



**CLEANTECH NEWS BULLETIN, 09/09/09**

**VOL. 9**

Welcome to the latest edition of the Colorado Cleantech Industry Association's **Cleantech News Bulletin**. Thanks for taking the time to check out our newsletter. If possible, this week's bulletin is even more packed with information than the last edition! Please be sure to scroll to the end of the announcement so that you don't miss out on announcements for upcoming cleantech programs and events.

### WELCOME NEW MEMBERS

Please join us in welcoming the following new members to the CCIA community:

[Domani Sustainability Consulting LLC](#)

[CB Richard Ellis](#)

Cimco

[Go Smart Technologies, Inc.](#)

[Hogan & Hartson LLP](#)

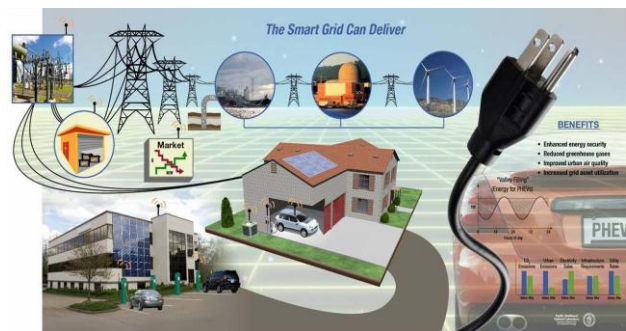
[Holland & Hart LLP](#)

[Click here for a full list of CCIA Members](#)

### CCIA SMART GRID SERIES, SESSION I SMART GRID: THE VISION - SEPT. 30, 2009

*Please join the Colorado Cleantech Industry Association and Fairfield & Woods PC on September 30, 2009, from 7:30—10:00 a.m. for the 1st in our 3 part smart grid series.*

Colorado is a unique center of excellence for smart grid deployments, research expertise and public-private collaborations. Smart grid technologies hold the potential to dramatically decrease energy consumption, reduce peak loads and tap Colorado's abundant renewable resources. When fully integrated, these technologies have the potential to fundamentally change the way we create, deliver and use energy. Please join us to hear from the technology leaders whose vision is driving the smart grid revolution.



**Hosted by Fairfield & Woods P.C.**

At the

**Denver Metro Chamber of Commerce**  
1445 Market Street, 5<sup>th</sup> floor, Denver, CO 80202

**Keynote Speaker:** Luke Clemente, General Manager, Smart Grid,  
General Electric Corporation

**Topic:** *Smart Grid: Enabler of the New Energy Economy*

**Panelists:** John LoPorto, CEO, PowerTagging

Carl Lawrence, CEO, Eetrex

Adrian Tuck, CEO, Tendril Networks

Clint Wheelock, Pike Research

**Cost:** Free for CCIA member companies, \$50 for non-members

**Registration is required**, please contact Shelly Curtiss at [shelly@coloradocleantech.com](mailto:shelly@coloradocleantech.com) to register.

This venue does have a space limitation so we will accept RSVPs on a first come, first serve basis. Please don't wait to register until the last minute!

Sponsored by:



## CLEAN ENERGY PATENTS REACH NEW HIGH IN Q2

The [Clean Energy Patent Growth Index \(CEPGI\)](#), published quarterly by the Cleantech Group at Heslin Rothenberg Farley & Mesiti P.C. provides an indication of the trend of innovative activity in the Clean Energy sector. Results from the second quarter of 2009 reveal the CEPGI to have a value of 274 granted U.S. patents which is the highest quarterly value since the tracking of the CEPGI began. The granting of patents by the United States Patent and Trademark (PTO) is often cited as a measure of the inventive activity and evidence of the effectiveness of research & development investments. Patents are considered to be such an indicator, because to be awarded a patent, it requires not only the efforts of inventors to develop new and non-obvious innovations but also successful handling by patent counsel to shepherd a patent application through the PTO. Thus, the granting of a patent is an indicator that efforts at innovation have been successful and that an innovation had enough perceived value to justify the time and expense in procuring the patent.

On the global scale, Japan led the world in patents granted with 75, California followed with 29, while Germany and Michigan tied at 23 patents granted.

### The components breakdown for patents granted:

Fuel cells - 156

Wind - 43

Solar - 36

Hybrid/electric vehicle patents – 20

Biofuel - 13

Geothermal – 2

Tidal/wave energy - 8

## MEMBER & INDUSTRY NEWS

### Colorado Cleantech News

9/9/09 – [Xcel flips switch to make Boulder First “Smart Grid City”](#), Source: Colorado Energy News

9/4/09 - [Stimulus Bill enables Eldorado Natural Spring Water to install 100KW solar electric system](#), Source: NewEnergyWorldNetwork.com

9/4/09 - [Defense Contractors Pursue the Smart Grid](#), Source: GreenTechMedia.com

9/3/09 - [Andy Paliszewski of Siemens Energy at the CCIA launch](#), Source: www.cobizmag.com

9/1/09 - [Recovery Act Announcement: Treasury, Energy Announce \\$500 Million in Awards for Clean Energy Projects](#), Source: U.S. Department of Energy

