

REGD.OFFICE : UL-25, Royal Complex, Bhutkhana Chowk, Dhebar Road, Rajkot-360 002 (Guj.) India. Tele : +91-9909035390, +91-9909035391

H.O. & WORKS : Survey No. 267, Plot No. 10A, 10B & 11, N.H. No. 27, SHAPAR (Veraval), Dist. Rajkot-360 024 (Gujarat) India. Telefax : +91-2827-253006, 252056 web : www.captainpolyplast.com | e-mail : info@captainpolyplast.com

CIN NO.: L25209GJ1997PLC031985

Date: 08/12/2023

To, **Department of Corporate Services BSE Limited,** Phiroze Jeejeebhoy Towers **Dalal Street** Mumbai-400 001

Reg: Captain Polyplast Limited (Scrip Code: 536974/Scrip ID: CPL)

Sub: INVESTOR PRESENTATION FOR H1-FY24.

Dear Sir/Madam,

Pursuant to regulation 30 of the Security and Exchange Board of India (LODR) Regulations 2015, attached herewith investor presentation for H1-FY24.

This is for your information and record.

FOR, CAPTAIN POLYPLAST LTD.

Khichadia Rameshbhai Devrajbhai

RAMESHBHAI D. KHICHADIA (MANAGING DIRECTOR) DIN: 00087859

CAPTAIN POLYPLAST LTD

Captain

IRRIGATION SYSTEM

LEADER IN MICRO IRRIGATION SOLUTION















INVESTOR PRESENTATION H1 FY24

Company Overview



About the Company

- Incorporated in 1997, Captain Polyplast Limited (CPL) has established itself as one of the leading brands in the micro irrigation industry with its excellent quality products and strong distribution network.
- CPL has a complete range of micro irrigation solutions with manufacturing facilities at Rajkot (Gujarat) and Kurnool (Andhra Pradesh).
- Company has diversified into fast growing solar EPC market and polymer marketing
- The company has marketing and distribution network across 16 states in India which cover ~90% of micro irrigation market in India. CPL exports its products to countries in Africa, Latin America and Middle East.

Business Segments



Drip Irrigation System



Sprinkler Irrigation System



Solar EPC services



Polymer marketing (IOCL)

H1FY24 Cons. Financial Performance

Operating Revenue

INR 1,429 Mn

YoY growth

87%

EBITDA

INR 143 Mn

YoY growth **310%**

PAT

INR 72 Mn

YoY jump 18X

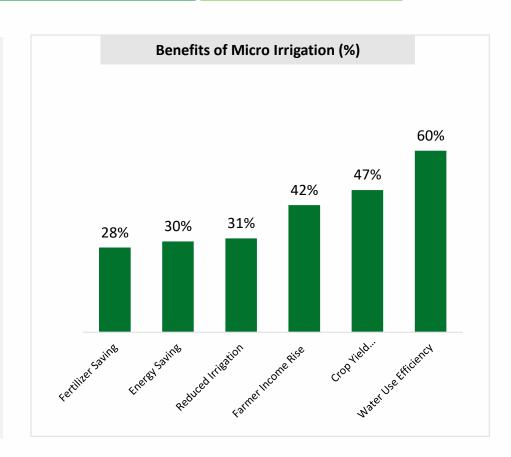
Investor Presentation 2



Micro Irrigation Benefits



- Significant saving of water due to direct application near root zone instead of complete flooding of field.
- Ability to control soil moisture level helps proper crop growth and improve yields.
- Electricity costs reduces due to lower requirement of water pumping.
- Cost of farming reduces as energy and labour requirement decreases.
- Usage of water soluble fertilizers decreases unnecessary wastage.
- More land can be irrigated from same amount of water available.
- Other benefits include early sowing/ fruiting, time saving, new crop production.



