



Green Newsletter
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IAPMO Emerging Technology Symposium

Those who were unable to attend the International Emerging Technology Symposium, a forward-glimpsing clearinghouse of ideas and solutions presented by plumbing industry leaders and co-convened by IAPMO and the World Plumbing Council on Aug. 19-20, will soon be able to view the entire event online.

A host of innovators and industry heavyweights gathered in Chicago to present future solutions to today's challenges within the manufacturing, engineering and trade industries as they pertain to water and energy conservation, sanitation and health, renewable energies and the sustainability of the environment. The two-day event presented an often sobering picture of dwindling resources, but offered great promise for the future, carried forward by an industry well prepared to lead the charge toward healing the planet.

"Our hopes and goals in approaching this symposium were to bring together the best and brightest minds in the plumbing industry, the experts in environmentally-conscious plumbing system design, installation and maintenance," said IAPMO Executive Director Russ Chaney, "but the level of determination and committed involvement we received from this top echelon of the industry was truly remarkable. It far surpassed my greatest expectations."

The international panel shared ideas and compared experiences based upon differing geographic and economic concerns, bringing to light a world in which one country's or continent's imminent crisis is another's triumph — and how the two can learn from each other.

"I think while people in the industry believe that water saving is very much on the mind of the U.S. public, I'm not quite sure it is," said Jeff Patchell, publisher of World Plumbing Review. "Only in the last 18 months in Australia, after more than a decade of trying, the penny has finally dropped; water efficiency is a mandatory thing going forward. I think (America's) tipping point may be two or three years away, but you'll know when it happens. All of a sudden, everything you're doing is almost imploding into one point that unless it's got a water saving aspect to it, you don't even try. I think (the U.S. plumbing) industry has to do everything it can to bring it together and work as one. This symposium has been a great start to that."

Stephen L. Johnson, the administrator of the U.S. Environmental Protection Agency, delivered a keynote address that was right on point, commending the organizers and participants for taking up the challenge on their own.

"As I look at it, it's one thing for policy makers in Washington D.C. to talk about the challenges of water quantity and water quality," Johnson said. "It's a whole different thing to have the leaders of both manufacturers and the actual installers taking hold and wanting to commit to these new technologies — new technologies that are good for the consumer, good for the environment and good for our economy."

A series of Webinars archiving the symposium will soon be available for viewing online at www.iapmo.org. In the meantime, please direct your Web browser to www.iapmovideos.com to watch interviews with participants, organizers and panelists conducted during the event. For more information, please contact Maria Sol Alba at (708) 995-3005 or Career.Services@iapmo.org.

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New Tentative Interim Amendment (TIA)

Ontario, Calif. (Aug. 29, 2008) — In accordance with the IAPMO Regulations Governing Committee Projects, IAPMO would like to announce that a Tentative Interim Amendment (TIA) to the 2006 edition of the Uniform Plumbing Code is being submitted for public comment. The TIA (Log No. 025-06) is on UPC, Section 403.1.

We invite all interested parties to review the proposed TIA and to respond by filling out the comment form located at [www.iapmo.org/code development / code development process / tentative interim amendment / initial public comment form for TIA 06-06/](http://www.iapmo.org/code%20development/code%20development%20process/tentative%20interim%20amendment/initial%20public%20comment%20form%20for%20TIA%2006-06/)

For more information or guidance, call Arturo Robles at (909) 472-4100 or direct your Web browser to www.iapmo.org.

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ISH-NA Sneak Peek!

Get a sneak preview of ISH-NA - watch "The Green Revolution in Plumbing & Heating", a 30-minute free Webinar that gives a preview of the extraordinary education programs taking place in conjunction with ISH North America in Atlanta, October 1-3, 2008. The Webinar features interviews with industry experts John Siegenthaler, IAPMO's Pete DeMarco, Mark Eatherton, and David Yates, and highlights their insights into the dynamic opportunities taking place with the green movement in our industry.

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"Zero-Net Energy" Buildings by 2025

In 2005, commercial buildings accounted for 18 percent of U.S. energy consumption. The U.S. Department of Energy (DOE) is hoping to change that over the next fifteen years with the launch of their Zero-Net Energy Commercial Building Initiative (CBI).

The goal is to drive cutting edge technologies and onsite renewable energy generation to create commercial buildings that generate as much energy as they consume.

Launched with the initiative was the establishment of National Laboratory Collaborative on Building Technologies Collaborative (NLCBT), which will allow the department and its five national laboratories to work closely on research, validation and commercialization efforts.

"DOE's Commercial Building Initiative and the Collaborative are urgently needed to accelerate innovation and market adoption in the field of high performance buildings," said Deputy Assistant Secretary Rodgers. "Now we are bringing to bear the unprecedented collaboration in scientific resources of five National Laboratories to bring about the needed transformation of the built environment, lower our carbon footprint in buildings and accelerate commercial deployment of clean, efficient building technologies."

Technology already exists to build a net-zero building, said Rodgers, but economically it's not feasible. Cost effective technologies today allow energy improvement consumption of around 30%. To bring the cost curve down, the DOE plans to launch a competition for development of a building that is 50% more energy efficient than current structures.

