

FULL SPECTRUM
WATER & ENVIRONMENT
 SOLUTIONS

Ion Exchange pioneered water treatment in India and is today Asia's largest water and environment solutions provider, with a strong global presence. Among few companies worldwide with the entire range of technologies, processes, products and services, we are able to provide total water and environment management for every sector - industrial, institutional, municipal and household, urban and rural.

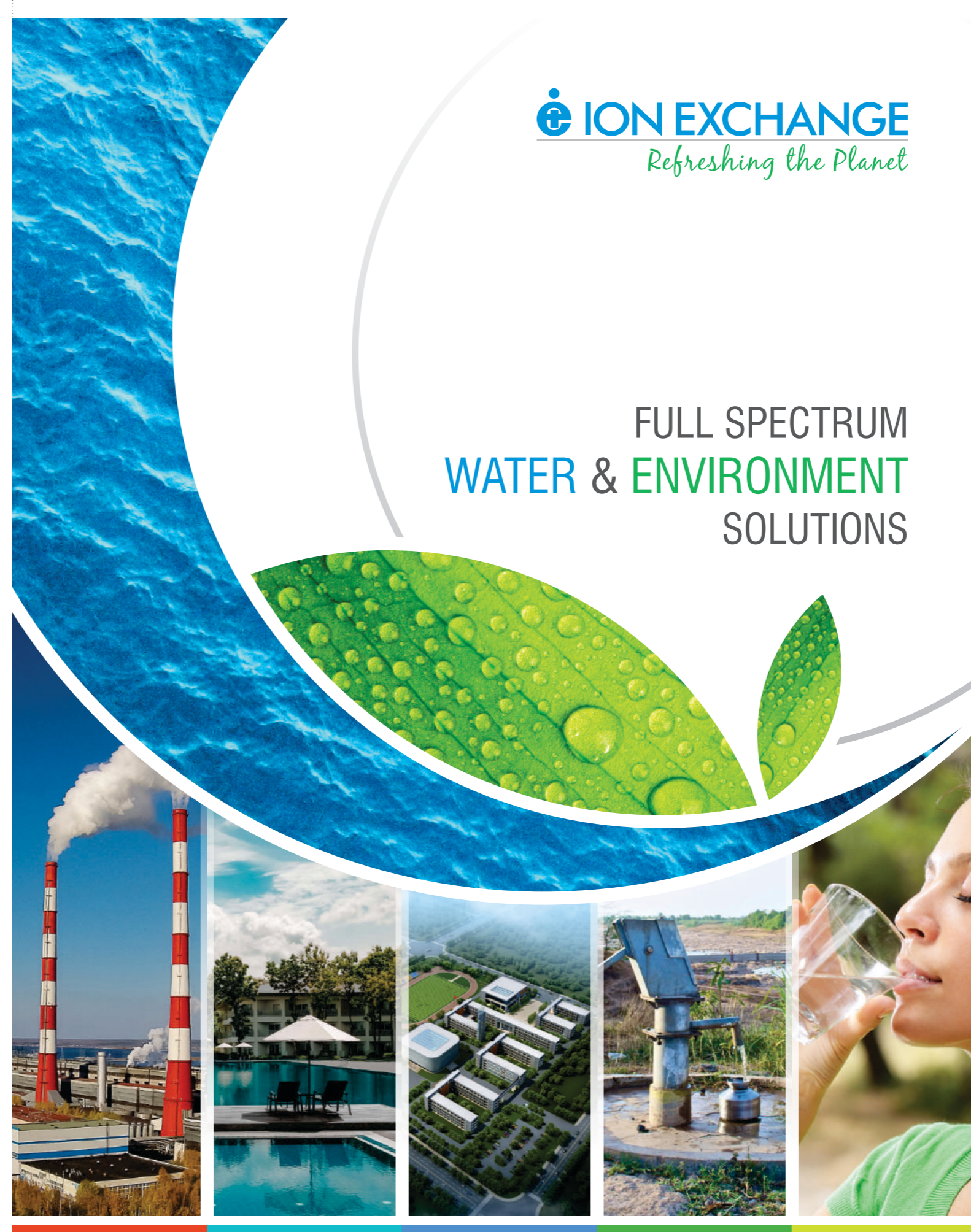
- Over five decades of domain expertise
- Widest range of value-adding, innovative technologies
- Thorough understanding of our customers' processes
- Largest service network in water treatment industry in Asia
- State-of-the-art applications laboratory, research & development centres and ISO 9001, 14001 & 45001 certified manufacturing facilities

**Full Spectrum Solutions,
 Single Point Responsibility**

Our 360° solutions add value across the entire water circuit – on supply, quantity, quality, cost, conservation, discharge and environmental fronts.