Source: NMMI survey of 6,000 famers across 13 states

Myths vs. Reality of Micro Irrigation



Myths		Rea	Reality			
0	Drip irrigation requires more water, which increases water utility bill.	0	Although it might seem to run longer than the traditional hose or sprinkler, drip has a slower rate of water release, and directly delivers water to the root system for better absorption.			
0	Since drip irrigation is underground, it is difficult to tell if its working or not.	0	Moisture level in the ground can be measured by adjusting the drip system accordingly if it's too wet or dry.			
0	Micro irrigation is considered to be expensive.	0	The net benefits or costs to the farmer for investing in a given irrigation system act as an investment by: 1) reducing consumptive use of water while maintaining or increasing agricultural output, 2) decreasing the sediments, salts and chemicals that can pollute downstream supplies and 3) reducing erosion helps protect the farms long term productivity as long as salts do not accumulate in the root zone.			
0	Micro irrigation is best suited for a niche segment.	0	Micro irrigation is also done for larger areas, such as farming, landscaping, greenhouses, and nurseries.			
0	Traditional irrigation is the only essential way of irrigation.	0	Micro irrigation reduces water consumption, is advanced, time-saving and an efficient means of irrigation compared to traditional irrigation.			
0	Drip Irrigation system can easily be ruined due to root intrusions.	0	New drip irrigation system is equipped with state of the art physical and chemical barriers to prevent root intrusion and protect the system from damage.			

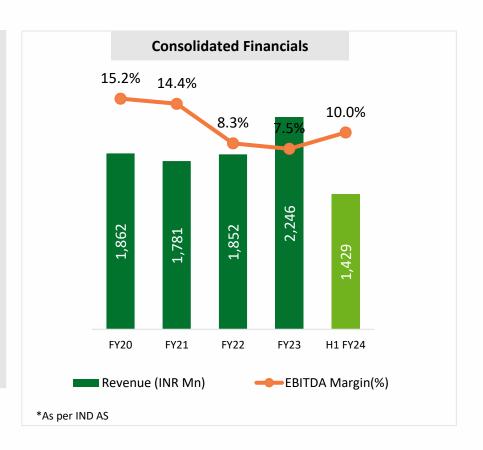
Investor Presentation 5



Company Overview



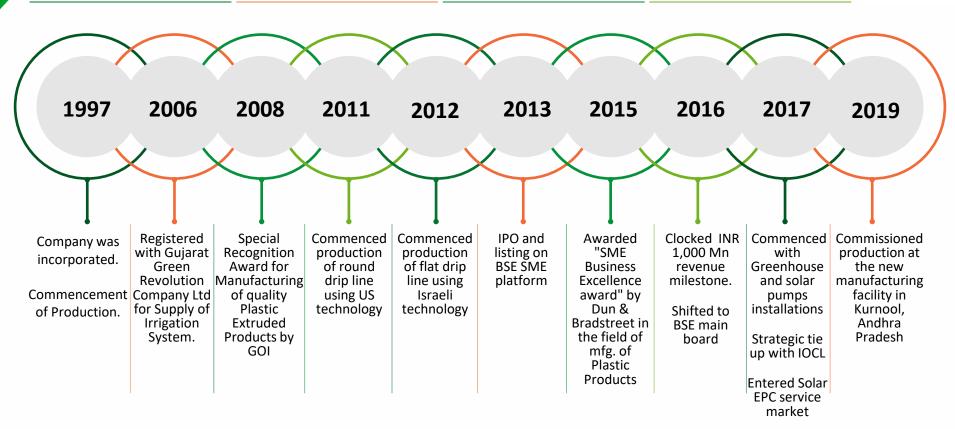
- Captain Polyplast Limited (CPL) is a micro irrigation system solutions provider founded by Mr. Ramesh Khichadia, Chairman and Managing Director, who is a B. Tech (Agriculture Engineering) from Gujarat Agriculture University and has more than 30 years of experience in the Irrigation business.
- The next generation of management includes Ritesh Khichadia. He holds a BTech from IIT Bombay and a PGDM from IIM Lucknow. He has joined the business after 2 years of experience as an investment banker and M&A consultant.
- The company manufacturers complete range of micro irrigation systems. They have recently entered into fast growing solar EPC market. CPL is a channel partner of IOCL for marketing of their polymer products in Gujarat.
- Its manufacturing units are located at Rajkot, Gujarat and Kurnool, Andhra Pradesh.



