



Welcome to PRAJ Industries Ltd

Disclaimer



Certain statements in this presentation concerning our future growth prospects are forward-looking statements, which involve a number of risks, and uncertainties that could cause actual results to differ materially from those in such forward-looking statements.

The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, our ability to manage growth, intense competition in our industry of operations including those factors which may affect our cost advantage, wage increases, our ability to attract and retain highly skilled professionals, cost overruns on contracts, client concentration, our ability to manage our international operations, our ability to successfully complete and integrate potential acquisitions, liability for damages on our contracts, the success of the companies in which Praj Industries Ltd. has made strategic investments, withdrawal of governmental fiscal incentives, political instability, legal restrictions on raising capital or acquiring companies outside India, and unauthorized use of our intellectual property and general economic conditions affecting our industry.

Praj Industries Ltd. may, from time to time, make additional written and oral forward-looking statements, including our reports to shareholders. The company does not undertake to update any forward-looking statement that may be made from time to time by or on behalf of the company.

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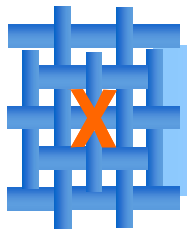
Recent Developments



Our Strategy and the Society

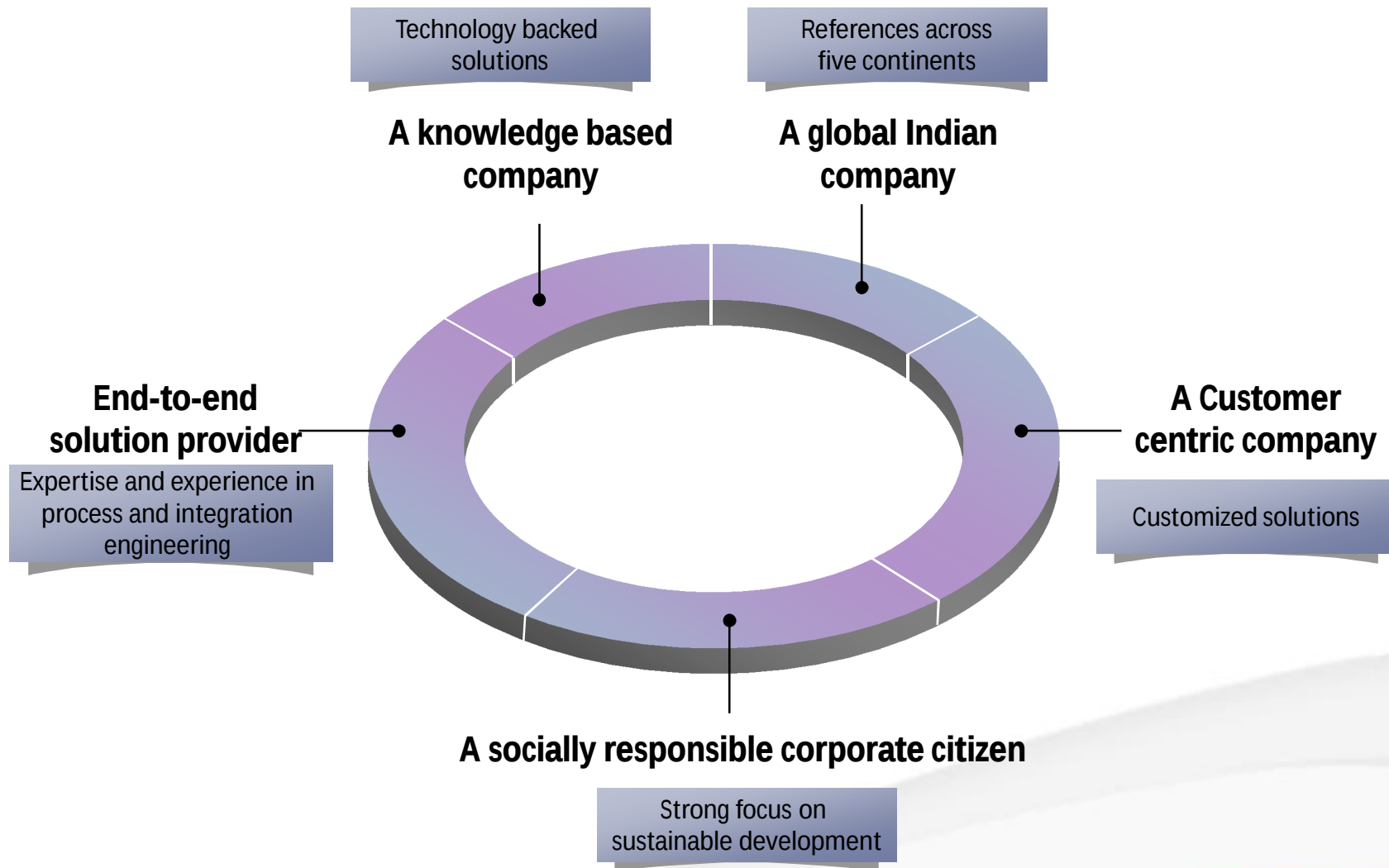


Way ahead



Corporate Overview

Who We Are



Key Highlights



- + Praj has been creating innovative technology platforms to make biofuels a sustainable and attractive choice for all stakeholders for the past 25 years
- + Established in 1984 by first generation technopreneur , Pramod Chaudhari (Executive Chairman)
- + One of the first companies to avail Venture Capital Funding through ICICI
- + Over 500 references Worldwide Largest resource base for ethanol industry
- + Strong Balance Sheet – Zero Debt
- + Global Presence – marquee customers and key partnerships
- + Significant domestic and global market share
- + Strong track record of shareholder value creation
- + **Developing a Commercial demo plant for cellulosic biomass to ethanol production**

Key Highlights



Financials

Figures in Rs million

	FY 2009-10	FY 2010-11	FY 2011-12	FY 13-Q1
Gross revenue	6022.2	5529.3	8804.4	1639.3
EBITDA	914.6	487.5	834.2	112.9
PAT	1138.9	534.7	658.2	120.6
Net worth	5323	5589.5	5507.7	354.9
Cash reserves	4032	4020	4000	2300*

* Post acquisition of Neela and Share-buyback

What We Do



**Alcohol /
Fuel Ethanol
Plants**



**Brewery
Plants**



**Water and
Wastewater
Treatment**



Bionutrients



**Critical
Process
Equipment
& Systems**



**Agri
Services**

Praj ,with experience in process engineering, has the capability to provide technology, basic and detailed engineering, key equipments and whole turnkey plants in the ethanol, brewery and water and waste water treatment areas.

Our Vision



We aspire to be
the most preferred organization for all stakeholders
through
environment friendly, sustainable solutions
that can make the world a better place

Our Mission



Milestones



1984-90

- ◆ Established in 1984
- ◆ One of the first Companies to avail Venture Capital Funding through ICICI
- ◆ Set up an R&D Center dedicated to ethanol production process

1991-95

- ◆ Launch of IPO
- ◆ Forays into synergistic fields like brewery engineering
- ◆ Patented self cleaning FLUBEX evaporator for concentration of distillery spentwash

1996-2000

- ◆ Praj manufacturing facility awarded the
- ◆ ASME U & H stamps
- ◆ Energy saving multipressure distillation systems, introduced by Praj, become an industry standard in India

2001-05

- ◆ Launch of PRAJ-Matrix The Innovation Center for advanced applied research
- ◆ Launch of multi-feed & multi-product ethanol technology for round the year distillery operation

