

# Corporate Snapshot

**60** Years  
of Technical Excellence

**895 Cr**  
Total Consolidated  
Income FY 2021-22

**10000+**  
Projects Delivered

**\$35 Bn**  
Worth Projects  
under Management

in

**63**  
Countries

**2669**  
Average Employees  
FY 2021-22

**05**  
Patents

**1948 Cr**  
Business Acquisition

# Our Pillars of Success

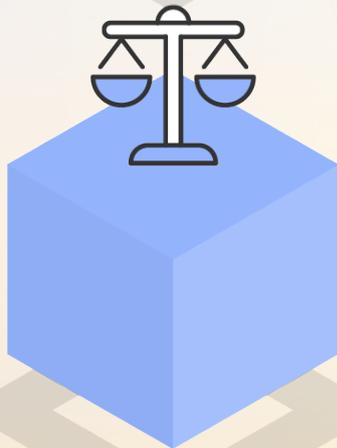
## Vision

To be an Internationally Respected Engineering Consultant offering Comprehensive Solutions.



## Mission

Provide Technically Excellent and Innovative Solutions for adding Value to all Stakeholders, and Operate Globally as Professional Consulting Engineers.



## Values

- Customer Satisfaction & Loyalty
- Technical Excellence with Professional Ethics
- Responsibility to Society
- Employee Dignity & Self-respect
- Organisational & Individual Growth

# Our Value Drivers

## Customer Focus

At TCE staying alive to the needs of the customer is of paramount importance. Customer focus is a key parameter of employee goals, thus maximising customer loyalty and fostering a culture of customer first.

## World Class Talent

People are our most important asset and we believe in constantly upskilling our talent keeping pace with changing times. We are committed to ensuring an inclusive, innovative, meritocratic and people-centric culture.

## Innovation Culture

We encourage a creative mindset by motivating employees to participate in ePride and Tata Innovista contests. We also have a mechanism to capture value additions at the project level and share the learnings with other project teams.

## System Mindset

Our system mindset ensures parity of experience and delivery to our customers. Applications such as SmartSite™ and Suraksha deliver seamless, paperless and real-time project management experience.

## Industry Expertise

Our deep domain expertise across various industry segments gives us a competitive advantage and helps design out-of-the-box technical solutions to save customer time and money.

## Tata Values

We are committed to integrity and adhere to the Tata Code of Conduct developed by the Tata Group. We have institutionalised well thought out stringent practices and processes to ensure high standard of Ethical Conduct and Compliance.

## Thought Leadership

As thought leaders in the industry, we hold the merit of shaping industry mindset, leading new domains, delivering complex & unique projects and value engineering.





# of Engineering Infinite Possibilities

## FY 1963 TO FY 1972

1962 • 1963 • 1964 • 1965 • 1966 • 1967 • 1968 • 1969 • 1970 • 1971

- Est. in 1962 as Tata Ebasco Engineering
- In 1968 TCE became a division of Tata Sons
- First 150MW Trombay Thermal Project in India
- First Equatorially mounted cylindrical radio telescope at Ooty

## FY 1973 TO FY 1982

1972 • 1973 • 1974 • 1975 • 1976 • 1977 • 1978 • 1979 • 1980 • 1981

- Asia's biggest water treatment plant of 2043 mld/day
- First 200MW thermal unit for India
- Pioneered seaborne coal handling systems in India, with a marine unloading facility

## FY 1983 TO FY 1992

1982 • 1983 • 1984 • 1985 • 1986 • 1987 • 1988 • 1989 • 1990 • 1991

- First 500MW Thermal Power Unit
- Asia's biggest (2.3m dia) optical telescope
- The tallest 275m chimney in India
- India's first computer based Operator Training Simulator (OTS)



**FY 1993  
TO  
FY 2002**

- World's largest steerable radio telescope (GMRT) with 30 dishes, each of 45m Dia
- India's first marine outfall (undersea tunnel) of 1826mld
- 3.5km length sewage disposal system in Mumbai
- India's first 800kV, 405km long transmission line
- India's first Barge Mounted Combined Cycle Power Plant

