



APP Net Zero Energy Home Workshop

September 22-23, 2009
Washington, DC

Key issues to be explored



Under the framework of the APP:

- Agree on a pragmatic approach for reaching internationally applicable definitions of net zero energy and net zero ready homes;
- Begin to develop an international industry community committed to raising awareness and accelerating the adoption of net zero energy homes through information sharing and concrete projects;
- Discuss key challenges that this international community could take on to address barriers to international acceptance and adoption of net zero energy homes (and potentially other types of buildings); and
- Discuss next steps in the implementation of a series of actions under the project, including community scale demonstrations, development of workshop modules or roadmaps, and technology diffusion and deployment (e.g., through workshops, webinars, and design charrettes).

Our guiding question

What does the Net Zero Energy Home future look like for the APP countries, and how can this workshop help spark a North American start to this journey?

AGENDA - Day 1

9:00 – 9:15	Welcoming Remarks
9:15 – 9:45	APP: Flagship Project and Workshop Objectives, Amanda Kramer, Environment Canada
9:45 – 10:30	Defining NZE: Jens Laustsen, IEA
10:45 – 12:15	Discussion: Challenges to International Adoption of NZE homes
12:15 – 1:00	Lunch, Speaker: Mark Ginsberg, USDOE
1:00 – 1:30	NZE Case Study: Tom Wade, Artistic Homes
1:30 – 3:00	Discussion: Overcoming the Challenges
3:15 – 4:00	Metrics for NZE Homes: Bruce Ringrose, ClimateCHECK
4:00 – 4:45	Discussion: NZEH Roadmap / Workshop Modules
4:45 – 5:00	Closing Remarks for Day 1

International Adoption of NZE

Issue - Stakeholder Map...

What are the key issues to consider to drive international adoption of NZE?

And what organizations and individuals, either inside or outside the building industry, can help our harmonizing efforts by leveraging existing strengths and practices?

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Working definition of NZE

Net zero-energy homes are highly efficient structures where the annual energy use is equal to or less than the energy production resulting from onsite renewable energy sources.

NZE Homes Coalition Definition: A net-zero energy home is capable of producing, at minimum, an annual output of renewable energy that is equal to the total amount of its annual consumed/purchased energy from energy utilities.

Overcoming the Challenges

Best practices, tools, programs, knowledge gaps...

How can we create a toolkit of widely applicable best practices and programs that will help APP member countries drive adoption of NZE?

What knowledge gaps can we identify, either within or across jurisdictions, that can be filled by the efforts of this and subsequent stakeholder consultations?

NZEH Roadmap

What are the **key** milestone moments that will help us as a group advance the NZE agenda?

How can we prioritize these milestones into short and long term goals?

What form of stakeholder engagement is best suited to both reaching and celebrating those milestones (workshop, charette, summit, report)?

AGENDA - Day 2

9:00 – 9:15	Review of Day 1
9:15 – 9:30	Establishing an NZE International Industry Community: Mark Ginsberg, USDOE
9:30 – 10:30	Panel: Areas of Expertise and Lessons Learned
10:45 – 12:15	Discussion: Establishing an NZE International Industry Community
12:15 – 1:00	Lunch
1:00 – 2:00	Discussion: Community Scale Demonstrations
2:00 – 3:55	Group work: Mobilization
3:55 – 4:00	Closing Remarks

International NZE Industry Community



- What will tomorrow's global dailies say about NZE and our efforts here today?
- What avenues for collaboration are emerging in order to build an international community of practice?
- What concrete approaches can we take to bring these opportunities to life?

Community Scale Demonstrations



- Drawing on the examples given by the panellists, can we begin to identify key criteria for demonstration projects?
- Are there common elements in programs like Building America and initiatives like Equilibrium™ that will inspire demonstration projects in APP countries?

Tactic Deep-Dive - Mobilization

Probing Question: Given our conversation to date, what action steps can we take for moving NZEH forward?

What is your action?:

How does it support our goals?:

What resources are required to make it happen?:

What stakeholder(s) & channel(s) are you targeting?:

What are the success measure(s)?:

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