

## **HESNI Educational Presentation**

### **Presentation Summary 2010**

#### **Company Name**

The Tremco Group

#### **Presentation Title**

Sustainability Starts At The Top

#### **Program Overview Description**

Across the United States all industries are facing increasing pressures to create High Performing Sustainable Buildings. The Federal Government is ramping up the pressure to reduce energy consumption in order to become “energy independent”. In addition, the United States is expanding its legislative efforts to reduce Greenhouse Gases, reduce water waste and create sustainable buildings. To have a successful program, all of these goals have to include the building envelope as part of the solution.

So, how is the Healthcare Industry going to fund these Sustainability programs? That continues to be the key challenge across the country. In 2008, CMS reported that hospitals in the HESNI region have an average age of plant of 15.1 years and they experienced an operating LOSS of (-7.4%). According to ACHE, CEOs still consider finances their top concern. As a result, Hospital managers will have to look at the building as a system in order to make a significant impact.

This session outlines strategies to free up capital in order to create High Performing Sustainable Buildings for Healthcare Facilities.

#### **Learning Objectives**

- Identify the “overlooked” opportunities utilizing the building envelope.
- Provide information that links the physical environment to patient satisfaction.
- Provide a process on how a building can be a Revenue Generator for Sustainability initiatives.

#### **Speaker Bios**

**Todd D. Smith, CEM, CSDP** is a Certified Energy Manager and Certified Sustainable Design Professional through the Association of Energy Engineers. He is also an active member of ACHE, HFMA and ASHE. His background also includes senior positions with Duke Energy and Trane where he developed solutions to improve profitability and reduce risk for Fortune 500 companies and Healthcare systems. Presently, he is the Healthcare Sales Manager for Tremco, Inc., based in Beachwood, Ohio, which provides facility solutions to Healthcare systems that improve profitability, reduce risk and improves patient satisfaction. He received his Bachelors degree in Mechanical Engineering and his MBA from the University of Dayton.

#### **Joanne Rodriguez, CSI, CDT, USGBC LEED AP**

Since 1992 I have been actively involved with the construction products industry as it relates to building facades and building envelope waterproofing. It has been a personal goal to actively promote sustainable building practices in every role I have been involved with—including the promotion within the concrete industry to move to slag mixes and self-consolidating concrete mixes in an effort to ease the burden on raw materials and water consumption. Education increasing the awareness of durability in construction processes and materials will continue to be the message I carry forward within the Tremco Group and the architectural community.

**John McCafferty, CSI, CDT**

Since 1994, He has been active in the roofing and building envelope weatherproofing products and services industry. His goal has been to deliver a level of customer commitment and technical expertise unsurpassed in the roofing and building envelope weatherproofing industry. His philosophy is “Quite simply providing solutions to clients roofing and building envelope weatherproofing needs. I do this by considering all options with a focus on sustainability and providing accurate complete information for proper decision making. My goal is to develop and maintain long-term relationships with my clients by becoming a valued resource.” John received his Bachelors of Science at the University of Wisconsin – Madison.

**Expert Qualifications**

Construction Specifiers Institute - Certified Document Technologist (CDT) - 1999  
Certified Technical Roof Consultant - 1994

**Professional Affiliations**

Construction Specifiers Institute (CSI) - 1999  
Association of Facilities Engineers (AFE) - 1995  
Health Care Engineers Society of Northern Illinois (HESNI) - 2005