

# Clean Energy Solutions Center and Global Buildings Performance Network

## Getting Building Codes Right: Lessons Learned on the Road to a Performance-Based Approach

December 11, 2013

Sean Esterly – Moderator

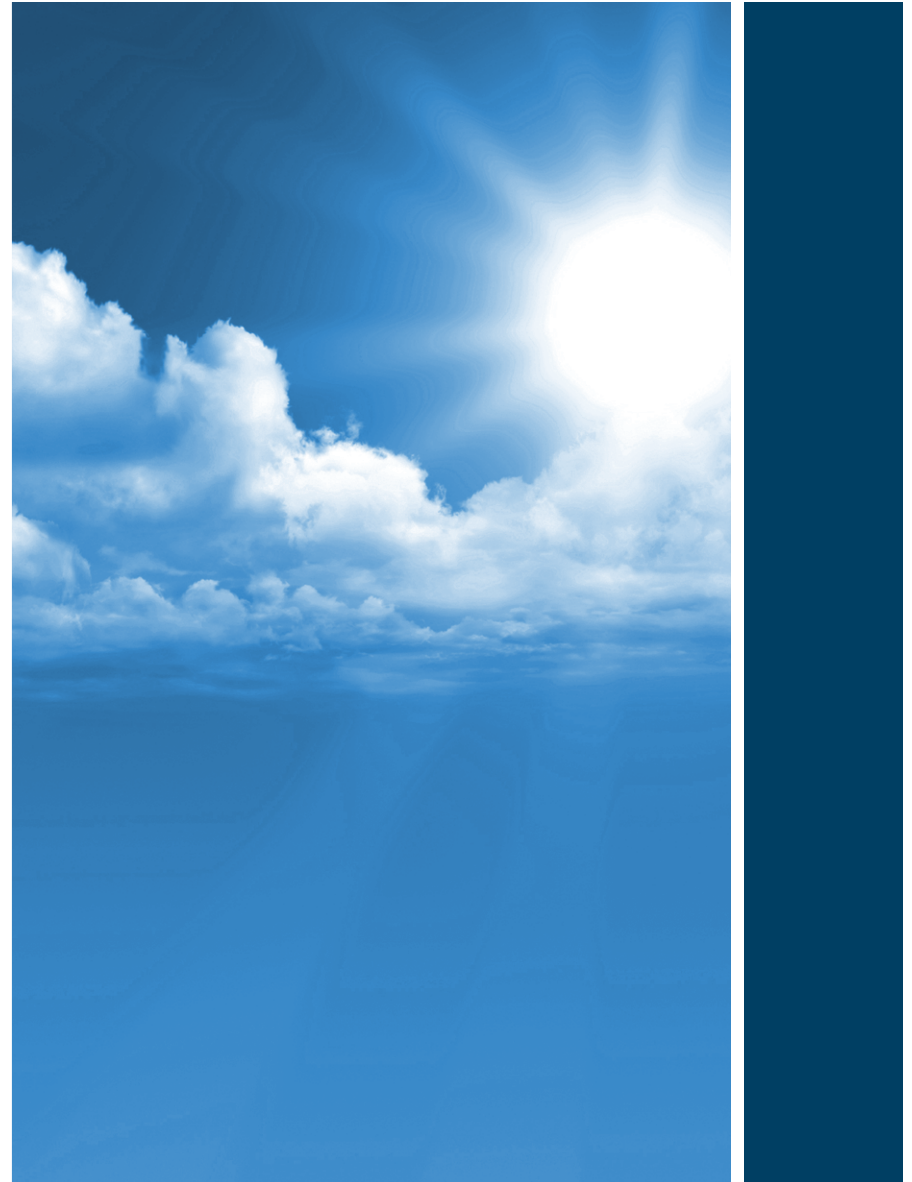
### Panelists:

Niamh McDonald, Global Buildings Performance Network

Jim Edelson, New Buildings Institute

Ian Finlayson, Massachusetts Department of Energy  
Resources

Christiane Egger, Deputy Manager of O.Ö.  
Energiesparverband, Austria



## Disclaimer

2

- *The Clean Energy Solutions Center does not endorse or recommend specific products or services. Information provided in this webinar is featured in the Solutions Center's resource library as one of many best practices resources reviewed and selected by technical experts*

## Two Options for Audio (select audio mode):

### 1. *Listen through your computer.*

- Please select the “mic and speakers” radio button on the right hand audio pane display

### 2. *Listen by telephone.*

- Please select the “telephone” option in the right-hand display, and a phone number and PIN will display.