Assuring our customers of:

- Lowest water consumption
- Substantial savings on fresh water costs
- Water security in an increasingly water scarce scenario
- Compliance with regulatory consumption and discharge norms
- Creative ownership options such as BOO/T & lease



ION EXCHANGE (INDIA) LTD.

Corporate Office

Ion House, Dr. E. Moses Road, Mahalaxmi,
 Mumbai - 400011 | Tel: +91 22 6231 2000
 E-mail: ieil@ionexchange.co.in

International Division

R-14, T.T.C MIDC, Thane - Belapur Road, Rabale,
 Navi Mumbai - 400 701 | Tel: +91 22 6857 2400
 E-mail: export.sales@ionexchange.co.in

Regional and Branch Offices

Bengaluru | Bhubaneswar | Chandigarh | Chennai
 Delhi | Hyderabad | Kolkata | Lucknow | Vadodara
 Vashi | Visakhapatnam

Overseas Offices

Bangladesh | Canada | Indonesia | Kenya
 Malaysia | Oman | Portugal | Saudi Arabia | Singapore
 South Africa | Sri Lanka | Tanzania | Thailand | UAE | USA

Manufacturing Units

India - Ankleshwar | Hosur | Patancheru | Rabale | Verna | Wada Overseas - Bangladesh | Indonesia | Saudi Arabia | UAE

www.ionexchangeglobal.com



SPANNING EVERY SECTOR

Serving Every Sector with Single Window Solutions

Our specialist expertise coupled with thorough understanding of our customers' processes enables us to provide integrated solutions that address their individual requirements, totally.

Industrial

- Automotive
- Brewery & Distillery
- Cement
- Chemical
- Construction
- Fertiliser
- Food & Beverage
- Mineral & Mining
- Oil & Gas
- Pharmaceutical
- Pulp & Paper
- Refinery & Petrochemical
- Semi-conductor & Micro-electronics
- Steel
- Sugar
- Textile
- Power
- ...and many more

Institutions & Commercial Complexes

- Defence
- Educational Institutions
- Hospitality
- Hospitals
- Laboratories
- Offices & Malls
- Railways

Communities & Municipalities

- Urban
- Rural

Realty

- Residential Complexes: Apartments / Bungalows
- Point-of-use – Zero B

Management of Process Water

- Cooling & boiler water treatment & management
- Complete range of products for scaling, corrosion, fouling & bio-control management
- Cleaners & disinfectants for process equipment
- Remote monitoring, measuring & control systems

Speciality Resins / Adsorbents / Membranes for Purification & Concentration

- For industries such as F&B, dairy, textile, brewery, pharma, biotech, etc.

Speciality Process Chemicals

- For paper, sugar, mining, oil refining, etc.

Speciality Enzymes

- For sugar, paper, etc.

Industrial Waste Water Treatment / Recycle & Zero Liquid Discharge

- State-of-the-art biological & advanced treatment processes for complex effluents – ASP, SBR, MBBR, MBR, UASB, CSTR, AOP
- Recycling systems incorporating ultra filtration, reverse osmosis, forward osmosis, multiple-effect evaporator
- Range of polyelectrolytes for colour, COD, TSS removal, etc.
- Selectively adapted bacterial cultures

Drinking Water Treatment

- Drinking water purification systems for industry, communities, urban & rural
- **ZERO B** point-of-use drinking water purifiers
- Full range of processes - membrane / non-membrane / non-electric
- Salinity, fluoride, nitrate, arsenic, iron & manganese removal systems
- Disaster management units (DMUs)

Process Water Treatment - Ion Exchange & Membrane Based

- Complete range of standard & customised ion exchange process equipment - softeners, dealkalisers, demineralisers
- Membrane systems - micro filtration, ultra filtration, nano filtration, reverse osmosis
- Electrodialysis reversal, electrodeionisation, electrocoagulation
- Condensate polishers, deaerators