2006-12

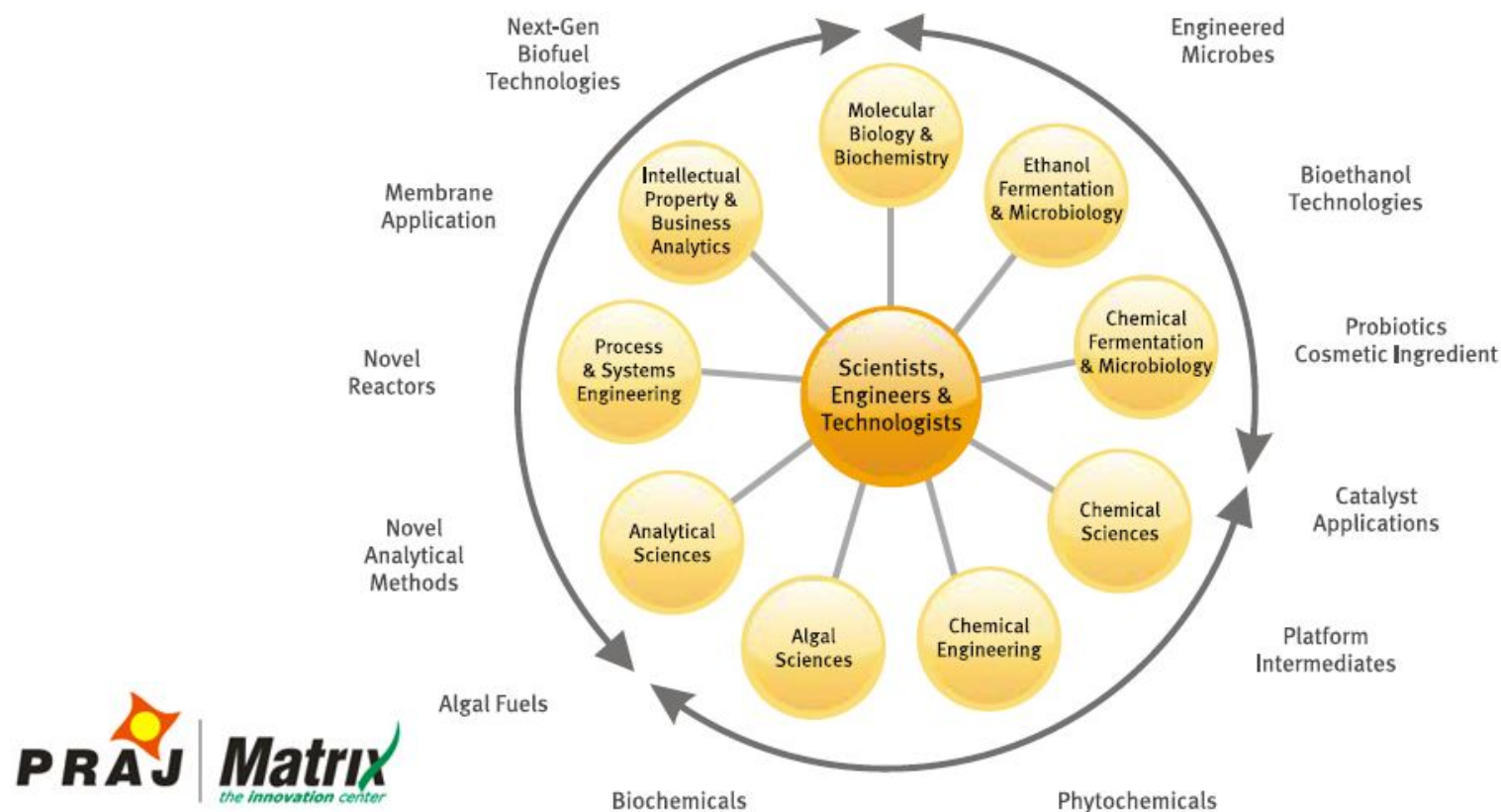
- ◆ Marquee venture capitalist invest in Praj
- ◆ Forays into customized equipment manufacturing & water & waste-water treatment businesses
- ◆ In house R&D program for second gen biofuels
- ◆ Acquires majority stake in Neela Systems, a high purity water solutions provider

Praj is building the largest fuel ethanol plant in the European continent for Vivergo Fuels, UK (A JV of BP, Dupont and AB Foods).
Praj also fulfills 100% of the Colombian Ethanol Blending Program with the help of five fuel ethanol plants.

Our Resources



Praj Matrix : The Innovation Centre

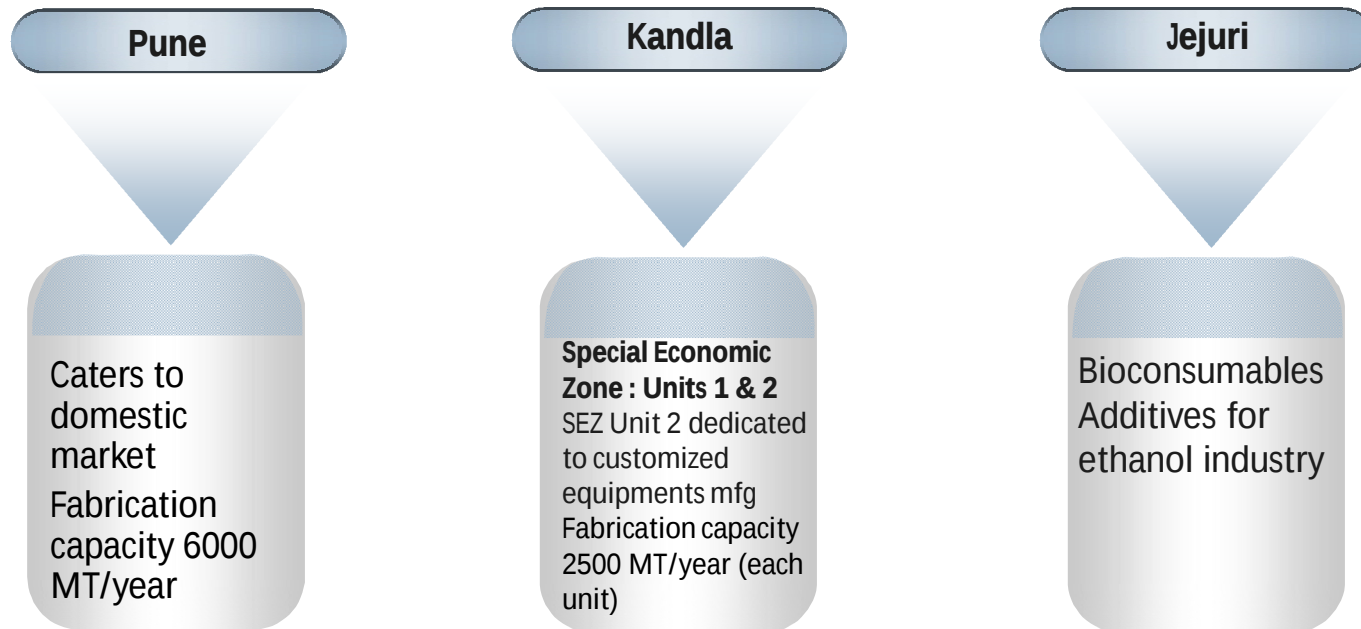


Certified as In-House R&D laboratory unit by Department of Scientific and Industrial Research, GOI
Employs highly qualified PhDs, scientists, microbiologists and molecular biologists

Our Resources



Manufacturing Facilities



Praj manufacturing facilities can produce process equipments suited to the needs of various industries viz. **oil and gas, petrochemicals, pharmaceuticals, dairy** etc.

Codes and standards: ASME, TEMA, B5500, PED, DIN, IS2825, Ad Merkblatter
Capability to handles numerous metals : Austenitic Steels, Carbon Steel, Titanium, Hastelloy, Nickel, Monel 400, Incoloy

Key Partnerships and Customers

Partners



Customers



First you add knowledge...