Investor Presentation (7)

Key Milestones

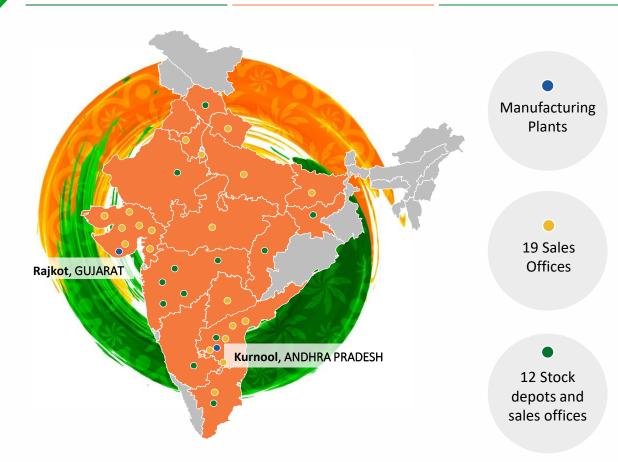




Investor Presentation (8)

Facilities and Distribution Network





- CPL has its
 manufacturing units
 located at Rajkot,
 Gujarat and Kurnool,
 Andhra Pradesh.
- O The company has 19
 Sales Offices typically
 concentrated in Western
 Southern & Northern
 parts of India.
- o 12 Stock depots catering to 750+ dealers.
- Company's products are exported to Gulf, African and Latin American countries.

Investor Presentation (9)

Manufacturing Facility







- CPL has set up their modern plant at National High-Way 27 at Shapar (Veraval) near Rajkot, Gujarat and Kurnool, Andhra Pradesh.
- Working along with the growing market demand, it is fully equipped with hi-tech machinery and tools, with Dripline machinery from Israel and USA, that are must for quality production.
- The company is a client centric organization and strives to meet the exact requirements of their clients. This is why, they also custom design their range as per the specifications of their clients.
- They have been able to garner a huge client base in the global market due to their quality range and their ability to provide bulk requirements for their valued clients.
- The company uses 1MW of captive wind turbine.

Drip line (Rajkot)	158.50 million meters / year
HDPE Pipes (Rajkot)	4,000 MT / year
Drip line, HDPE Pipes and PVC Pipes (Kurnool)	9,000 MT / year

Investor Presentation (10)

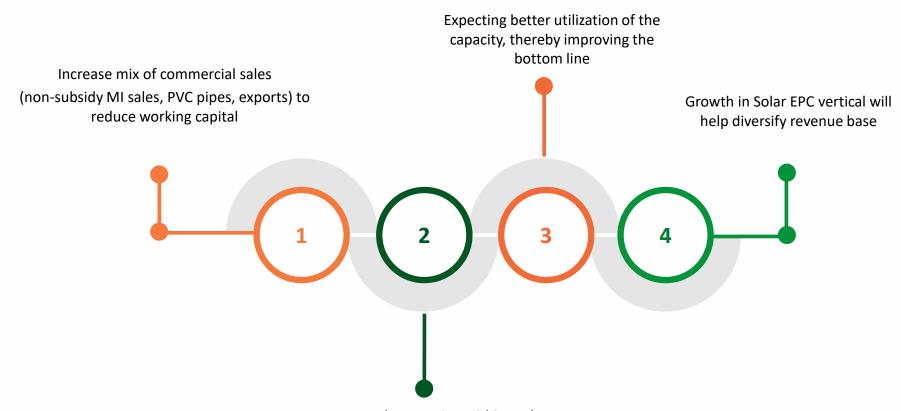




Investor Presentation (11)

Future Growth Strategy





Network expansion within and outside the country

Investor Presentation (12)



