



Fact Sheet about Get Moving!

-- A New Leadership Journey Presented by Girl Scouts of the USA and Trane
to Educate Girls on Energy Use and Conservation in Buildings --

About the Get Moving! Announcement

Announcing Get Moving!

Trane and Girl Scouts of the USA (GSUSA) announced a new educational program for Girl Scout Juniors (grades 4-5) on energy use and conservation in buildings, as well as science, technology, engineering and math (STEM) careers that are fun and can have a positive contribution to the environment.

Time, Place, Location

Announced at the U.S. Green Building Council's 2008 Greenbuild Conference and Expo at the Boston Convention & Exhibition Center, Nov. 18-22

Special Event

Girl Scouts Cadettes (grades 6-8) from Boston will conduct a preliminary energy audit of the Boston Convention & Exhibition Center

- November 18
- From 1-5:30 PM ET
- Location: Room 161

Details of Get Moving!

Leadership journey conducted as a troop over numerous sessions for girls in grades 4-5. Focus on energy use and conservation in buildings

- What is energy and energy efficiency
- Careers in energy efficiency including mechanical, energy and sales engineering
- Preliminary energy audit of the building where each Girl Scout troop meets using Trane Energy Analyzer™ software.
- Analysis of the results including environmental contribution
- Presentation of results to building management

About the Energy Audit

The heart of the journey is a preliminary energy audit of buildings where Girl Scouts gather. This could be a school, community center, library or other public building, and includes:

- Inviting building managers to their meeting
- Asking questions about the building's energy use
- Analyzing the results
- Calculating the environmental impact including carbon footprint
- Developing and presenting recommendations for making the building more efficient

Girls use Trane's Energy Analyzer software to conduct the audit. This is a Web-based tool designed to calculate and analyze energy use in commercial and institutional buildings.

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Get Moving! for Girls, the Field of Engineering, Buildings and the Environment

Trane and GSUSA

Together, Trane and GSUSA have embarked on a relationship to:

- Educate girls about energy and conservation in buildings to give them the guidance and tools to make a difference in commercial and public buildings today
- Address the U.S. engineering shortage by engaging girls in fun, STEM-related experiences during a pivotal age
- And use emerging science and engineering areas like energy and the environment to demonstrate to girls the potential impact of these careers in helping their community

U.S. Engineering Shortage

By the year 2010, the U.S. will have an 8 million person deficit of skilled-workers with the potential to increase to 14 million by 2020, particularly for engineers and technicians.¹

- By 2015, the HVAC industry will be short roughly 700,000 engineers with more than 70 percent of energy services companies expecting their future to be impacted by shortages of skilled personnel.
- Of the 20 fastest-growing occupations projected for 2014, 15 require mathematics or science preparation to successfully compete for the job.
- The number of engineering degrees awarded in U.S. is down 20% from 1985.

Girls and STEM

Girls are the single greatest untapped resource for engineering talent in the U.S. yet they make decisions on whether to pursue related careers by the time they're in the fourth or fifth grade.

- Girls and boys have same level of interest in science and math in the fourth grade; but by eighth grade, boys are twice as interested.²
- Women make up 12% the U.S. science and engineering workforce, but comprise approximately half of the workforce in general³
- Teachers and administrators operate under the assumption that girls aren't as proficient at math and science, steering them away from interest in those areas.⁴
- In a 2006 survey, the Society of Women Engineers found that only 10 percent of women said they considered engineering as a career option.

Commercial Building Energy Use

Commercial and public buildings are responsible for 60% of all energy created, second only to food processing, and ahead of cars / transportation

- Energy is the largest operating expense in a typical commercial building. And 35-65% of the energy used in buildings is for space HVACR⁵.
- Commercial businesses spend a total of \$24 billion annually on energy⁶.
- U.S. commercial buildings emit more than 1 billion metric tons of carbon dioxide per year.

Young Women and Sustainability

According to the Women's Environmental Network, women are generally more concerned about energy environment than men.

- 97% of women think government and industry are not doing enough to affect climate change.
- Almost 80% of women believe that they need more representation within STEM careers to address environmental and energy conservation issues.

Women spend more time than men in sustainability pursuits, are more likely to recycle, buy organic food and eco-labeled products, and place a higher value on energy-efficient transportation.

¹ The U.S. Bureau of Labor Statistics

² National Science Foundation.

³ Northwest Regional Educational Laboratory.

⁴ National Science Foundation

⁵ (ASHRAE)

⁶ BOMA in National Real Estate Investor, July 1, 2006).

About Girl Scouts of the USA

Founded in 1912, Girl Scouts of the USA is the preeminent leadership development organization for girls with 3.6 million girl and adult members worldwide. Girl Scouting is the leading authority on girls' healthy development, and builds girls of courage, confidence and character, who make the world a better place. The organization strives to serve girls from every corner of the United States and its territories. Girls Scouts of the USA also serves American girls and their classmates attending American or international schools overseas in 90 countries. For more information on how to join, volunteer, reconnect or donate to Girl Scouts, call (800) GSUSA 4 U (800-478-7248) or visit www.girlscouts.org.

About Trane

Trane, a wholly owned subsidiary of Ingersoll Rand (NYSE: IR), provides systems and services that enhance the quality and comfort of air in homes and buildings around the world. The business offers a broad range of energy-efficient heating, ventilation and air conditioning systems; dehumidifying and air cleaning products; aftermarket service and parts support; advanced building controls; and building and financing solutions including those that allow energy-efficient systems to pay for themselves through energy savings. Trane's systems and services have leading positions in premium commercial, residential, institutional and industrial markets; a reputation for reliability, high quality and product innovation; and a powerful distribution network. The business has more than 29,000 employees worldwide. For more information, visit www.trane.com and www.americanstandardair.com.

For more information, reporters may contact: Perri Richman, 732-319-1024, prichman@trane.com

OR, visit Trane and GSUSA at the Boston Convention Center booth #1210 from November 18-22 at the U.S. Green Building Council's Conference and Exhibition