Ingenio Mayagüez



sucrogen™
Formerly CSR



Seagram's

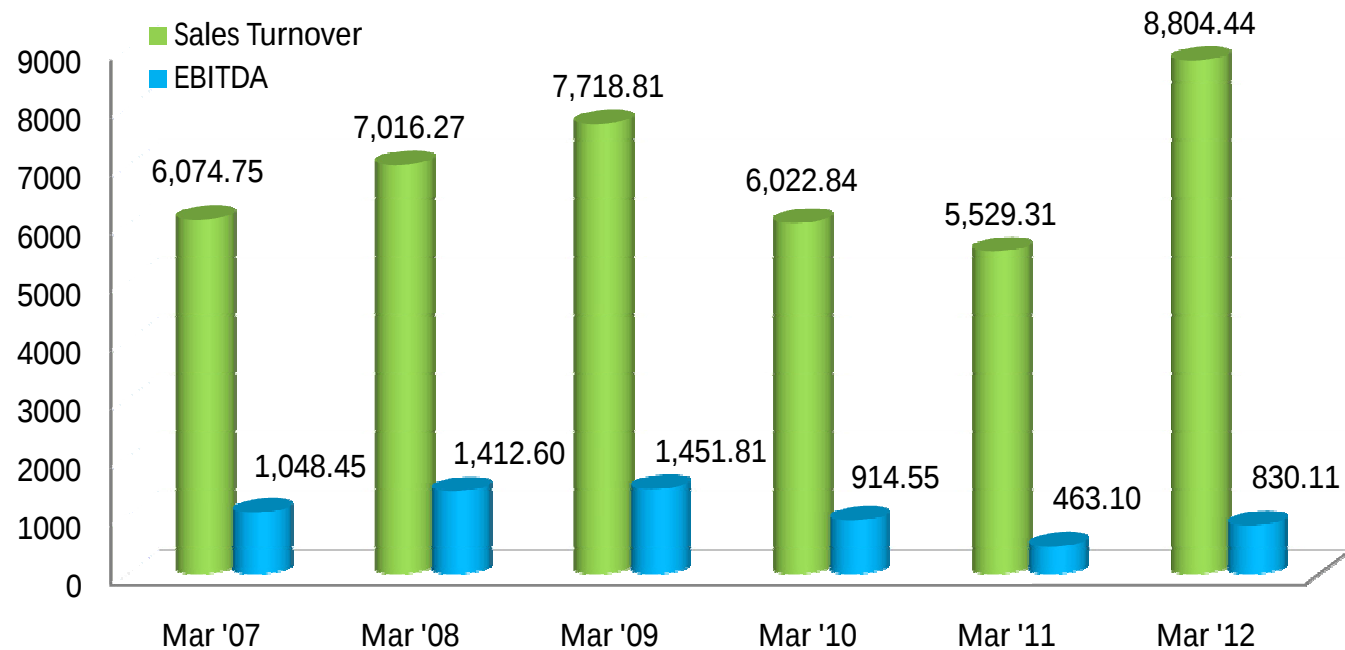
Our Presence



Financials



Values in Rs million



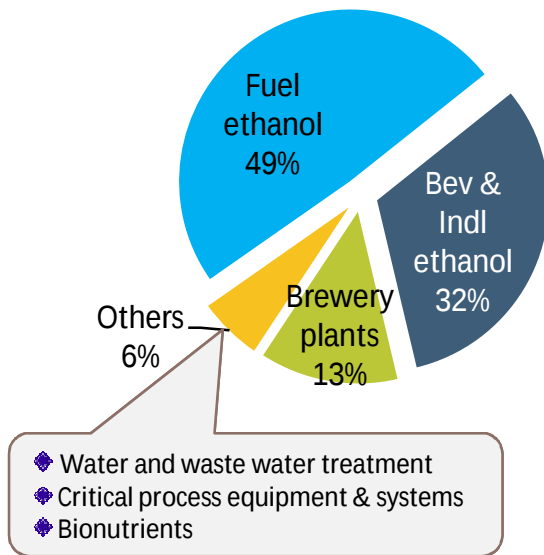
Despite global economic slowdown,
Praj's brand equity as well as market share remained
very strong and we are in a position to leverage the same as the economy unwinds.

Business Mix



Revenue contribution by various business lines

FY12

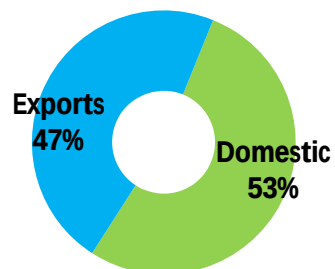


YoY Revenue Contribution %

Revenue stream	FY 07	FY 08	FY 09	FY 10	FY 11
Fuel and industrial ethanol plants	42	23	40	38	35
Beverage ethanol plants	46	62	45	50	55
Brewery plants	9	12	13	9	8
Others	3	3	2	3	2

Revenue by Geography

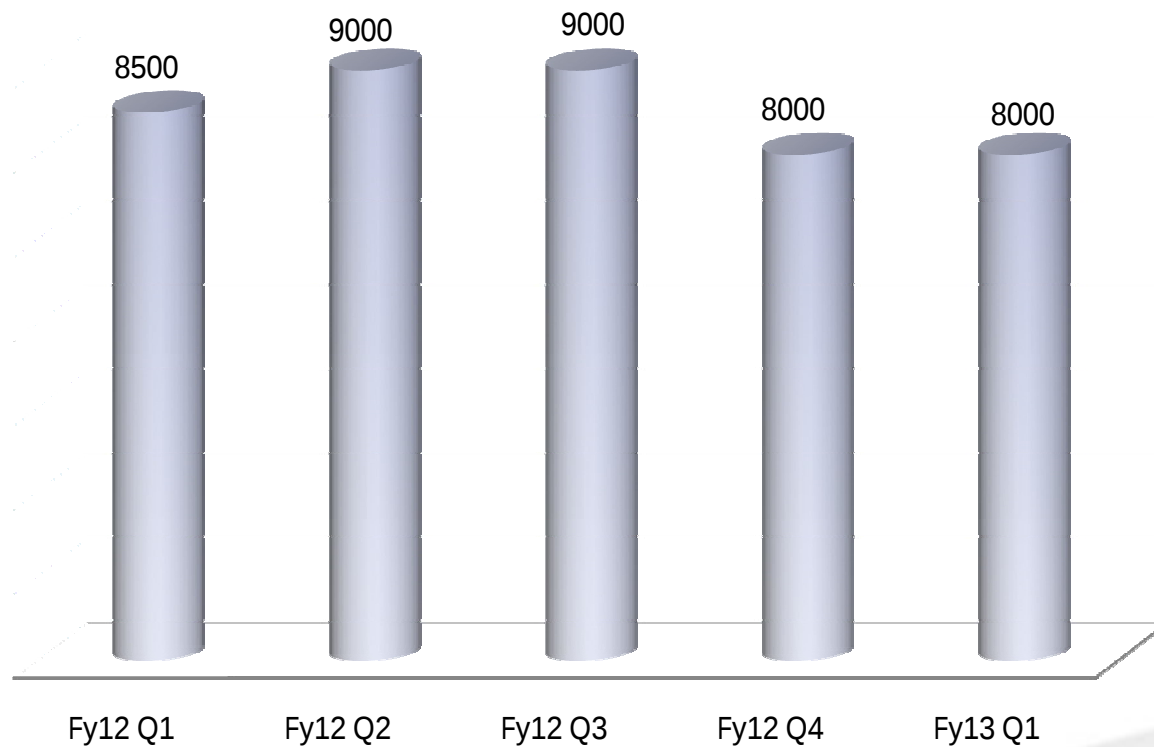
Fy 12



Order Backlog



End of each quarter : Values in Rs million



Financial Ratios



Ratio	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12
Earnings per share (Rs)	8.55	7.08	6.18	2.89	3.58
Current ratio	0.94	1.15	1.21	1.38	1.2
Return on capital employed (%)	67	39	24	11	20
Asset turnover ratio (fixed asset +CWIP)	9.27	6.10	4.14	3.64	5.14