Business Segments



Drip Irrigation Systems

Emitting Pipe | Lateral Pipe | Emitters Header | Assembly

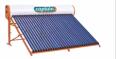


Solar EPC services

Solar Pumps | Solar Power Projects | Solar Water Heater







Sprinkler Systems

Brass Sprinklers | Mini Sprinkler | Sprinkler Pipe



Polymer Products

Polypropylene (PP Granules) | Polyethylene (PE Granules)

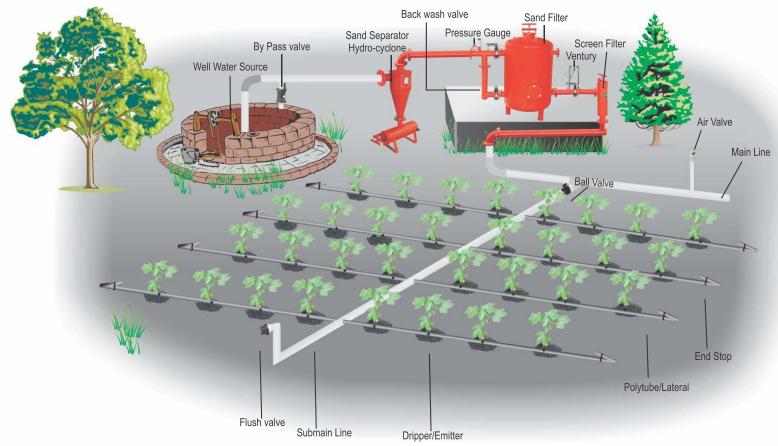




Investor Presentation (14)

Micro Irrigation System





Investor Presentation (15)

Micro Irrigation Subsidy Model



Farmer approaches micro irrigation company





Collection of application for subsidy













Release of work order by Government





Trial run and verification by Government appointed agencies



Disbursal of payment











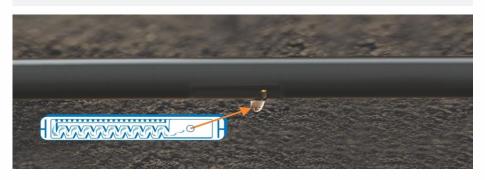


Investor Presentation (16)

Drip Irrigation System



- Drip irrigation is a form of micro irrigation that saves water and fertilizer by allowing water to trickle down drop by drop to the roots of the plants, either onto the soil surface or directly into the root zone.
- It is done in a regulated predetermined time according to the requirements of crops through a network of valves, pipes, tubing, and emitters.
- Therefore, it saves water and is suitable for horticulture, vegetables, oilseeds and ornamental plants.
- It is chosen instead of surface irrigation for various reasons, often including concern about minimizing evaporation.



Product		Application				
Emitting Pipes		For Drip Irrigation Systems for close spacing crops.				
Lateral Pipes		For Drip and Mini Sprinkler System.				
Emitters	1 M	For Online Drip Irrigation System in Horticulture crops.				
Header Assembly	II	To assemble the filtration unit for drip and mini sprinkler irrigation system.				

Advantages of Drip Irrigation:

- Moisture within the root zone can be maintained at field capacity.
- Minimized soil erosion.
- Highly uniform distribution of water i.e. controlled by output at each nozzle.
- Lower labour cost since the process is automated.
- Fertigation can easily be included with minimal waste of fertilizers.
- Usually operated at lower pressure than other types of pressurized irrigation, reducing energy costs.

Investor Presentation (17)

Sprinkler Pipes & Mini Sprinklers



- CPL offers superior sprinkler irrigation system that is designed considering the crops grown, availability of water and its composition, type of soil, elevation, temperature, humidity and wind velocity in order to get the best possible results.
- Mini sprinklers earned a reputation as the most reliable and durable sprinklers available with their outstanding distribution uniformity and large water passages.
- Mini sprinklers simplicity and modular design allows for easy accessory options making them adaptable to almost any application and crop.