### 3. *Panelists - Please mute your audio device when not presenting*

### 4. *Technical Difficulties:*

- *Contact the GoToWebinars Help Desk: 888.259.3826*

# Some housekeeping Items (continued)

4

## To ask a question

- **Select the ‘questions’ pane on your screen and type in your question**

## Having trouble viewing the webinar

- PDFs of the presentations can be accessed at <https://cleanenergysolutions.org/training/getting-building-codes-right-lessons-learned>

## A video/audio recording of this Webinar and the slide decks will be made available at:

- <https://cleanenergysolutions.org/training/getting-building-codes-right-lessons-learned>

# Agenda

5

- ✓ Welcome and Introductory Remarks
- ✓ Overview of the [Clean Energy Solutions Center](#)
  - **Sean Esterly**: National Renewable Energy Laboratory
- ✓ Presentations - Panelists:
  - **Niamh McDonald**, Global Buildings Performance Network
  - **Jim Edelson**, New Buildings Institute
  - **Ian Finlayson**, Massachusetts Department of Energy Resources
  - **Christiane Egger**, Deputy Manager of O.Ö. Energiesparverband, Austria
- ✓ Question and Answer
- ✓ Closing Remarks
- ✓ Survey

# Clean Energy Ministerial & UN Partnership Supporting the Solutions Center

6

- Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April, 2011 for major economy countries
  - One of eleven CEM Initiatives
  - Led by Australia and U.S. with other CEM partners
- Partnership with UN-Energy is extending scope to support all developing countries
  - Enhance resources on policies relating to energy access, small to medium enterprises (SMEs), and financing programs
  - Offer expert policy assistance to all countries
  - Expand peer to peer learning and training



# Clean Energy Solutions Center

<http://www.CleanEnergySolutions.org>

7

## Goals

- Serve as a first-stop clearinghouse of clean energy policy resources.
- Share policy best practices, data, and analysis tools across countries.
- Deliver dynamic services that will enable expert assistance, learning, and peer to peer sharing of experiences
- Foster dialogue on emerging policy issues and innovation across the globe.

## Target Audiences

- Primary:
  - Energy policy makers and advisors
  - Analysts
- Secondary:
  - Private sector companies,
  - Energy entrepreneurs and investors
  - Non Governmental Organizations
  - Civil society
  - Others engaged in clean energy





# Ask an Expert: Our Experts in Action

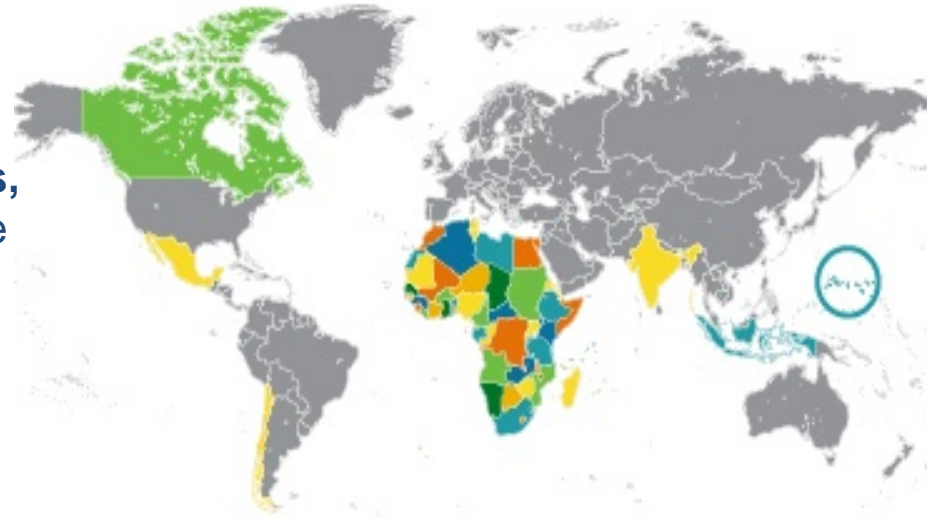
8



We connect you to a global network of energy experts for personalized attention and quick response technical assistance on **strategies, regulations, standards, financial incentives, and deployment programs** for a broad range of clean energy sectors and technologies including:



- Energy Efficiency
- Renewable Energy
- Energy Access
- Smart Grid
- Transportation
- Utilities



