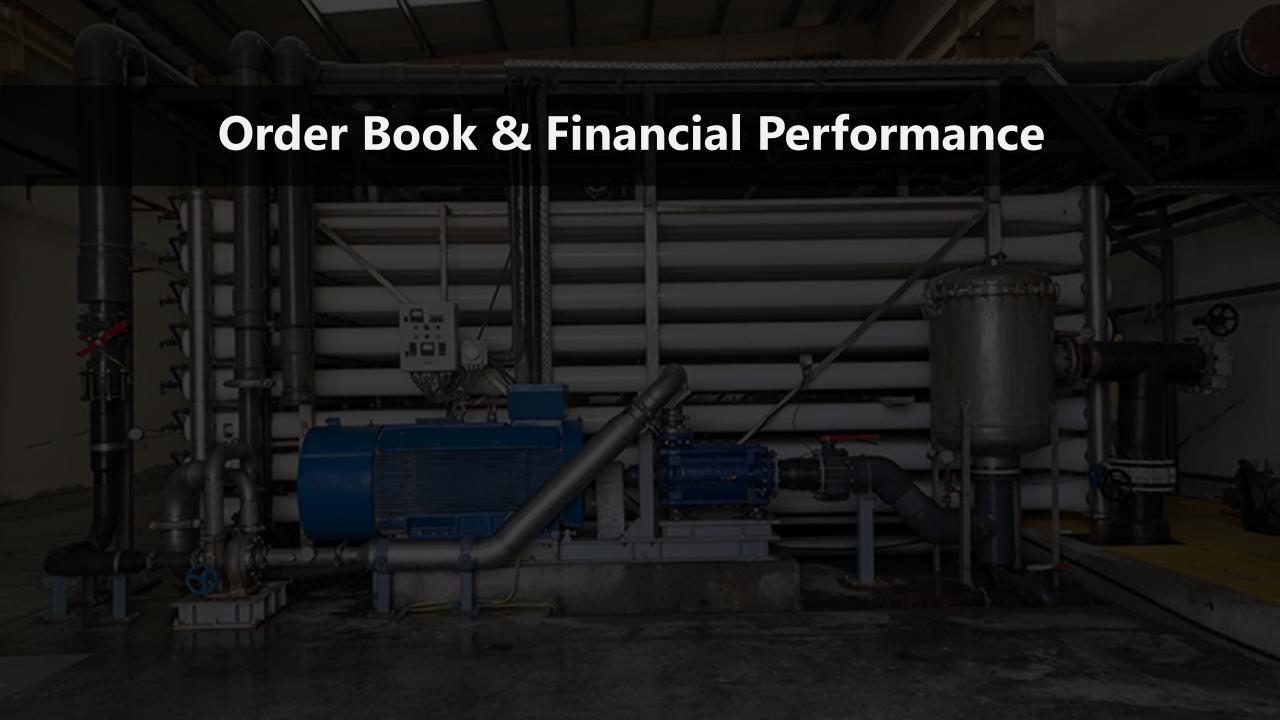
### 540 million tons (MSW)

~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.





# **Recent Triumphs**



# Oil & gas sector company BOO March 2025 ₹ ~1.90 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 processing of service water & surface water disposal
- □ Location: **Gujarat**

# Infrastructure & Construction company EPC April 2025 ₹ ~32.57 crores Execution Time - 9 Months

- □ Purchase Order 2 MLD Common Effluent Treatment Plant (CETP) Systems
- □ Supply, Installation, Testing, and Commissioning (SITC) of Mechanical Equipment.
- □ Location: **Gujarat**

# Pharmaceutical company EPC May 2025 ₹ 7.58 crores Execution Time - 3 Months Purchase Order - 1 MLD Water Treatment Plant (WTP) System Supply, Installation, Testing, and Commissioning (SITC) of Mechanical Equipment. Location: Gujarat





# **Recent Triumphs**



Oil & gas sector company

Boo

Record to the sector company

### 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

0&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.
- □ Location: **Gujarat**

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 + 0&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

### **Pharmaceutical Cluster CETP**

### BOOT + O&M

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

### **Dairy sector company**

### BOOT + O&M

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

### **Waste Management company**

### BOO

- ☐ Solid Waste management
- □ Type: Biological Waste

# Metro Rail Ahmedabad company

### **EPC**

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

### **Airline company**

### BOO

- Wastewater Reclamation
- □ Type: High Strength

# Aromatic Speciality Chemicals company

### **BOOT + 0&M**

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

### **F&B** company

### BOOT + O&M

- 500 TPD Waste Streams +SolidWaste Management to ZeroEmission
- Type: Waste Management High Strength

### **Aluminium sector company**

### **EPC**

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

### Oily Sludge/Waste Oil

Type: High Strength

**25 KLD** 

### company

Dye & pigments company

EPC + O&M

**Wastewater Reclamation 100 KLD** 

Evaporation Volume Reduction to

### **BOO**

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

### Steel company

### **EPC**

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

# Petro-Chemical Refinery company

### **BOO**

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



# Sinancial Performance Summary



Consolidated

Rs. In lakhs. (except EPS)

Consoliaatea				Rs. In lakns. (except EPS	
Particulars		Q4 FY25	Q3 FY25	FY25	FY24
Revenue from Operations		1,299.2	781.8	3,682.2	3,390.5
Other Income		193.6	214.8	552.3	188.2
Total Revenue	(1)	1,492.7	996.6	4,234.5	3,578.7
Expenses					
Cost of Materials Consumed		-	-	-	-
Purchases of Stock-In-Trade		-	228.2	1,297.9	1,923.6
Changes in Inventories of Finished Goods, Stock-In-Trade and Work-In-Progress		421.9	53.5	-249.6	-672.4
Employee Benefits Expense		267.3	91.0	944.7	724.0
Other Expenses		244.7	54.3	862.6	851.5
Total Expenses (Excluding Finance costs & Depreciation)	(II)	933.9	427.1	2,855.6	2,826.7
EBITDA	(III = I - II)	558.8	569.5	1,378.8	752.0
Finance Costs	(IV)	60.0	25.9	103.0	59.8
Depreciation and Amortization Expense	(V)	11.3	30.9	76.4	35.5
Profit / (Loss) Before Share of Profit/(Loss) From Associates (VI = III - IV - V)		487.6	512.8	1,199.5	656.6
Share of Profit/(Loss) From Associates	(VII)	-1.8	1.8	-	-
Profit / (Loss) Before Tax	(VIII = VI – VII)	489.3	511.0	1,199.5	656.6
Total Tax (Benefits) / Expense		-108.4	-43.2	-288.2	-155.6
Net Profit / (Loss) for the year		381.0	467.9	911.3	501.0
EPS (In Rs.)		3.10	3.29	6.87	5.77



# **Thank You**

### **Felix Industries Limited**

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**Ernst & Young LLP Investor Relation Advisory** 

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