Advantages of Sprinkler Pipes & Mini Sprinklers:

- Sprinkler irrigation does not require surface shaping or levelling.
- Low pumping costs, operating at the same pressure as drip irrigation.
- Larger wetted zone thus plants are less likely to suffer from water stress if there would be any delay in irrigation.

Product		Application
Metal Sprinkler Nozzle		Sprinkler Irrigation System.
Plastic Sprinkler Nozzle		Sprinkler Irrigation System.
Sprinkler Pipes	Fig. 12	Sprinkler and Drip Irrigation System for main and sub main line.





Investor Presentation (18)

Solar Power Plants

captain

- Solar power plants are very efficient for providing electricity as they make use of the energy of the sun. As solar energy is used in abundance for various purposes, constant efforts are being made to improvise the efficiency of solar panels, solar power plants and other systems.
- For measuring the efficiency of a solar power plant you first need to measure the density. Also a solar power plant should be efficient enough to supply power when there is no electricity.
- ▶ Solar power pants supply or generate more amount of electricity when earth receives maximum density of sunlight.
- ► The power plants however also make use of fossil fuels the conventional power plants burn the fossil fuels for the production of steam, which then drives the turbines for generating electricity. As solar power plant's main aim is to supply good amount of power when a person needs it the most.
- Also solar power plants are installed as back up of electricity. In spite of certain drawbacks, the solar power plants make the right use of the sun's energy and have till date been successful in supplying electricity all over the world.

Benefits

- Reliable source of electricity
- Way to store energy and use it in future
- ▶ Low maintenance with longer life
- Cheaper source of energy
- ► Keeps the environment pollution free

The company offers Photovoltaic solar energy plants, Thermal solar energy plants and concentrating solar power plant.







Solar Water Pumping Systems

captain

- Designed by CPL, Solar water pumps are considered simple and clean alternative to fuel burning engines as well as generators of domestic water, irrigation and livestock requirements.
- The company offers best solar pumps in three variants that primarily include Captain AC Solar Surface pump, Solar Submersible and Submersible Solar Water Pumps without battery.
- Solar Pumping systems generates electricity from sunlight by directly utilizing the current from the array efficiently.
- The flow rate of the solar photovoltaic (SPV) water pumping systems is determined by the intensity of sun as photovoltaic panels power them.
- These equipment's require low maintenance and works without any demand for fuel.
- Captain Solar Pumping systems are easy to install and can function effectively even in places with no or limited grid power.
- The company is well placed to cross-sell these equipment's and provide these services to the farmers they have built relationship with.
- Available in 'On Grid' and 'Off Grid'.

Advantages:

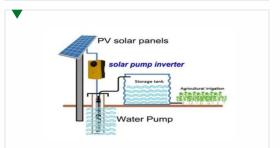
- No Conventional grid electricity required
- · Long operating life
- Highly reliable
- · Eco-friendly
- No Fuel cost-uses abundantly available solar energy
- Easy to operate and maintain

Application:

- Agriculture Irrigation & Sprinklers
- Livestock watering
- Canal water supply to farm
- Household and municipal application
- Fountains, ponds and gardens
- Salt production and fish production







Investor Presentation (21)

Strategic Tie Up with Indian Oil Corporation Ltd (IOCL)



