



# A Chemical Industry View through an EHS&S Lens

An Environment, Health, Safety and Sustainability Market Update by Antea™ Group | June 2012



*In an effort to bring additional value to The Chemical Company network, Antea Group will provide quarterly contributions to "View from Jamestown" focused on topical and industry current environment, health, safety and sustainability (EHS&S) issues. In this edition, we will explore how management systems can benefit business and be a competitive advantage in the marketplace.*

**Working everyday to formulate, store and transfer chemicals can create a variety of EHS&S challenges. From product development to legacy site management, the detailed information and processing necessary to achieve full compliance can be overwhelming.**

To address these numerous compliance laws and regulations, industry standards have been developed, including ISO 14000 and OHSAS 18000, as well as management system program initiatives such as the American Chemistry Council Responsible Care® and the SOCMA ChemStewards®. These third-party certified programs utilize the "Plan-Do-Check-Act" model and through a continuous improvement process, they significantly enhance company performance, help to discover new business opportunities, improve employee safety and protect the health of the communities in which they operate.

EHS&S management systems such as Responsible Care® and ChemStewards® are a proven benefit. Where the challenge lies, is with the development, implementation, maintenance and improvement of the systems. How will tasks be assigned? How will everyone have the information they need to facilitate this process? Discussions and planning need to be had around software compatibility and functionality, what data should be tracked, control of documentation, and training, system roll-out and user adoption. All of these can be critical and complex steps that an online EHS&S management system can help you manage.

Recently, W. R. Grace proactively began managing their EHS&S issues through the deployment of iEHS®, a robust, configurable and flexible information management system specifically designed for corporate EHS&S management. iEHS®, a web-based solution designed by practicing EHS&S professionals, enabled Grace to catalog all their key information and tasks systematically. Through internet hosting, a secure EHS&S management system relieved Grace of the internal IT expense of developing and maintaining a system themselves. With a function-specific module for audits, Grace uses iEHS® to catalog corrective actions, make assignments and track completed tasks at their facilities worldwide, ensuring global compliance and proper risk management.

Online EHS&S management systems can help you defray costs and facilitate compliance. Not sure if you can document 100% compliance at all times? Then, consider an online EHS&S management system to help lead the way.

*For more information about EHS&S management systems and how they can support you in achieving your business objectives while realizing increased operational efficiencies with fewer resources contact Antea Group. iEHS® is a proprietary, fit-for-purpose, web-hosted software developed by EHS and information technology experts of Antea Group.*

## About the Author

Mike Resh is a Senior Consultant and Specialty Chemical Segment Leader for Antea Group. With over 23 years of experience, Mike provides expertise in environmental management systems, regulatory compliance and ISO14000 for chemical industry companies.

Contact Mike at +1 610 850 4203 or [mike.resh@anteagroup.com](mailto:mike.resh@anteagroup.com).

## About Antea Group

Antea Group is an international engineering and environmental consulting firm specializing in full-service solutions in the fields of environment, infrastructure, urban planning and water.

By combining strategic thinking and multidisciplinary perspectives with technical expertise and pragmatic action, we do more than effectively solve client challenges; we deliver sustainable results for a better future.

With more than 3,000 employees in over 100 offices around the world, we serve clients ranging from global energy companies and manufacturers to national governments and local municipalities.

For more information, visit [www.anteagroup.com](http://www.anteagroup.com).

**Antea Group is a member of SOCMA and an active participant on the SOCMA Environmental Committee.**