

# Our Commitment to Environmental, Social, and Corporate Governance

Water and energy scarcity are here today, increasing the urgency for bold leadership. We view sustainability as a fundamental responsibility and an important strategic priority that touches every aspect of our business. ChemTreat recognizes the important role of effective water management in reducing greenhouse gas emissions, and we are committed to helping our customers reach their sustainability goals through advanced water and process treatment solutions. Together we can continue protecting the world's precious resources.





# Putting ESG Principles into Action

Our experts work closely with our customers to quantify water-related risks, set targets, take action, and track performance, helping them meet their ESG goals. We offer advanced water treatment options, programs to reduce water and energy usage, and monitoring and reporting tools to track ESG metrics and improvements.

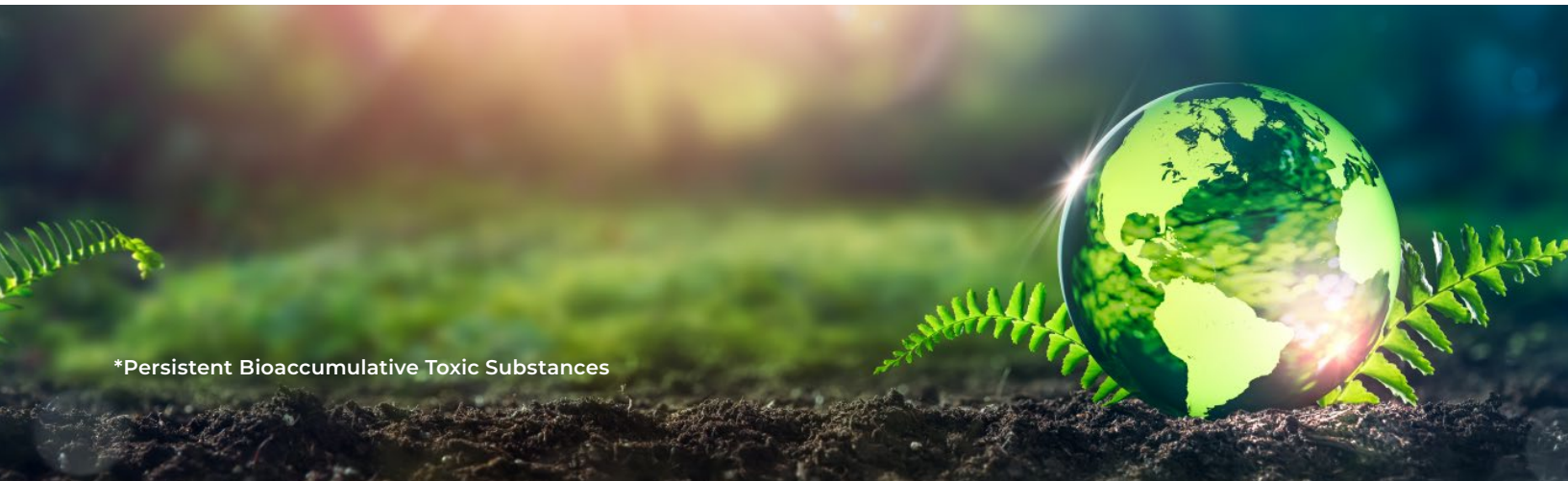


## Innovation Defines our Future

Our R&D team is continually developing new chemistries and improving existing solutions to help customers meet increasingly ambitious environmental goals. Our recent innovation includes:

- **Phosphate-free and zinc-free cooling corrosion and scale inhibitors**
- **Non-metal and non-PBT\* chemistries**
- **Advanced formulations to reduce water usage and handle challenging issues such as high LSI and silica concentrations**
- **Solid chemistries to help decrease carbon footprint and reduce exposure**
- **Natural coagulants to replace oil-based products for wastewater treatment**
- **Products for toxic chemical and heavy metals removal**
- **Products for removing TOC/BOD in effluent**

\*Persistent Bioaccumulative Toxic Substances



## Measurable Environmental Impact

Our industry experts will support your ESG projects by documenting water and energy savings as well as carbon emissions reductions. Our ingenuity and applications expertise can assist with:

- **Increasing cycles of concentration to minimize blowdown in cooling towers and boilers**
- **Improving heat transfer across heat exchangers to reduce fan energy and cooling water usage**
- **Applying reverse osmosis antiscalants to increase recovery rates, reduce concentrate flows and energy, and extend asset life**
- **Measuring and reducing corrosion rates to improve performance and extend asset life**
- **Implementing smart controllers and solid water treatment chemical feed**
- **Providing consultation and treatment programs for water reuse projects**
- **Helping facilities achieve zero-liquid discharge**
- **Running cooling towers at higher pH to reduce acid usage and CO<sub>2</sub> emissions**

## LEED Credit Assistance

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is the worldwide standard for the design, construction, and operation of green buildings. The LEED rating system is designed to help maximize operational efficiency while minimizing environmental impact.

**ChemTreat can help you earn LEED points in several areas, such as:**

### Water Management

Comprehensive water management programs to help you maintain reliable heat transfer systems and improve water usage efficiency. Our programs not only help you significantly reduce energy consumption but also improve the quality of indoor environments.

### Operational Innovation

Significantly reduce the resource requirements and carbon footprint of your water treatment program. Our programs are designed to extend asset life and optimize dosing and control of water treatment applications.

## Intelligent Water Management

Our CTVista®+ cloud-based, intelligent water management platform enables monitoring and control of your water treatment programs by providing:

- Data management
- Analytics
- Reporting
- Real-time guidance

CTVista®+ helps you make real-time, data-driven decisions. It's a dynamic way to manage and optimize critical water treatment operations and help you track and report on your ESG metrics.



## Condenser Performance Monitoring

As part of the CTVista®+ software, we offer a condenser performance monitoring program to help you maintain your condenser systems. Improving condenser efficiency can help you reduce carbon dioxide emissions.

## Automation and Control Equipment

ChemTreat's Solutions® is our very own line of advanced water control equipment, which works seamlessly with CTVista®+. Our portfolio of software and hardware solutions allows you to remotely monitor and control your water treatment programs.

CTSolutions® can help you:

- Decrease water and chemical usage
- Optimize treatment levels
- Improve response time to system upsets to preserve asset reliability

## Customer Education Programs

- Team training to assist customers with water management program startup
- Seminars and workshops to communicate best practices and new technologies
- Audit programs to enhance operational efficiency and highlight cost savings opportunities