**FY 2003  
TO  
FY 2012**

- India's first 300mld WTP with Pulsator and Aquazaur V Filters
- Asia's largest sewage pumping station of 1500mld peak capacity
- Highest Delta award for making a significant improvement in performance
- India's first creek tunnel of 3.6m dia
- Four tunnels of 3m dia using tunnel boring machine
- India's first 800MW supercritical thermal power station
- Serious Adoption recognition for crossing the first milestone in TBEM

**FY 2013  
TO  
FY 2022**

- 3 MTPA Expansion – Coke Oven and by Product Plant
- Digital technology adoption across the company
- Winner of Tata Group innovation award
- Winner of India's Top 25 Innovative firm award
- Opening of ME branches at Abu-Dhabi & Saudi Arabia
- Est. Dedicated Engineering Centers (DEC), offering 4D Construction simulation
- Awarded 14 Smart City & 55 AMRUT cities
- Partnered ISRO GSLV successful launch
- Engineering review of 182 meter tall Statue of Unity
- Assessed as 'Emerging Industry Leaders' for crossing to 551-650 band
- PMC for India's first High-Speed Rail from Ahmedabad to Mumbai
- Outstanding & Significant Supplier Contribution award by large Middle East customers



# Our Sectors

## PLANT ENGINEERING CLUSTER

**29%**

Share of Revenue

### POWER SECTOR

Nuclear, Green Power (Solar, Wind, Hydro), Thermal, Transmission & Distribution, New Technologies – (Digital & Hydrogen)

**33%**

Share of Revenue

### RESOURCES SECTOR

#### Hydrocarbons & Chemicals

Oil & Gas, Petrochemicals & Refineries, Food & Pharma, Specialty Chemicals

#### Mining & Metallurgy

Ferrous & Non-Ferrous, Geology & Mining, Beneficiation, Material Handling

## INFRASTRUCTURE CLUSTER

**38%**

Share of Revenue

### INFRASTRUCTURE SECTOR

Water, Wastewater & Swage, Buildings & Facilities, Environment & Sustainable Infrastructure, Industrial & Manufacturing Facilities, Master Planning & Urban Development, Ports & Transportation

### ECOFIRST SERVICES LTD. (Subsidiary)

Sustainable Integrated Design of Buildings, Urban Design, Sustainable Engineeronomics, Climate and Sustainability Services, Program Management, Digital & Modelling

# Our Services

## DESIGN & ENGINEERING SERVICE

- Project Concept Development
- Pre-feasibility & Feasibility Reports
- Detailed Project Reports
- Environmental Study Reports
- System Studies
- Frontend Engineering Design (FEED)
- OE Services
- Detailed Engineering

## PROCUREMENT SERVICE

- Procurement Assistance
- Quality, Inspection & Equipment Management
- Vendor Quality Assessment
- Vendor Management
- Inquiry/Tender Preparation and Award

## DIGITAL & ADVANCED TECHNOLOGIES SERVICE

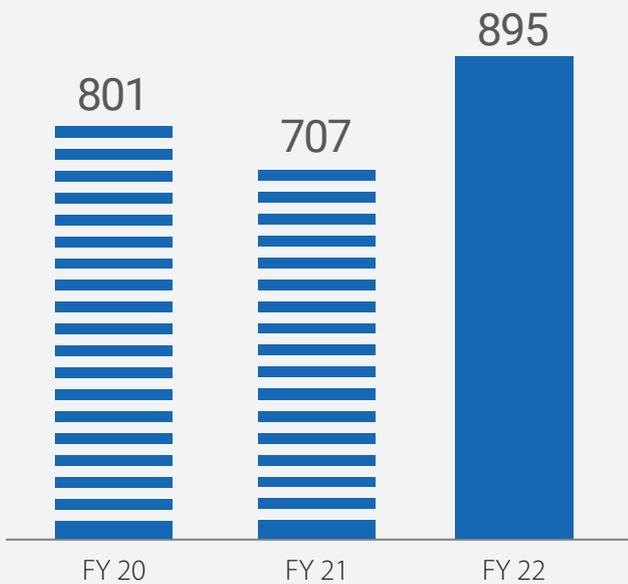
- Unified 3D Engineering, 4D, 5D Simulation
- Building Information Management
- Asset Digitisation & Asset Information Management
- Industry 4.0 & Asset Performance Management
- Product Engineering: Design and Analysis
- Turnkey Machine Development