**Requesting Assistance:**

Register on <http://cleanenergysolutions.org/expert>



# How You Can Get Involved

9

- Request expert assistance or tailored technical resources for your country
- Participate in webinars, training activities, and policy networks
- Offer advice and suggest resources to share
- Register for our newsletter



# Niamh McDonald, Buildings Policy Analyst, Global Buildings Performance Network

10



**Niamh McDonald** is responsible for policy analysis and evaluation at GBPN as well as the development and management of a number of technical databases including the Policy Comparative Tool for new buildings. Prior to joining GBPN Niamh worked for The National Trust for Ireland on the delivery of an action-based energy efficiency programme for householders. As part of this work, she conducted research into the role of such initiatives in facilitating a transition to a more sustainable future. Niamh's past work experience includes research into various aspects of low carbon design while working for EcoCo an Integrated Sustainable Design Consultancy. She also gained valuable experience in the built environment sector while working with Energy Action an Irish community based initiative that addresses fuel poverty through energy efficiency.

Niamh holds a Bachelor's Degree in Civil Law (UCD) and a Master's Degree in Urban Planning (UCL).

# Jim Edelson, Senior Manager Codes and Policy, New Buildings Institute

11



**Jim Edelson** has worked at New Buildings Institute (NBI) since 2002 and is now directing the Codes and Policy program. He has served on multiple code boards and Advisory Committees in Oregon, Wisconsin, for the International Code Council, and for ASHRAE. For NBI, he has been at the forefront of national commercial energy code development. Since NBI's successful initiative in the 2012 IECC code cycle, Jim has made important contributions to revise the IECC and IgCC based on advanced energy measures and on increasing buildings' ongoing performance. These achievements correspond with Jim's contributions in multiple states and utilities to advance the implementation of market leading codes such as the Massachusetts Stretch Code. He has a B.S. and an M.B.A. from the University of Michigan.

# Ian Finlayson, Deputy Director of Energy Efficiency Division, Massachusetts Department of Energy Resources

12



**Ian Finlayson.** Ian's current clean energy initiatives include development and implementation of the "stretch" building energy code, and building energy labeling and efficiency pilots for both residential and commercial buildings. Ian authored the buildings chapter of the Massachusetts clean energy and climate plan for 2020. He previously worked for an affordable housing developer and internationally in Afghanistan and Japan. Ian holds degrees from Edinburgh University and MIT, and he is a past recipient of the DOE Jeffrey Johnson Award for Excellence in the Advancement of Building Energy Codes and Performance.

# Christiane Egger, Deputy Manager of O.Ö. Energiesparverband, Austria

13



**Christiane Egger** is Deputy Manager of the OÖ Energiesparverband, the energy agency of Upper Austria, and the manager of the Ökoenergie-Cluster, a network of 160 companies active in renewable energy and energy efficiency.

Christiane is also the Vice-President of FEDARENE, the European network of regional energy and environment agencies. She is the conference director of the World Sustainable Energy Days, one of the largest annual conferences in Europe on sustainable energy.

Christiane is an expert in energy efficiency in buildings, in solar and biomass heating and in promotion of sustainable energy production and use.

She holds a law degree and a post-graduate degree in environmental engineering.

Time for Q&A

14

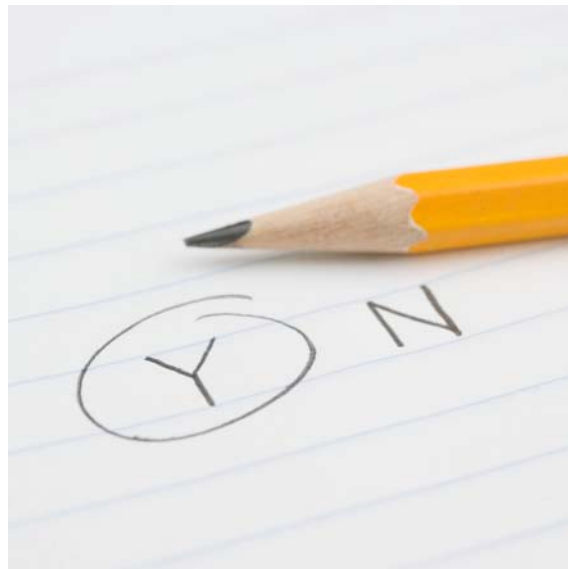
## Questions



# Survey

15

- How did we do?
- Your feedback is important!





Your participation is appreciated!

16

Thank you!

An audio recording of this Webinar will be available  
following the webinar

Please visit:

<https://cleanenergysolutions.org/training/getting-building-codes-right-lessons-learned>