Earlier in the month, the department announced \$140 million in projects that will save an estimated \$13 million a year in energy costs at the department's own facilities.

[Read the DOE press release](#)

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Tough Green Building Ordinance Signed in San Francisco

San Francisco has a new green building ordinance that sets a tough standard for new construction as well as major renovations. Signed by San Francisco Mayor Gavin Newsom in August, the new standards will improve energy efficiency and reduce water consumption over the next four years in both commercial and residential buildings.

Starting in 2009, homes will be required to achieve 25 points from the Green Point rating system. By 2010, homes must demonstrate the home is GreenPoint Rated and must achieve a minimum of 50 Green Points. In 2012, the requirement is raised to 75 points. In November, high-rise residential buildings must include documentation that demonstrates LEED Certified or an approval equivalent. The requirement is bumped up in 2010, when buildings will need to achieve a LEED Silver certification.

The toughest requirements apply to large commercial buildings over 25,000 sq. ft. or buildings more than 75 feet high. Starting this November, permit applications must submit documentation to achieve LEED certification. The bar is raised significantly over the next few years, with LEED Silver required in 2009, and LEED Gold in 2012. These requirements will apply to major alterations as well.

Commercial buildings must also submit documentation to verify renewable on-site energy or purchase green energy credits. The requirement starts in 2011 for mid-size commercial buildings and in 2012 for large commercial buildings.

The requirements for commercial and high-rise buildings also include requirements for water efficient landscaping, with a goal of reducing potable water consumption by a minimum of 50 percent. Potable water use must be reduced by 20 percent until 2011, at which time the required reduction rises to 30 percent.

Standards are also in place for construction debris management, stormwater management, and requirements that designate adequate space for trash, recyclables and compostable waste.

According to the City's press release, the ordinance makes San Francisco the city with the most stringent green building requirements in the nation. The ordinance grew out of a city 2007 task-force report that recommended a comprehensive plan requiring energy-efficient technologies in construction and renovation projects.

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Bigger Fines for Water Wasters in Los Angeles

Los Angeles Mayor Antonio Villaraigosa has signed a new ordinance that doubles the fines for water wasters.

The ordinance is an attempt to crack down on water wasters to "meet increasing demand and to encourage water conservation" a city press release stated. The new ordinance comes after a failed voluntary program yielded only a 4 percent drop. The city hopes the increase in fines will help the city reach a more than 10 percent reduction in water use.

The new rules apply to residents and businesses. First time offenders are likely to get a warning, but repeat offenders will be fined on a scale depending on the rate and amount of water wasted.

Residents who leave the hose running or violate another item on an expanded list of "prohibited water usage" events can be charged \$50 for a first offense and \$100 for

additional infractions. Violations by businesses — restaurants serving water without asking for instance — could result in a \$50-200 fine for the first time offense.

Enforcement will be carried out by the LADWP's "Drought Buster Team." The LADWP has doubled its monitoring resources by bringing the total number on the Drought Busters force from six to 15.

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"GREEN" Bill Would Provide Incentives For Energy Efficiency

Rep. Ed Perlmutter (D-Colo.) has sponsored a bill aimed at making homes and businesses more energy efficient. The "Green Resources for Energy Efficient Neighborhoods" (GREEN) would provide incentives to lenders and financial institutions to offer lower interest loans and other benefits to Americans who build or buy energy-efficient homes, or who remodel their houses to make them more efficient. The bill also provides incentives for business and government entities.

The GREEN Act will help revitalize our economy by making energy efficiency practices more affordable, accessible, and achievable," said Perlmutter in a statement. "By prioritizing energy efficiency practices, we can ease the woes of homeowners, lenders, financial markets, builders, and our environment."

The bill passed the House Financial Services Committee last month and will be voted on by the full House this month. If it passes in the House, the bill will move on to the Senate for approval.

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Go Green! Register online for IAPMO's 79th Annual Education and Business conference at www.iapmo.org

Events Calendar:

ARCSA Annual Conference
September 16-18, 2008
Santa Monica, CA
www.arcsa.org

World Plumbing Conference
September 24-27, 2008
Calgary, Alberta, Canada
www.worldplumbing.org/2008.html

79th IAPMO Annual Education & Business Conference
Sept. 28 - Oct. 2, 2008
The Sheraton Atlanta
Atlanta, Georgia
www.iapmo.org

ISH North America
October 1-3, 2008
The Sheraton Atlanta
Atlanta, Georgia
www.usa.messefrankfurt.com

126th PHCC Convention
September 29 - October 4, 2008
Atlanta Marriot Marquis
Atlanta, Georgia
www.phccweb.org

WaterSmart Innovations Conference and Expo
October 8 -12, 2008
Las Vegas, Nevada
www.watersmartinnovations.com

**2008 ASPE Convention
and Engineered Plumbing
Expo**
October 25-29, 2008
Long Beach, California
<http://aspe.org/>

2008 World Toilet Summit
November 4-6, 2008
The Venetian Macao Resort Hotel,
Macau
www.worldtoiletevents.com

Ecobuild Fall & AEC-ST
December 8-11, 2008
Washington, D.C.
www.aeecobuildfall.com/

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