## PROJECT MANAGEMENT & SAFETY SERVICE

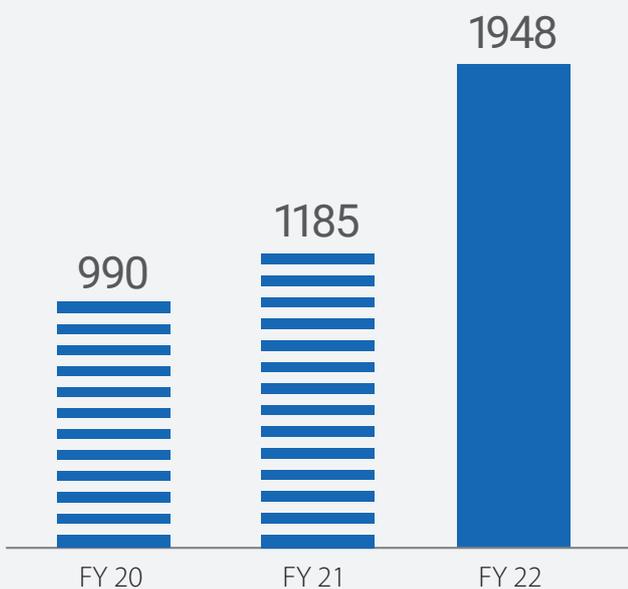
- Project Management
- Engineering & Constructability Review
- Construction Management / Supervision
- Program Management
- Interface Management
- Specialised Services
- Quality & Safety Audits
- Outage & Opex Management

# Our Performance Highlights

## TOTAL CONSOLIDATED INCOME



## BUSINESS ACQUISITION



FY 2021-22 proved to be an exceptional year in the company's 60 year history. The year closed at Rs 895 Cr in total consolidated income and Rs 1948 Cr in order acquisition, highest ever.

**895 Cr**  
Total Consolidated Income

**1948 Cr**  
Business Acquisition

**64%**  
Growth in Business Acquisition Over Previous Year



# 4529 kWh

**Energy Consumption  
by TCE Offices**

## NATURAL CAPITAL

Through our technology-enabled solutions, we also help our clients by engineering infinite possibilities to preserve natural resources and promote sustainability. Some of the projects that we undertake in water, waste management, smart cities, mining & metals, etc. are specifically addressed at natural capital enhancement for the environment as a whole.

# 82.5%

**Utilisation of People**

## HUMAN CAPITAL

People are at the heart of our business. Collective skills, knowledge and capabilities of our employees and contract staff help us engineer infinite possibilities.

# 84%

**Men**

**Diversity**

# 16%

**Women**

# 16

**Training Person  
days per employee**

# 16

**Project, Sales &  
Branch Offices**

## MANUFACTURED CAPITAL

Project design, engineering, construction, maintenance and management are the stages when we use materials, equipment, tools and technologies all form our manufactured capital.

## INTELLECTUAL CAPITAL

Innovations around technologies for increasing project efficiency and creating knowledge continuously establish the company as a thought leader.

**16** New Templatisation  
Solutions

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**07** New Service  
Offerings

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**25** Presentation at  
Various Conferences

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**09** Whitepapers

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**76** on **63**  
SMEs BIS Committees

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**390** Cr Value Addition  
Benefits to Customers

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**28** Papers Published

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**25** Articles on Company  
Website

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**02** New Patents Filed

**05** Patents till Date

## SOCIAL & RELATIONSHIP CAPITAL

Powered by our different flagship programmes, along with various volunteering initiatives, we are delivering on our social responsibility. Our Corporate Sustainability Policy framework offers the foundation to build our social well-being programmes by leveraging our core capabilities. Our primary focus areas are Sustainable Livelihood, Education, Infrastructure, Health and Hygiene, and Research and Development.