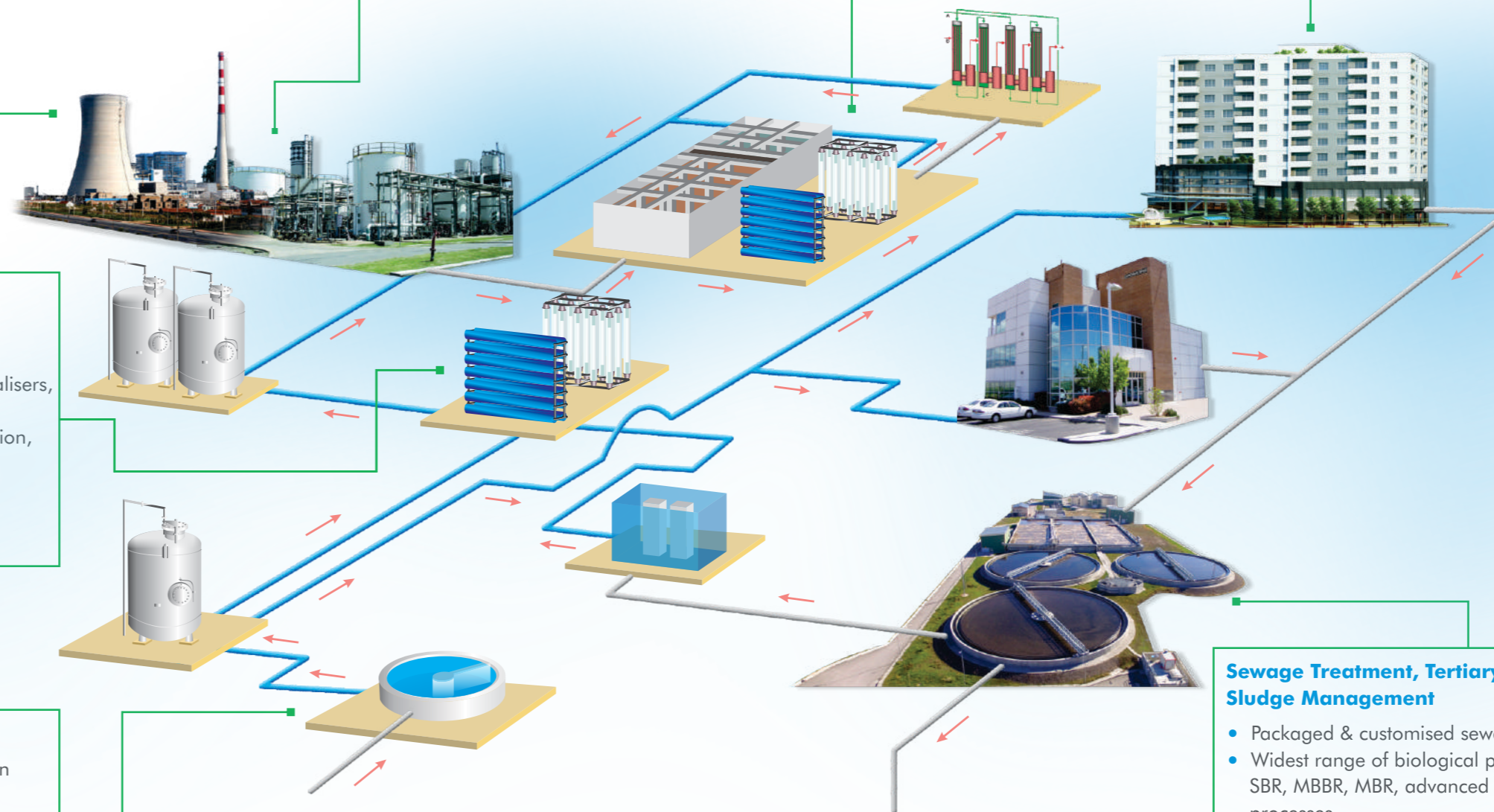
Pretreatment

- Full range of advanced clarification and filtration equipments
- Feed water pretreatment chemicals including flocculants, coagulants, antiscalants
- Complete range of feed water disinfection equipment including on-site hypo generation, chlorine dioxide generators, ozone generators, ultra violet equipments

Services

- O&M, service contracts
- Water audits, consultancy
- Pilot studies, R&D, feasibility studies
- Plant upgradation, automation, rehabilitation
- Water systems on BOO/T
- Integrated facility management
- Supply of genuine ion exchange resins, membranes, adsorbents, RO antiscalants, cleaners, effluent treatment chemicals and critical spares

24/7
service



Sewage Treatment, Tertiary Sewage Recycle & Sludge Management

- Packaged & customised sewage treatment systems
- Widest range of biological process systems – SBR, MBBR, MBR, advanced anaerobic treatment processes
- State-of-the-art biological nutrient removal (BNR)
- Tertiary treatment systems incorporating range of membrane processes

Waste-to-Energy

- Conversion of municipal solid waste-to-energy