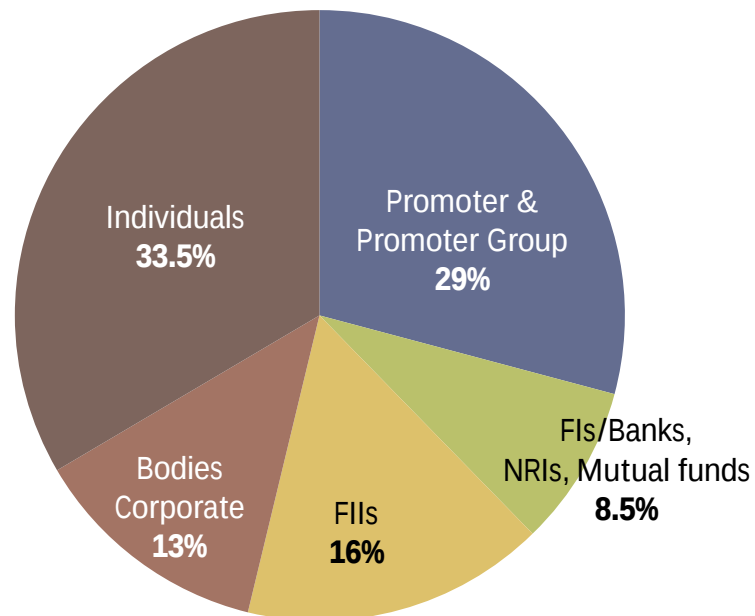
Note: As of Mar 2012

Bombay Stock Exchange (BSE) Code: 522205
National Stock Exchange (NSE) Code: PRAJIND
Bloomberg Code : PRJ:IN

Praj is a zero debt company

AA/Stable rating by CRISIL on long term bank loan and cash credit facilities
A1+ rating by CRISIL on letter of credit and bank guarantee facilities

Shareholding Pattern



Note: As of June 2012

Vinod Khosla, former Sun Micro Systems co-founder turned venture capitalist has a stake in Praj Industries Ltd.

In his own words during his visit to PRAJ Matrix :

**“At the Lab Level Praj Matrix ranks up there with almost any facility in the world.
What is unique is the Labs, Pilot and the Scale up facilities are all at one location.”**

Dividend History



Financial year	Dividend %
2006-2007	135%
2007-2008	99%
2008-2009	90%
2009-2010	72%
2010-2011	63%
2011-12	81%

Since the beginning of the past decade, Praj has made smart returns on shareholder funds, on an average of 60% and grown shareholder value substantially.

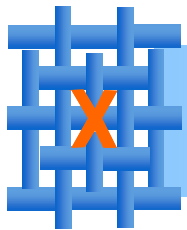
Our Subsidiaries



- ✚ Pacecon Engineering Projects Ltd. (PEPL)
- ✚ BioCnergy Europa B. V., Netherlands
- ✚ Praj Jaragua Bioenergia S.A., Brazil
- ✚ Praj Far East Co. Ltd., Thailand
- ✚ Praj Industries (Africa) Pty Ltd, Johannesburg
- ✚ Praj Americas Inc., Houston

Today, Praj has over 500 references in more than 50 countries across 5 continents with its own offices in Bangkok (Thailand), Johannesburg (South Africa) and Sharjah (UAE) apart from India.

Praj is also present in the USA, the Netherlands, Brazil, Colombia and Guatemala.

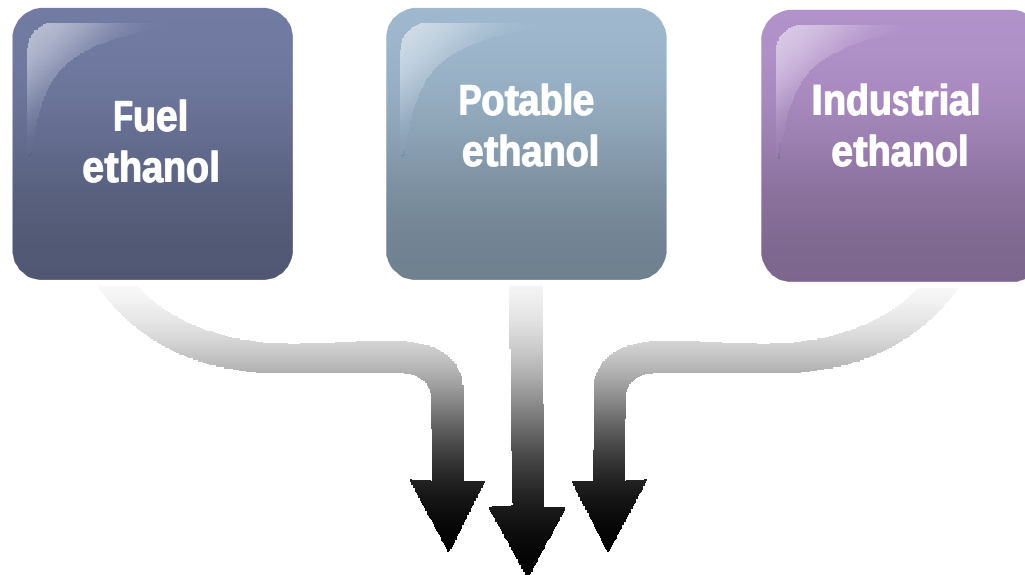


Industry Overview

Global Ethanol Business



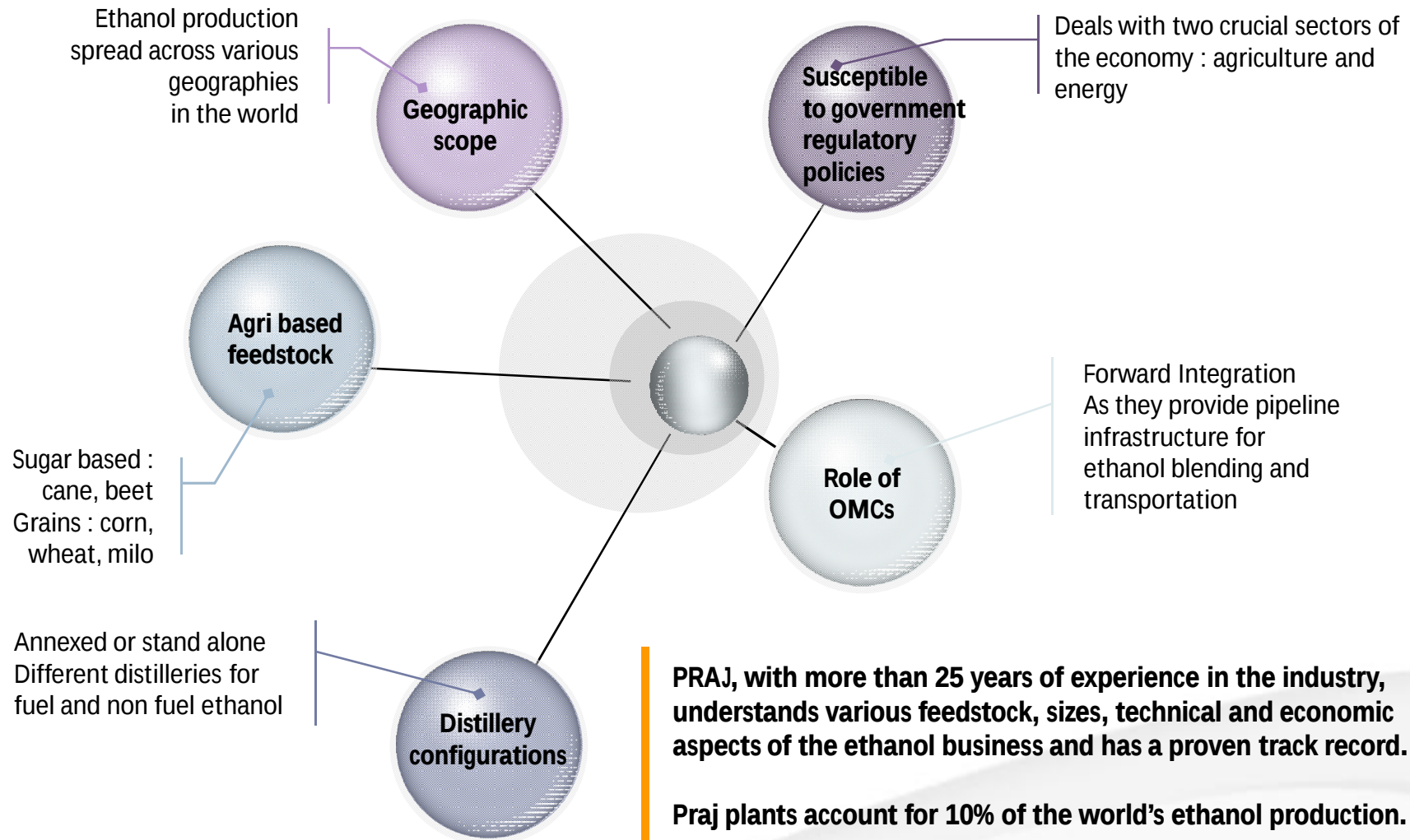
Drinking is just one of the multiple applications of ethanol!
Out of the world's total ethanol production, around 80% is used for fuel purpose.



