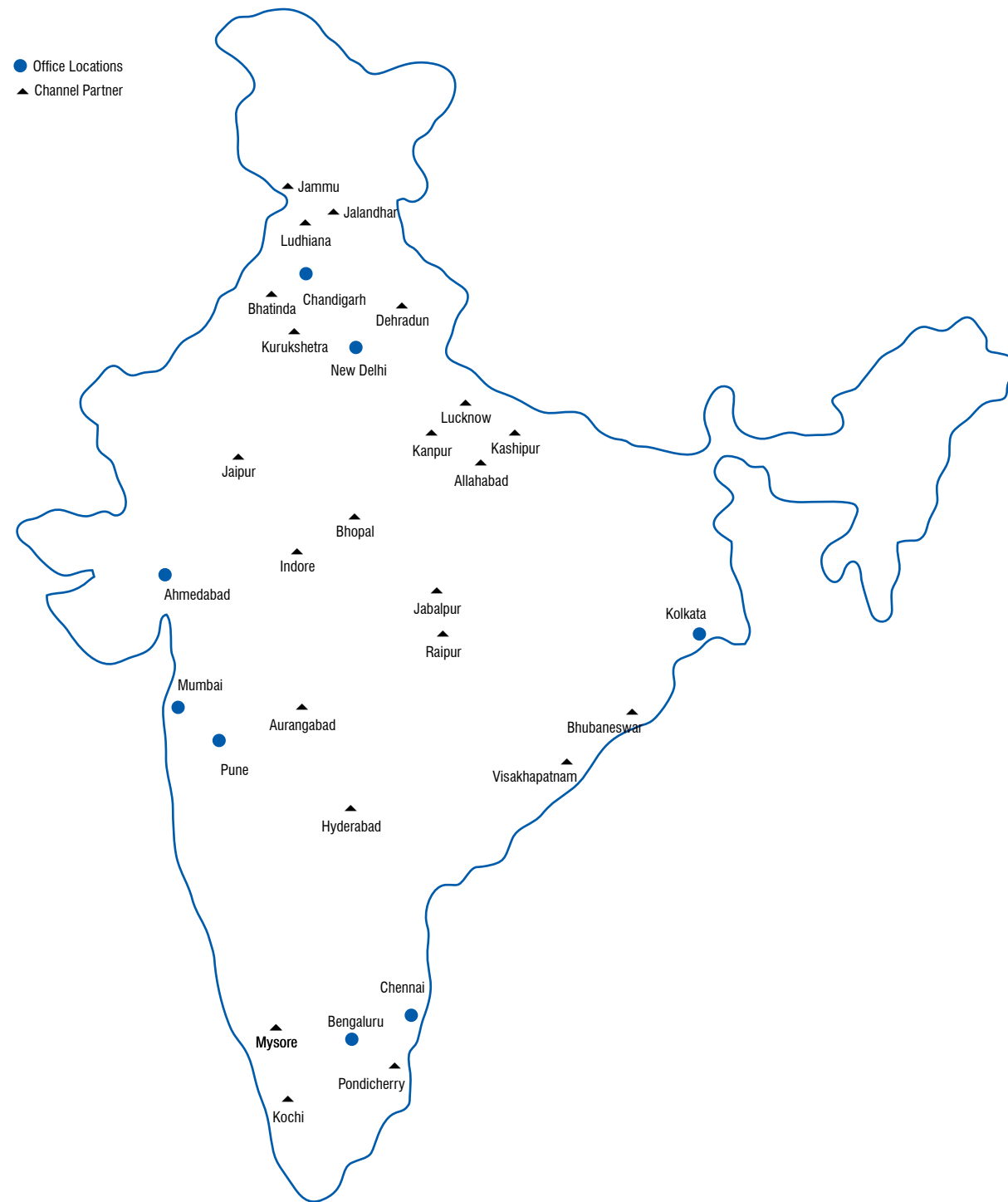


## Evolving Solutions for Hatcheries



# Total Water Mangement for Hatcheries


As the poultry industry evolves into one of the fastest growing segments in the Indian food industry, improving production quality is essential. Water is a critical nutrient in bird metabolism and nutrition. From a physiology perspective, water consumed by the bird is used for nutrient transportation, enzymatic and chemical reactions in the body, body temperature regulation, and lubrication of joints and organs. Poor water quality may interfere with digestion and subsequent health of the birds. There are different means of Water purification that are being used in industries like Demineralization, UV, Softening etc. But, over the years with Advancements in Water treatment technologies, Reverse Osmosis has been now preferred over the other means of Water purification. RO is globally accepted to be the most cost effective technology for water purification from both organic and inorganic solutes.