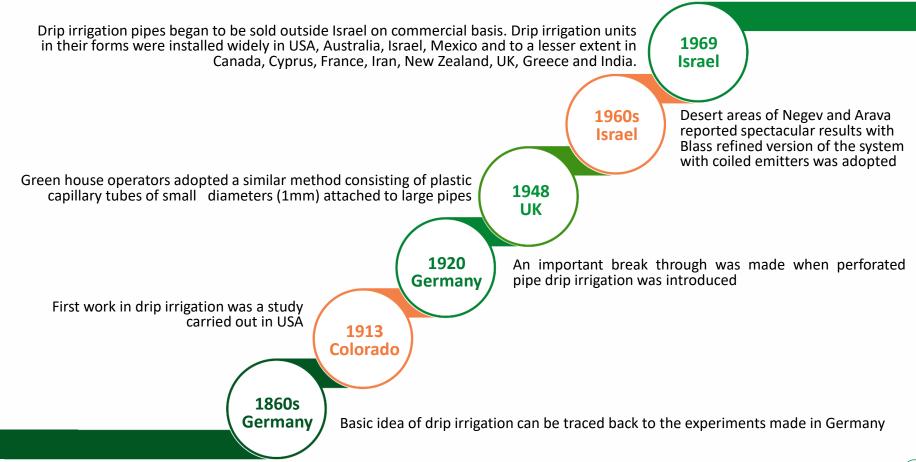
- CPL was appointed as Del Credere Associate (DCA) and Consignment Stockiest (CS) of Indian Oil Corporation Ltd (IOCL) on February, 2017.
- The agreement entitles CPL to market the entire portfolio of IOCL's polymer products (raw material for plastic processors) in Gujarat.
- One of the main raw materials for CPL is polyethylene, and this strategic tie up with IOCL would marginally reduce the cost of raw materials and improve the EBITDA margins for the company.
- CPL would also receive commission income on the product sales facilitated through them to other polymer customers.
- The DCA business has done tremendously well in the first year itself. We have been awarded "Star Performer Award" from Indian Oil Corporation Ltd. for achieving highest sales of Polymer during the FY18 among newly appointed DCAs. Going forward, we expect polymer sales to show healthy growth as plastic manufacturing grows to cater to the demand of plastic goods.
- This business is projected to grow rapidly as India's per capita plastic consumption is expected to continue to grow in the coming years and more plastic industries are getting set up in Gujarat.

Investor Presentation 22



History of Drip Irrigation





Investor Presentation (24)

Global Potential for Micro Irrigation Industry



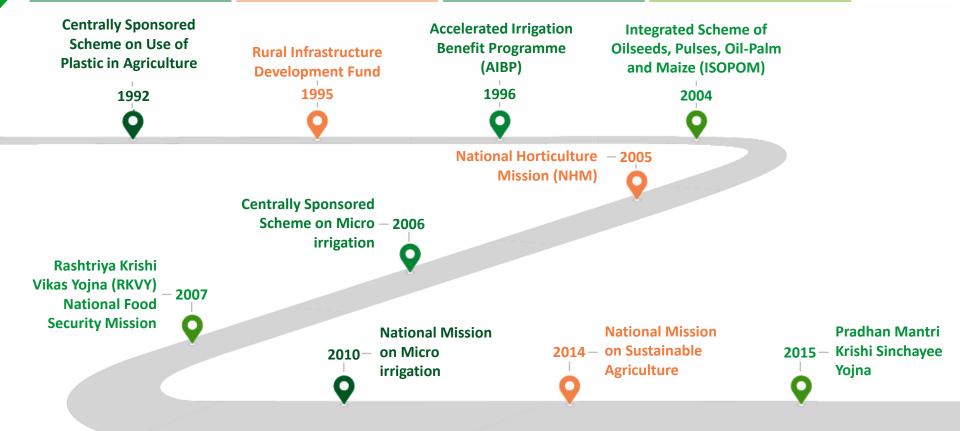
- According to a report by Transparency Market Research (TMR), the global opportunity in micro irrigation systems, which stood at USD
 3.1 Bn in 2017.
- The growth in the global market looks undying in the near future with opportunity rising at a CAGR of 15.10% between 2015 to 2023 and attaining a value of USD 9.1 Bn by the end of 2023.
- The increasing need to maintain turf grass, fields, sports grounds, and stadiums is likely to boost the **demand for sprinklers** in the near future. As a result, this segment is expected to retain its lead, reporting **a CAGR of 14.50%** between 2015 and 2023. Traditional sprinklers, lateral move sprinklers, and centre pivot sprinklers are some of the most-applied sprinklers across the world.
- Asia Pacific, however, is likely to emerge as the new market leader on account of various government initiatives, promoting rapid adoption of micro irrigation systems among farmers and agriculturists. Additionally, **South Korea, Japan, India, China, and Australia are likely to report significant contributions in the increasing demand** for these irrigation systems over the next few years in this region.
- The micro sprinkler segment is the fastest growing type of micro irrigation system due to their increasing protected farming practices. With the development of micro sprinklers, irrigation on low value field crops has increased. Therefore, in agrarian economies such as India and China, there is a growing market for micro sprinklers.