Praj : A one stop shop to produce any grade of ethanol, from a variety of feedstock and a range of plant capacities.



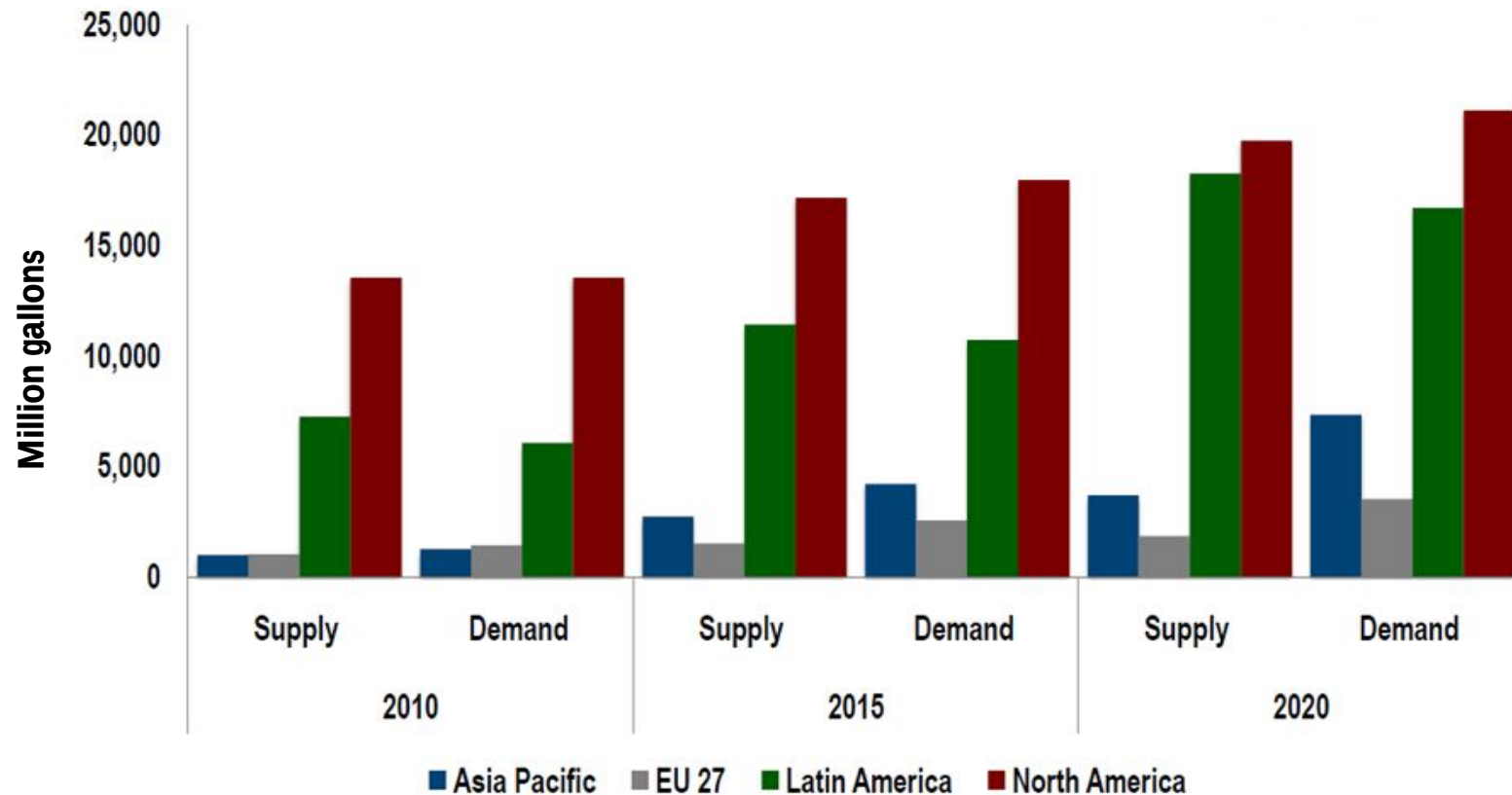
Ethanol Industry Structure



Ethanol Growth by Region



Ethanol blending programs are getting implemented all over the world.
Asia pacific will emerge as a major consumer whereas Lat AM as a major supplier.