Poultry farms also generate large capacities of Wastewater. The quantity of wastewater discharged from processing operation in a poultry plant may range from 5 to 10 gallons per bird. Poultry Wastewater is highly organic in nature with high BOD , Suspended solids and floating material. So wastewater treatment based on the type of suspension is a must for disposal. Therefore, adequate water and wastewater treatment based on the suspension is indispensable for maximizing efficiency in a Poultry farm.

Fontus Water, an Integrated Water treatment and Wastewater treatment solutions provider, brings customized solutions for all your treatment needs. Whether you are in need of Water treatment products such as RO, Filters, Softeners or Wastewater treatment, Fontus Water offers solutions for all your Water needs. with a team of over 200 water professionals operating out of 12 cities, Fontus Water provides a Pan-India Sales and Service network with a dedicated team to operate and maintain the plants for its customers. Fontus Water continually extends and enriches its offering, to guarantee expertise at every step of the project it undertakes.

## Typical Installations

Feed Water



» Problem Areas:

» Foul Odour

» Suspended Solids

» Salinity

» Microbial Contamination

» Fontus Solutions


» Reverse Osmosis

» UV Systems

» Filtration

» Softening

Wastewater



» Problem Areas:

» Suspended Solids

» Dissolved Salts

» Meeting Environmental Discharge norms

» High Fresh Water consumption

» Odour

» Fontus Solutions

» Wastewater treatment plants

» Water Recycling


## How does a RO work?

Reverse Osmosis is a filtration method that removes fine molecules and ions from water by applying pressure to the solution when it is on one side of a selective membrane. For applications where water quality is critical, RO technology produces high purity water by screening out dissolved salts and other contaminants. It effectively removes all dissolved salts, sugar, bacteria, viruses, pyrogens, proteins, dyes and both organic & inorganic solutes. It can improve the color, taste and other properties of feed water. The feed water flows parallel to the membrane instead of perpendicular to it. So the reject water sweeps the rejected salts away from the membrane surface ensuring that the pores do not get easily clogged.




Therefore, based on the quality of the Water , RO is the best technology for treating Feed Water.

# Our wide variety of Offerings


## Water Treatment in Hatcheries



## Our Offerings

Projects	Products	Chemicals, Consumables & Services
<div>» Our Range</div> <div></div> <div>Fontus Water designs water &amp; wastewater treatment systems tailored to our customer's requirements. With our Advanced Technical Strength, Modern Design Capability and Strong Project Management Skills we are seen as a leading turnkey solution provider in water and wastewater treatment.</div> <div><div>» RO</div><div>» Softening</div><div>» Demineralisation</div><div>» Water Recycle</div><div>» Filtration</div><div>» Pressure Boosting</div><div>» Sewage Treatment</div></div>	<div>» Our Range</div> <div></div> <div><div>» Reverse Osmosis</div><div>» Softeners</div><div>» Filters</div><div>» Demineralisers</div><div>» Constant Pressure Boosters</div><div>» Electrochlorinators</div><div>» Ozonators</div><div>» Dosing Systems</div><div>» Water Reuse/ Recycle</div><div>» Grey water Treatment</div></div>	<div>» Our Range</div> <div></div> <div><div>» Water Treatment Chemicals</div><div>» Ion Exchange Resins</div><div>» Filter Media</div><div>» Membranes</div><div>» FRP Vessels</div><div>» Filter Cartridges</div><div>» Housings</div><div>» Dosing Pumps</div><div>» Operation &amp; Maintenance</div><div>» Annual Maintenance Contracts</div><div>» Service On-Call</div></div>

## Fontus Service Advantage



» Prompt Customer Service

» Wide Choice Of Services

» All India Network

» Quick Response Time

» Reduced Maintenance Cost

» Water Quality Audits

## Some of our Valued F&B Clients