Source: Grant Thornton – Micro Irrigation Report (2016), Report by Transparency Market Research (2017)

Investor Presentation (25)

Micro Irrigation – Journey so far in India





State wise Micro Irrigation Industry



- Progressive States:- Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Tamil Nadu, Telangana.
- States with fast MIS growth:- Uttar Pradesh, Jharkhand, Bihar, Haryana and Chhattisgarh
- States with future growth potential:- West Bengal, Orissa, Arunachal Pradesh, Manipur, Meghalaya and Nagaland.

Key measures to promote Micro Irrigation

- Promoting better process management Having a dedicated team whose priority would be promoting micro irrigation at the state level.
- Ensuring smoother and long term guidelines Guidelines that remain in place to ensure steady implementation of the schemes.
- Moderating subsidy levels in state Where penetration of micro irrigation is already above the national average and re-routing that subsidy to states with very low penetration, where the technology still needs to be promoted.
- Financial inclusion Providing priority sector lending status to the industry.
- Providing crop focus solutions Making use of micro-irrigation mandatory for water consuming crops.
- Providing infrastructure status to the micro irrigation industry To reduce some of the operating costs for manufacturers.

Investor Presentation (27)

Development of Micro Irrigation in India



- In India Drip Irrigation was **introduced in the early seventies** at the agricultural universities and other research institutes.
- Significant development took place only in the eighties and further gained momentum in the early nineties.
- India's population stands at 1.27 Bn and is estimated to rise at a steady pace to reach 1.6 Bn by the year 2050 (According to the World Bank estimates). Water scarcity, with the need to increase food grain production in order to meet the growing demand, central and state governments have realized the need for a prudent and efficient use of land and water resources through smart irrigation methods.

Source: Grant Thornton – Micro Irrigation Report (2016)

Cropped Area, Intensity of Cropping and Irrigated Area:

Year	Net Area Sown Mha	Intensity of Cropping %	Gross Area Sown Mha	Gross Irrigated Area Mha	% of Gross Irrigated to Gross Sown Area
1970	140.4	118	165.1	38.5	23.0
1989	141.7	127	180.1	59.3	32.9
2000	150.0	133	200.0	84.0	42.0
2025	155.0	136	210.0	110.0	52.0

Source: Report of National Commission on Agriculture (1976), Agricultural Statics at a Glance by Ministry of Agriculture (1992)

Investor Presentation (28)

Growth Drivers for Micro Irrigation Industry



<u> </u>	
Domestic Market	Export Market
PM Krushi Sinchay Yojna has proposed an investment of INR 50,000 crores for the next 5 years integrating micro irrigation in the flagship scheme as an integral component	South America and Africa have not yet explored MI, hence there is huge potential for export market
India has 140 Mha, out of this 70 Mha has availability of water for irrigation, only 15-20% of this area is still covered under micro irrigation systems	Most African countries (especially Kenya, Zambia, Zimbabwe & South Africa) have potential for thin wall drip line due to Governments' impetus for agriculture growth
Extensive awareness campaigns and subsidy provided by Government through Special Purpose Vehicles like GGRC, Andhra Pradesh Micro Irrigation Project (APMIP)	Sales for export is coordinated through local channel partners in respective countries that has extensive dealer networks under them
Increased fund allocation towards micro irrigation in states like Gujarat, Andhra Pradesh, Uttar Pradesh, Tamil Nadu, Karnataka, Maharashtra, Rajasthan and Haryana.	USA has 55% penetration of their total available area for Micro Irrigation, due to less labour required and high crop yield improvement