What Drives Ethanol Business



Escalating price and declining availability of oil

Climate change concerns

Ethanol tax incentives

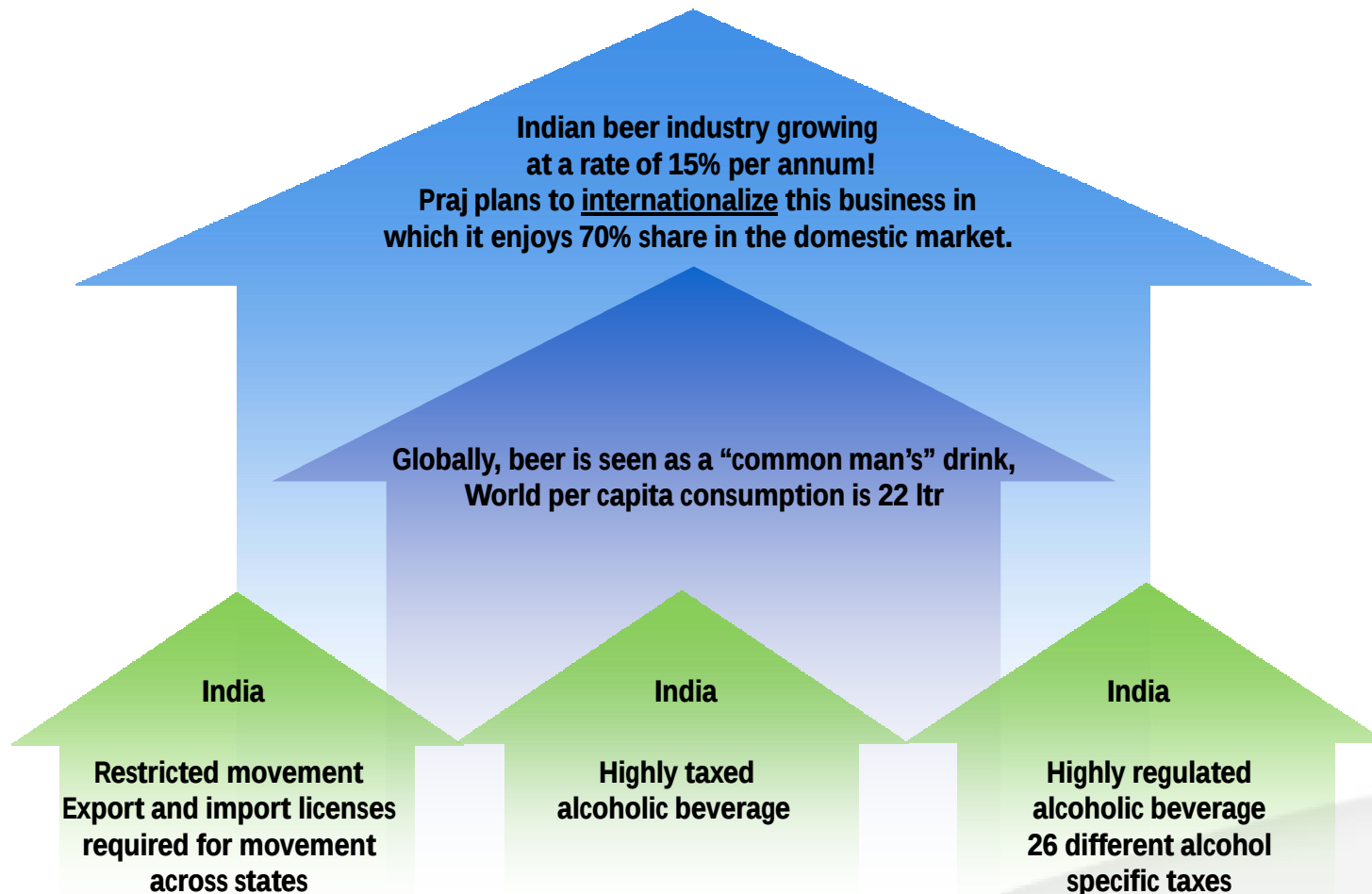
Government blending mandates

Technological advancements

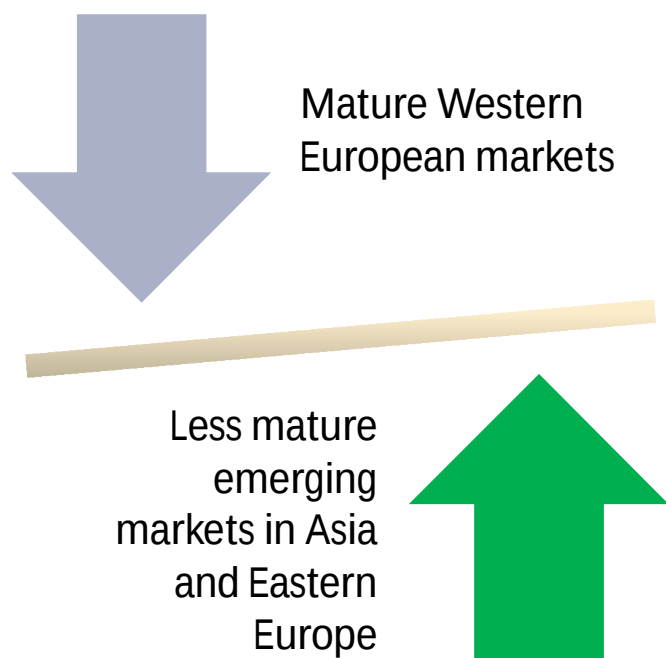
Rising income levels and changing demographics

Biofuels are gaining traction and saw a 40% growth rate in the fiscal year 2011. Financing for renewable has also been on an uptick, particularly in the area of second generation and renewable chemicals.

Brewery Business



What Drives Brewery Business



Mature Western
European markets

Less mature
emerging
markets in Asia
and Eastern
Europe

- 🍺 Growing disposable income
- 🍺 Improvements in the quality of beer
- 🍺 A steadily growing beer-consuming population base
- 🍺 Marketing and advertising activities by beer producing companies
- 🍺 Tax and duties
- 🍺 Perceived health effects

Praj integrates the tradition of malted barley, hops and water with Science. Supply of brewery plants having world-class manufacturing capability to achieve excellent and consistent product quality at lower cost with environment friendly technology shows our sound equipment design capabilities and experience.

Water and Waste Water Business

Water scarcity

Environment protection concerns

Challenges in manufacturing processes in various industries and pressure on municipal services

Praj offers solutions to various industries viz.

Sugar

Dairy

Chemical

Pharmaceutical

Power

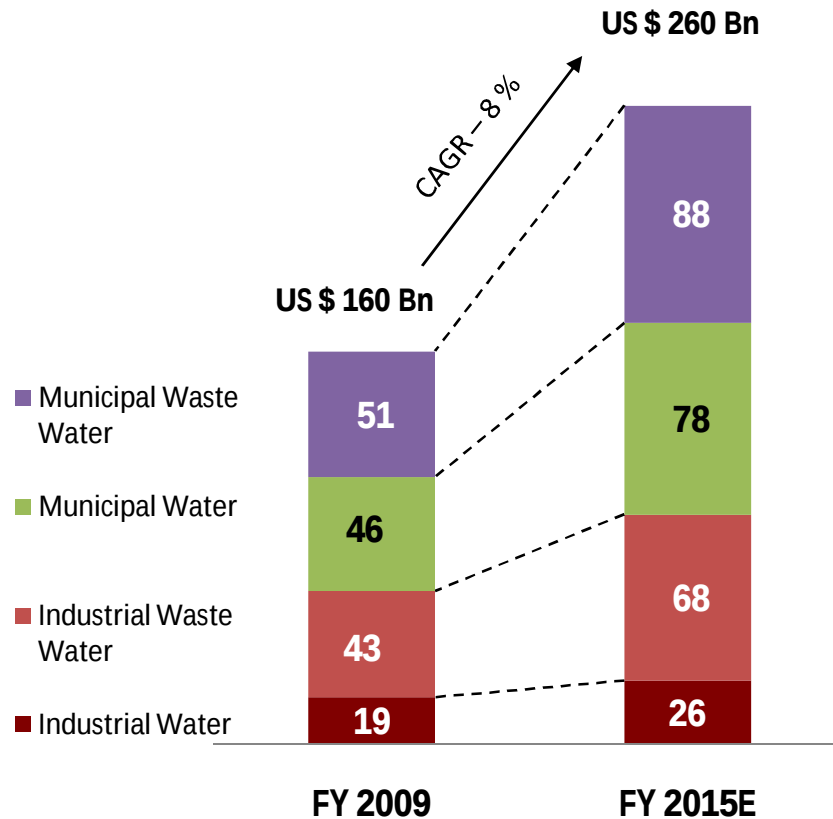
Fertilizer

Food processing

Metal

to treat, reuse and recycle wastewater effectively.

What Drives Water Business

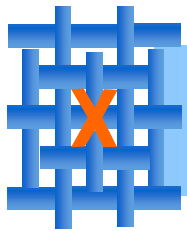


Global Business Drivers

- 💧 Increasing Water Stress
- 💧 Increasing Industrialization
- 💧 Increasing Urbanization
- 💧 Stringent environmental norms
- 💧 Technological advancements
- 💧 Replacement of old technologies

Source: Praj's internal study

With a wide experience on treatment of most challenging wastewater and water related applications in the distillery and brewery industry, entry into water and wastewater arena came easily to Praj.



Recent Developments

Acquisition of Neela Systems



- 💧 Majority stake 50.2%
- 💧 Transaction value : Rs 640 million
- 💧 Business interest in water treatment and modular process systems for the Biotech, Pharma, Life Sciences and Cosmetics
- 💧 A leader in high purity water segment
- 💧 Turnover of Rs 937 million for FY 2011-12
- 💧 A state-of-the-art manufacturing facility at Wada, Thane to build US FDA, UKMCA and WHO compliant system



Rationale & Value Creation

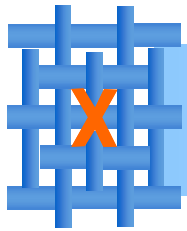


High quality
water
systems and
related
equipments



Experience with
complex and
challenging
effluents in
various
industries

This acquisition will provide Praj with a deeper and wider penetration into the fast-growing pharmaceutical, biopharmaceutical, food & beverage as well as the cosmetics industry to become a “one stop shop” for water management of our clients.