**8513**

**Corporate Volunteering  
Person hours**

**20005**

**Lives Touched**

**2.28** Cr

**Invested in CSR projects**

**2426**

**Employees Volunteered**



# Company Awards

- **FIDIC Awards 2021**  
Certificate of Merit for the Bangalore Water Supply and Sewerage Project (II)
- **13<sup>th</sup> CIDC Vishwakarma Awards 2022**  
Safety, Health Environment in Construction
- **ACCE(I) - INSWAREB AWARD 2020**  
Certificate of Merit for effective use of Pozzolana or blended cement
- **ICSI National Awards 2021**  
Excellence in Corporate Governance
- **Asia's Best Employer Brand Awards 2021**
- **L&D Summit & Awards 2022**  
Being conferred with the Evolution in L&D
- **Tata Innovista Finalist 2021**
- **CII Best Case Study 2021**  
National Electrical Safety, Power Quality & Reliability Circle Competition
- **Global CSR Excellence Award 2022**  
Rural Development / Upliftment
- **Best COVID19 Solution 2022**  
Community Care
- **Finalist of CII Design Excellence Awards 2021**  
Combating COVID19
- **The Institution of Engineers (India) 2021**  
Innovative Industries Award for combating COVID19
- **SABIC Supplier Recognition Programme 2022**  
Outstanding and Significant Contribution
- **Energy Leadership Award 2022**  
Renewable Category
- **Energy Leadership Award 2022**  
Non-renewable Category

# People Awards

- **CEO of the Year by Indian Achievers Forum**  
Amit Sharma

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- **Forbes India enlistment in "Top GC-Powerlist 2021" in March 2022**
- **General Counsel of the Year 2021 at the 7<sup>th</sup> Edition India Legal Summit & Awards 2021**
- **Governance Professional of the Year award by the Institute of Company Secretaries of India in 2021**  
Sachin Mishra

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- **Woman Leader of the Organisation**  
Nidhi Mehandiratta

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- **CFO100 Roll of Honor for exceptional contribution to corporate finance**  
Gurunandan Molahalliker

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- **Safety Influencer Award by World of Safety Asia**  
Josy Thopil

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- **Consulting Leader of the Year: Women in New Energy (WINE) Awards**  
D R Shanti

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- **Technology Leader of the Year: Women in New Energy (WINE) Awards**  
D Geethalakshmi

# Our Presence

**61%**  
Share of Total Revenue

INDIA

**216** Cities



**12%** Share of International Revenue

**MIDDLE EAST & AFRICA (MEA)**

**27%** Share of International Revenue

**REST OF WORLD (ROW)**

**NORTH AMERICA**

- 1. Canada
- 2. Mexico
- 3. USA

**SOUTH AMERICA**

- 4. Brazil

**EUROPE**

- 5. France
- 6. Germany
- 7. Italy
- 8. Netherlands
- 9. Portugal
- 10. Spain
- 11. Switzerland
- 12. Turkey
- 13. UK
- 14. Ukraine

**AFRICA**

- 15. Algeria
- 16. Congo
- 17. Egypt
- 18. Ethiopia
- 19. Ghana
- 20. Kenya
- 21. Liberia
- 22. Libya
- 23. Malawi
- 24. Mauritius
- 25. Mozambique
- 26. Nigeria
- 27. Rwanda
- 28. Senegal
- 29. Seychelles
- 30. Sierra Leone
- 31. South Africa
- 32. Sudan
- 33. Tanzania
- 34. Uganda
- 35. Zambia

**AUSTRALIA**

- 36. Brisbane
- 37. Sydney

**ASIA**

- 38. Bahrain
- 39. Bangladesh
- 40. Bhutan
- 41. China
- 42. Fiji Islands
- 43. Indonesia
- 44. Japan
- 45. Jordan
- 46. Kuwait
- 47. Laos
- 48. Lebanon
- 49. Malaysia
- 50. Myanmar
- 51. Nepal
- 52. Oman
- 53. Philippines
- 54. Qatar
- 55. Saudi Arabia
- 56. Singapore
- 57. South Korea
- 58. Sri Lanka
- 59. Thailand
- 60. UAE
- 61. Uzbekistan
- 62. Vietnam
- 63. Yemen