Investor Presentation (29)



Standalone Financial Highlights (IND-AS)



Income Statement (INR Mn)	H1 FY24	H1 FY23	YoY change
Operational Income	14,296.3	7,625.3	87%
Total Expenses	12,863.7	7,276.2	77%
EBITDA	1,432.6	349.1	310%
EBITDA Margins (%)	10.02%	4.58%	544 bps
Depreciation	117.5	112.9	
Interest	517.7	431.9	
Other Income	149.6	272.1	
PBT	947.0	76.4	1140%
Tax	224.5	37.9	
Profit After Tax	722.4	38.5	1778%
PAT Margins (%)	5.05%	0.50%	455 bps
Other Comprehensive Income	37.5	4.8	
Total Comprehensive Income	759.9	43.3	1655%
Diluted EPS (INR)	0.75	0.09	733%

Investor Presentation (33)

Consolidated Balance Sheet (IND-AS)

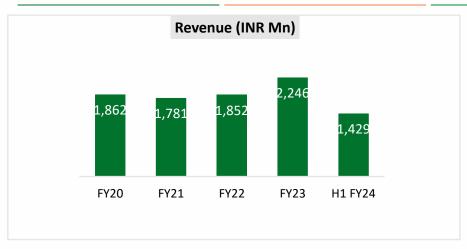


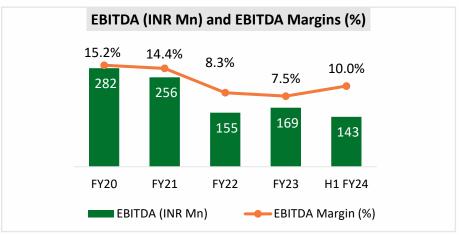
Liabilities (INR Mn)	FY21	FY22	FY23	Assets (INR Mn)	FY21	FY22	FY23
Equity and Liabilities				Assets			
1. Equity				1. Non-Current Assets:			
Equity Share Capital	101	101	101	Property, Plant and Equipments	189	166	137
Other Equity	520	548	623	Capital Work in Progress	3	3	-
Total Equity	621	645	724	Financial assets - Investments	39	5	41
2. Non-Current Liabilities							
Borrowings	188	254	216	Deferred Tax Assets	3	4	2
Lease liabilities	23	13	9	Other Non-Current Assets	49	51	56
Total Non-Current Liabilities	211	267	225	Total Non-Current Assets	284	229	236
3. Current Liabilities				2. Current Assets			
Short-Term Borrowings	673	582	590	Inventories	333	375	441
Trade Payables	384	393	560	Trade Receivables	1,121	1,084	1,180
Other Financial Liabilities	4	3	5	Cash and Cash Equivalents	-	-	46
Current Tax Liabilities	35	-	15	Bank Balance other then Cash and Cash Equivalents	24	46	-
Other Current Liabilities	178	189	165	Other Current Assets	341	366	386
Total Current Liabilities	1,274	1,184	1,341	Total Current Assets	1,821	1,871	2,053
Total Equity and Liabilities	2,106	2,100	2,290	Total Assets	2,106	2,100	2,290

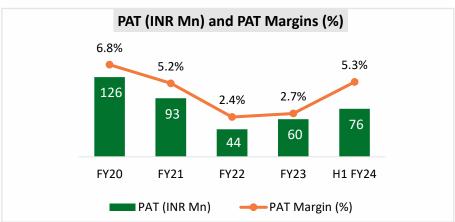
Investor Presentation (32)

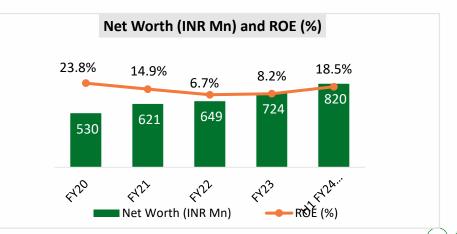
Financial Performance (Consolidated)











Investor Presentation (3

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