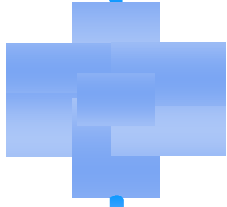


Our Strategy and the Society

A Responsible Corporate Citizen



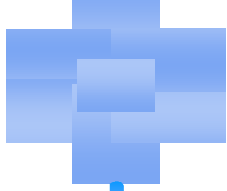
Environment



Health



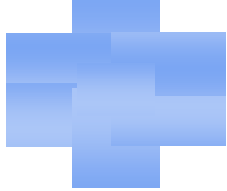
Education



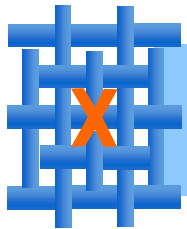
Underprivileged



Art

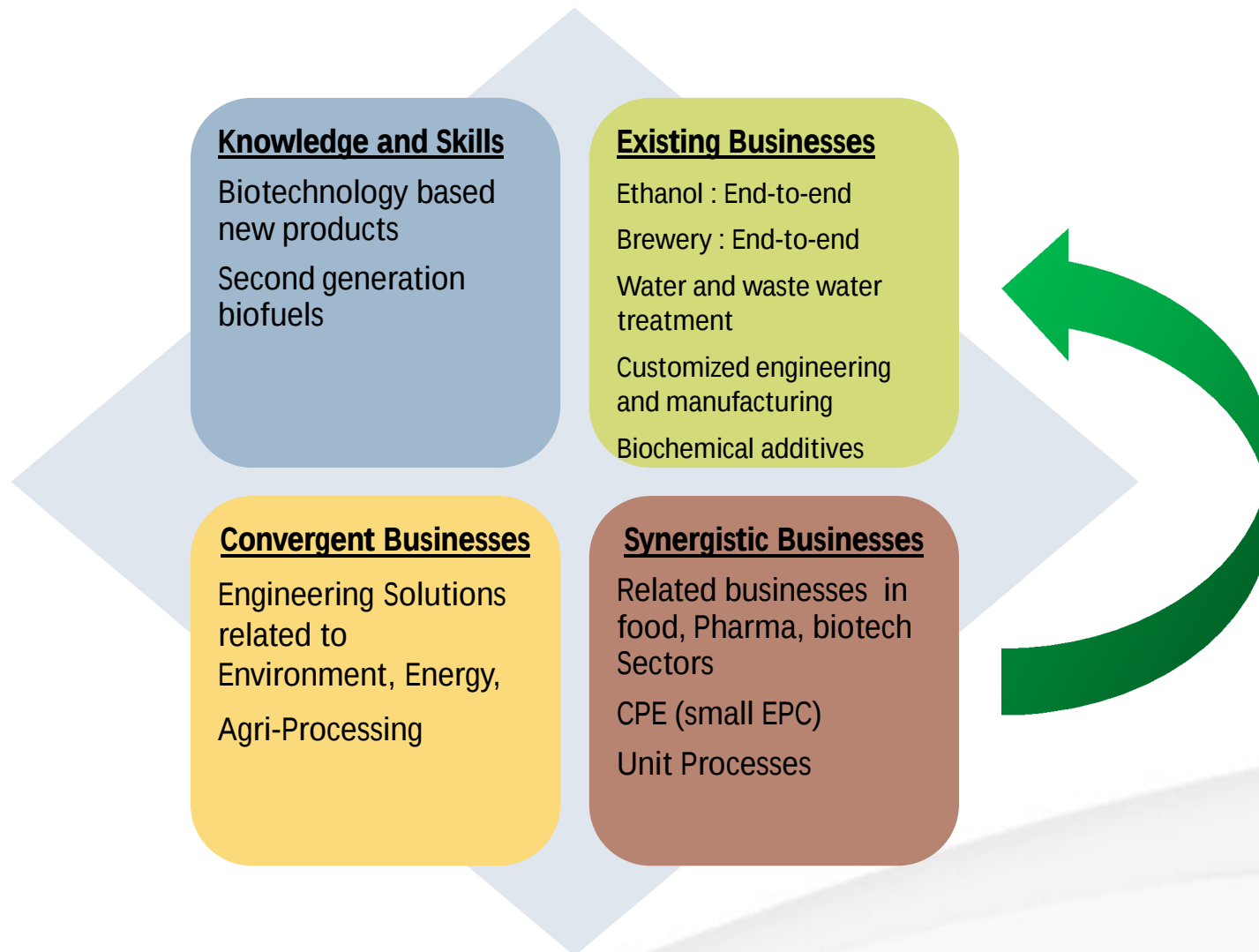


Employee Initiatives

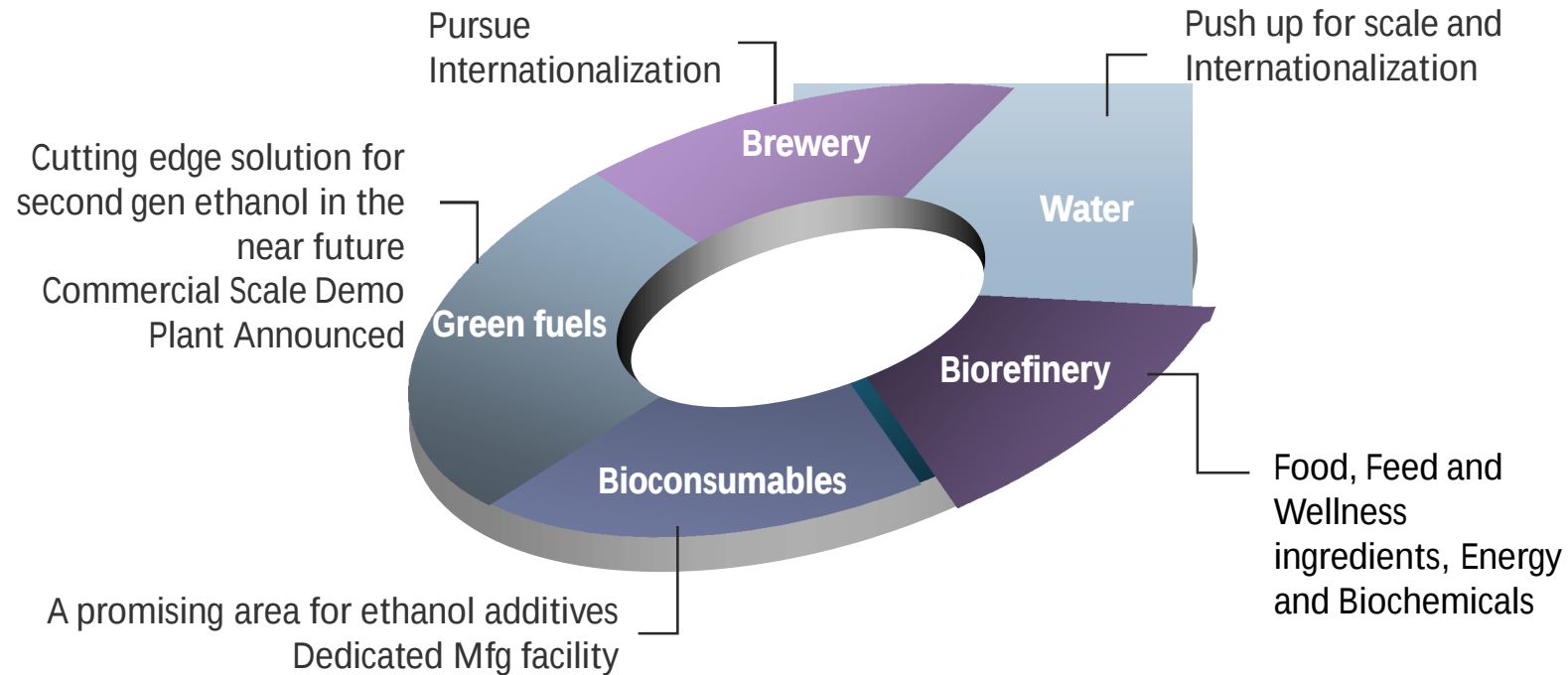


Way ahead

Strategic Direction

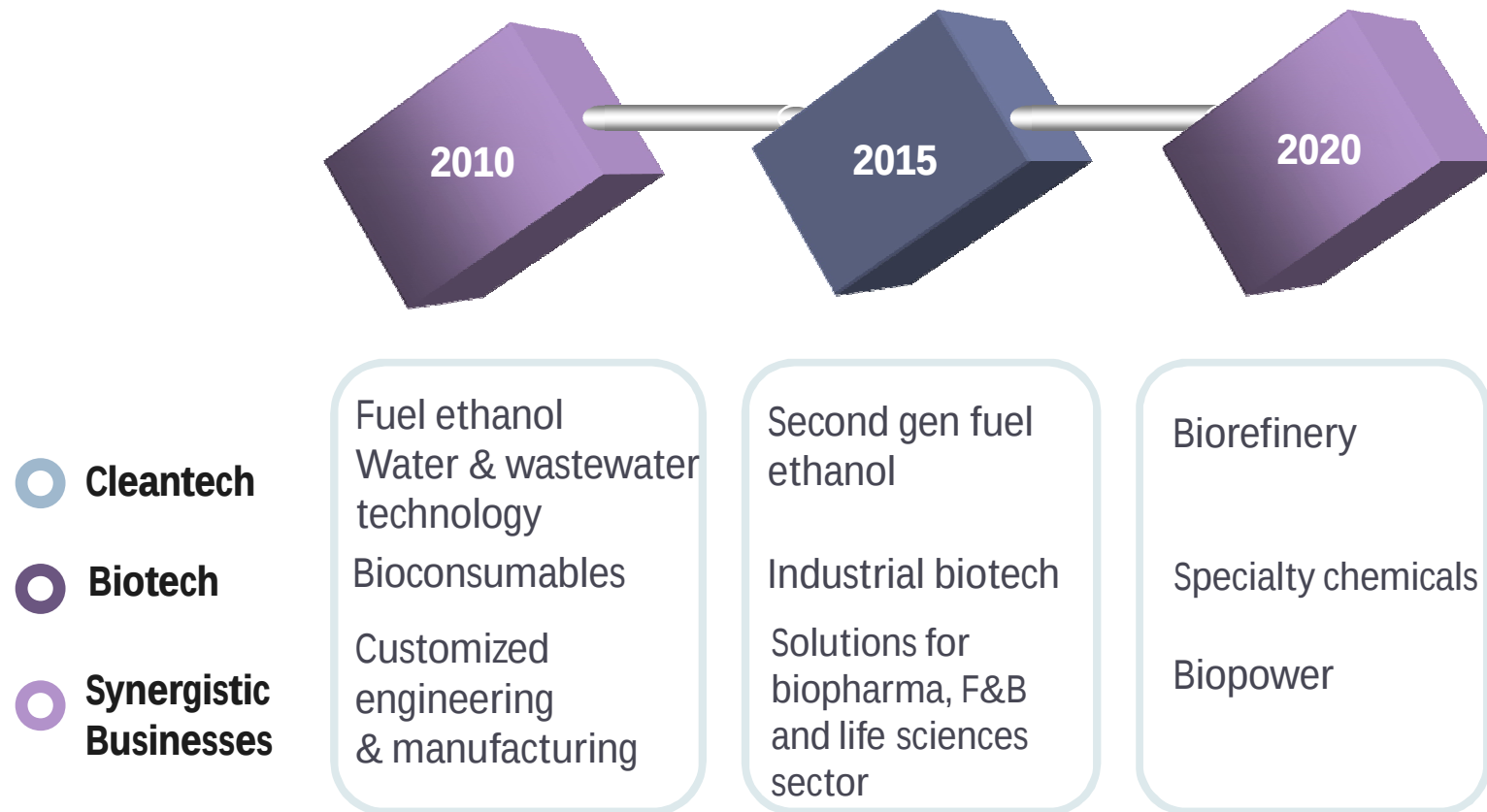


Our Plans for the Future



Non ethanol businesses	Geographic scope	Brand equity
To contribute more than 30% to the revenues by 2013	References in 60 countries and offices in 7 countries	A company with the unique ability to blend technology and execution A significant player in the cleantech space

Vision 2020



Evaluating opportunities in Engineering led solutions for Energy, Environment and Agri-processing with a large global play.

Key Management Personnel



Executive Directors

▪ Pramod Chaudhari, Executive Chairman

- ✚ Engineering from Indian Institute of Technology, Bombay
- ✚ Advanced Management Programme at Harvard Business School in 1995
- ✚ Contribution to the National Biofuels Policy as a member of the Committee on Development of Biofuels Planning Commission, Government of India, for introduction of renewable fuels to India
- ✚ The Co-Chairman, CII National Committee on Renewable Energy for 2012-13
- ✚ The Vice-President, Maharashtra Chamber of Commerce, Industries and Agriculture, Pune
- ✚ Past Chairman of the Maharashtra State Council of CII (2009-10)
- ✚ The member of Executive Council of Association of Biotechnology Led Enterprises (ABLE) in India
- ✚ Recipient of 'Distinguished Alumnus Award' of IIT, Bombay in the Year 2005
- ✚ Recipient of the Jagatik Marathi Chamber of Commerce 'National Level Entrepreneurship' Award in the Year 2004
- ✚ Recipient of 'Outstanding Contribution thru Innovation Award' of Chemtech Foundation

▪ Gajanan Nabar, CEO & Managing Director

- ✚ Master's degree in Organic Chemistry and Master in Management from Bombay University
- ✚ Was conferred a diploma by Plastic and Rubber Institute, London