9/1/09 - [New Colorado laws benefit tech investors, boost energy loans](#), Source: Denver Business Journal

9/1/09 – [Xcel Proposes Changes to Solar Rebate Program](#), Source: Colorado Energy News

9/1/09 - [One of World's Largest Tire Dumps, Located in Colorado, To Be Recycled](#), Source: CleanTechnica

9/1/09 - [Khosla Funds Raise \\$1 Billion For Energy Projects](#), Source: Wall Street Journal

8/31/09 - [CSU researchers developing biofuels from algae](#), Source: cobizmag.com

8/26/09 - [Quick-change window puts RavenBrick in spotlight](#), Source: Denver Business Journal

## CLEANTECH INDUSTRY EVENTS

**[The Energy Commercialization Workshop Series, Session I - Biofuels Development and Scale-Up – The Truths, Myths and Real Risks, Session I - Sept. 21, 9:00 am – 1:00 pm. The Ritz Carlton, Denver.](#)** The Renewable and Sustainable Energy Institute (RASEI), Colorado Energy News, Colorado Center for Biorefining and Biofuels (C2B2) are hosting a new series of thought leadership workshops designed to provide a definitive, actionable market roadmap for participants. In an unprecedented cooperative program, this series brings together experts and stakeholders to develop a framework for thinking through and solving difficult but highly relevant business and commercialization issues in key energy sectors. Biofuels leaders from across all segments academia, research labs, start-ups and mature industry will meet to forge a framework for analyzing critical commercial scale up issues within biofuels.

**[2009 U.S. Coal Mine Methane Conference, Sponsored by US EPA's Coalbed Methane Outreach Program](#)**, September 30 – October 1, 2009, Millennium Harvest House Hotel, Boulder, CO  
The 2009 U.S. Coal Mine Methane Conference will feature experts on methane gas recovery and use from both government and industry, showcase the latest technological advances, provide expert discussion on legal and financial issues, examine intriguing case studies, and provide attendees with important networking opportunities.

**[Annual Energy Research Symposium and Seed Grant Competition](#)**, Boulder, CO, October 21, 2009  
To encourage the rapid growth of interdisciplinary and collaborative research, the University of Colorado at Boulder Renewable and Sustainable Energy Institute is sponsoring the Third Annual Energy Research Symposium. The main activity for the symposium will be a poster session in which faculty, research associates, graduate students and scientists display research projects and ideas for tackling energy and related climate change or sustainability issues. More importantly, participants can learn about related research interests and expertise on the CU campuses and at the NREL and other local federal laboratories.

**[RETool:Business Opportunities in Renewable Electricity](#), Denver Metro Chamber of Commerce – October 29, 2009 – Discount for CCIA Members!**  
Take advantage of a one-day executive education course on the essentials of renewable electricity offered by CU-Boulder and CCIA on Thursday, October 29 at the Denver Chamber of Commerce. For more information please visit: <http://Leeds.colorado.edu/RETool>

**[22nd NREL Industry Growth Forum, Golden, CO- November 3 – 5, 2009](#)**  
Join the ranks of sustainable energy companies who have gleaned windfall funding and focused expertise from within the catalytic atmosphere of the Forum. Working with the Forum will allow you to showcase your company to an audience of the world's leading energy investors, industry executives, and potential partners. If your company is looking for \$1 million or \$100 million in financing; this is the place for you! Presenting companies are selected by a committee that includes venture capitalists, investment banks, and energy experts from across the United States. The best presentations are awarded with cash prizes and in-kind technology consulting services from NREL.

**[Advanced BioEnergy 2009, Sacramento, CA – November 11 – 13, 2009](#)**

Advanced BioEnergy 2009 will explore emerging policies, business strategies, technologies and economics driving the bioenergy industry, promote cooperation between this burgeoning industry and traditional energy producers and offer paths forward.

## GET INVOLVED

**CCIA is your industry association.** Please help us provide you with the information, resources, programs and services you need to grow your business. Three ways to get involved:

- 1) **Program Development:** If you would like to help us develop programs, please contact Chris Shapard at [chris@coloradocleantech.com](mailto:chris@coloradocleantech.com)
- 2) **Committee Participation:** We are developing committees that will ensure membership in CCIA provides a tangible, valuable and ongoing benefit to Colorado's cleantech business community. If you would like to be involved, email Shelly Curtiss at [shelly@coloradocleantech.com](mailto:shelly@coloradocleantech.com)
- 3) **Lobbyists:** CCIA member companies can take advantage of the organization's DC lobbying team for advice and direction. Please call or email Chris to get connected: 303-623-2690 or [chris@coloradocleantech.com](mailto:chris@coloradocleantech.com)



# CCIA

Colorado Cleantech Industry Association

*The Colorado Cleantech Industry Association represents the interests of the state's cleantech industry. Our mission is to further establish Colorado as a world leader in clean technology by providing representation and advocacy, a unified voice, relevant programming and capacity development.*

## Industry-Led, Industry-Focused