

# **PRESS COVERAGE**

**April 2018**



## Ion Exchange launches India's first ANDICOS WtE plant

Industry leaders in water and environment management, Ion Exchange (India) Ltd; today launches and commissions India's first ANDICOS Waste to Energy system in Hyderabad, Telengana. ANDICOS is a joint initiative of Ion Exchange in collaboration with Belgium headquartered VITO and Europem.

The ANDICOS design integrates state-of-the-art technologies like INDION IPC MBR and INDION Advanced Bio-methanation process. INDION IPC MBR treats raw sewage and produces purified water that can be reused. The sludge generated in the INDION IPC MBR process is then combined with organic kitchen waste generated in homes and communities in INDION Advanced Bio-methanation process. Thus, the ANDICOS system recovers purified water, renewable energy and organic fertiliser from liquid and solid waste.

The ANDICOS Waste to Energy plant can be built modularly for centralised and decentralised uses and can also be customised for large municipal installations. The first ANDICOS Waste to Energy plant has been set up at AkshayaPatra in Hyderabad to treat waste water and organic waste from its new and fully automated kitchen. The ANDICOS Waste to Energy plant has a capacity to treat approximately 1000 kgs of organic kitchen waste and 2 - 6m<sup>3</sup> of sewage sludge on a daily basis and will generate approximately 20 KW/H of electrical power along with 1.35 tonnes of rich organic fertiliser per day.

On launching the company's first Waste to Energy plant in India, Rajesh Sharma,



CMD, Ion Exchange (India) Ltd said, "For over 50 years, Ion Exchange has been innovating water and waste treatment solutions. We have been preferred and trusted partners to diverse sectors like Oil & Gas, Power, Automobile, Textile, Food Processing, Pharmaceuticals and many more. We have been researching and developing the ANDICOS system and technology for over two years. All our solutions and systems are based on the most advanced technologies available across the globe. This allows us to provide our clients with customised need based systems that are versatile and performance oriented."

Also present at the launch of the project, Ajay Popat, President, Ion Exchange (India) Ltd said, "There is a strong need to consider and implement solutions that promote sustainability. Water shortage has been



a major concern and this is only followed by the problem of untreated waste. The new ANDICOS plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser that can be used thereafter. Simultaneously, the plant also can be integrated to treat sewage making it a complete and all round solution. We are certain that this new technology will add

value and promote sustainable development across the country."

### About Ion Exchange (India) Ltd

A pioneer of water treatment in India with a legacy spanning over five decades, Ion Exchange (India) Limited is recognised internationally as a premier company in water and environment management. Ion Exchange is among the largest environment solution providers, one of very few companies worldwide with a complete range of technologies, products and comprehensive 24/7 service support. This enables the company to offer total solutions for every sector of society – industries, homes and communities. Specialists in water and waste water treatment, Ion Exchange offers total water and environment management solutions for all sectors – infrastructure, industry, institutions, municipal, homes and communities, urban and rural.

360° environment management adds value across the entire circuit – from influent water through potable and industrial process water to effluent/sewage treatment and water recycle for zero discharge at waste to energy projects for solid waste management.

For more details visit  
Website: [www.ionindia.com](http://www.ionindia.com)



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On launching the plant in India, Rajesh Sharma, Chairman and Managing Director, Ion Exchange (India) Limited said, "For over 50 years, Ion Exchange has been innovating water and waste treatment solutions. We have been preferred and trusted partners to diverse sectors like Oil & Gas, Power, Automobile, Textile, Food Processing, Pharmaceuticals and many more. We have been researching & developing the ANDICOS system and technology for over two years. All our solutions and systems are based on the most advanced technologies. This allows us to provide our clients with customised need based systems that are versatile & performance oriented." ■