- ✚ Has completed the Executive development program of Wharton Management School in the year 2000
- ✚ Over 22 years of multi-functional management experience in Operations, Projects and Business development
- ✚ Work experience with MNEs like Monsanto, Asian Paints and BASF and Praxair
- ✚ An active member of the American Chamber of Commerce, CII and BCIC
- ✚ A member of the Young Presidents Organization (YPO)

Board Members



Non Executive Directors

Mr. Berjis Desai

Specializes in Financial & Securities Law, Structured Finance, Securitization , OTC Derivatives and arbitration counsel. On boards of several public limited companies, Managing Partner of M/s J. Sagar Associates

Mr. Kishor Chaukar

Managing Director of Tata Industries Limited
A member of the Group Corporate Centre :Strategy formulation at the House of Tata
Chairman of Tata Council for Community Initiatives
a member of the Board of several national and international organizations in the Corporate Sustainability and Human Rights space including Shell Foundation

Mr. Prakash Kulkarni

Executive Chairman of Gabriel India, superannuated from Thermax Limited after a stint of 35 years, also serves on the Board of Sulzer India, vast experience in the capital goods industry

Mr. Rajiv Maliwal

Co-founder and Managing Director of Sabre Capital, Chairman of the Spring Healthcare Fund, a Sabre Capital initiative in the healthcare services industry and serves on the boards of several portfolio companies

Mr. Utpal Sheth

Cost Accountant (Grad CWA) and a Chartered Financial Analyst (CFA) from ICFAI, vast experience in Investment Management, Risk Management and Institutionalization. He is the CEO of Rare Enterprises.

Mr. Sivaramakrishnan S.
Iyer

A qualified Chartered Accountant, a partner of Patel Rajeev Siva & Associates which specializes in corporate finance and advises companies on debt/equity fund raising, mergers/amalgamations, capital structuring for new/expansion projects and due diligence work for various companies.

Mrs. Parimal Chaudhari

A communication consultant and a journalist by training, steers the CSR wing of the company

Thank you..