



Commission for Environmental Cooperation of North America

**Regular Session of the Joint Public Advisory Committee 07-01
Green Building in North America: International Symposium**

**Seattle, Washington
2 May 2007**

Summary Record¹

The Joint Public Advisory Committee (JPAC) of the Commission for Environmental Cooperation (CEC) of North America hosted a public forum in conjunction with the Green Building in North America International Symposium, followed by its first Regular Session of the year. The main objective of the meeting was to obtain additional commentary on the background papers commissioned by the CEC Secretariat, which centered on the following four topics: Green Building Scenarios for 2030, Green Building Financing, Institutional Efforts for Green Building, and Accessible and Sustainable Housing. The information gathered at this session was incorporated in a report that was provided to the CEC Secretariat for its consideration. (Please refer to Annex A for a copy of the report)

This Summary Record reports on each agenda item, records all decisions made by the Committee and identifies action items and responsibilities. (Please refer to Annex B for the agenda and Annex C for the list of participants).

Previous summary records, advice from JPAC to Council and other JPAC-related documents may be obtained from the JPAC liaison officer or through the CEC's website at <<http://www.cec.org>>.

Welcome by the JPAC Chair, Irene Henriques

The JPAC Chair welcomed the participants to this portion of JPAC Regular Session 07-01 and introduced the following keynote speakers:

- Jeff Slye, from the Kimpton Hotels and Restaurant Group, who provided the audience with an overview of the Group's green operations, in particular its EarthCare Program, which sets the standard across all Kimpton hotels and restaurants to adopt environmentally friendly products and practices.
- Lynne Barker, representative of the City of Seattle, Department of Planning and Development. She provided background information on the City's very successful Green Building Program, which included a description of the numerous LEED-certified buildings in Seattle as well as its Built Green Residential Program.

¹ Disclaimer: Although this summary was prepared with care, readers should be advised that while JPAC members have approved it, it has not been reviewed nor approved by the interveners and therefore may not accurately reflect their statements.

- Arq. Alfonso X. Iracheta, National Coordinator, Mexican Network of Cities Moving Toward Sustainability (RMCS), who provided the audience with an overview of this network. He explained the objectives of the RMCS, which are to promote a shared strategy aimed at promoting sustainable urban development, facilitate the exchange of best practices between actors involved in urban sustainability, and organize national/regional seminars.
- Thomas Mueller, President, Canadian Green Building Council. He explained that the rapid growth of this non-profit organization is largely based on the increased involvement of key actors in the construction industry as well as of relevant stakeholders. He provided an overview of the LEED Canada registrations and certifications in the last three years, to which the Green Building Council has the exclusive rights.
- Jason McLennan, United States Green Building Council, Cascadia Chapter, who provided an overview of his organization's efforts in the upper Northwest of the United States. The USGBC has over 50 chapters in the US, working closely with federal, local and state governments, financial planners, property managers, code officials, etc.

A copy of their presentations can be found at:

<http://www.cec.org/pubs_docs/scope/index.cfm?varlan=english&ID=17>.

Following the presentations, the JPAC Chair introduced environmental consultant Joel Ann Todd, who proceeded to facilitate the Public Forum. A general discussion on each of the four background papers ensued and each discussion was moderated by a JPAC member. The commentary received was incorporated in the report previously mentioned, which JPAC provided to the CEC Secretariat.

Upon conclusion of the Wrap-up discussion, the JPAC Chair Irene Henriques introduced the JPAC members and asked the CEC Executive Director, Adrian Vázquez, to make his presentation.

Report by the CEC Executive Director, Felipe Adrián Vázquez-Gálvez

The Executive Director began his statement by sharing some aspects of the ongoing discussions between the Secretariat and the Council, regarding the future work of the CEC. He also shared his interest in involving the three Ministers much more in all of the core activities that the CEC would be pursuing. He explained how, for some government officials in the three countries, the CEC remained fairly unknown and there was an overall belief that the CEC was more or less a NAFTA compromise manipulated by radical NGOs.

Regarding the CEC Strategic Plan, he underlined the importance of linking the current 2005–2010 Plan to the 2010–2015 one, adding that most of the crucial content should be well determined by the parties prior to the 2009 Council Session. He acknowledged that there is a great deal of work ahead in re-aligning the trilateral areas the CEC should address, mainly due to the complexity of national priorities.

Among many undertakings, the CEC will look towards closer collaboration with municipalities, provinces and/or states in the three countries. It will identify specific areas of cooperation, including partnerships between these entities at a trilateral level. In addition, it will also look closely at emerging topics in which it can make a significant contribution and have a real impact on the state of the environment in North America. To that effect, this year's Council Session will focus on seeking guidance from Council on which of these topics best fulfill national interests, as well as meet the regional criteria. These will be further developed by the Secretariat, and along with the results from next year's Symposium on Assessing the Environmental Effects of NAFTA, will be initially presented at the 2008 Council Session, followed by a preliminary draft of the 2010–2015 Strategic Plan in June 2009.

Regarding the public's expectations on where the work of the CEC should focus, he outlined a few areas where opportunities exist, such as activities that enhance the regions' natural capital, and working with medium-size businesses to green their production, among others. Engaging more actively indigenous communities in the work of the CEC will also be a priority. He reiterated his support for JPAC and looked forward to discussing ways of increasing outreach to enhance public participation, future CEC work, and the next Strategic Plan, among other endeavors.

The JPAC Chair thanked the Executive Director for his report and proceeded to provide an overview of the role of the National Advisory Committee (NAC) and the Governmental Advisory Committee (GAC) in each country.

Each Party appoints a National Advisory Committee, commonly referred to as NAC, made up of members of its public, including representatives of nongovernmental organizations. The role of these committees is to advise their respective Council members on the implementation of NAAEC.

Also, each Party is to convene a Governmental Advisory Committee, referred to as GAC, which includes representatives of various levels of government.

The Mexican NAC was officially nominated on 19 June 2006. Representatives from the Operative Group of the National Advisory Council for Sustainable Development (CCNDS) are among its members.

She mentioned that unfortunately the Canadian NAC members had not yet been appointed, but that she expected that the Canadian government would announce the new nominations shortly. She then invited the Mexican NAC representative, Patricia Muñoz, to address the audience.

Ms Muñoz expressed her disappointment that all three National Advisory Committees did not have the chance to meet and work together as they had previously agreed, and she reiterated her committee's interest in doing so at some point in the near future. She then outlined the numerous efforts underway at the national level in different priority areas. She noted the committee's continued interest in increasing public participation in

Mexico, particularly in the decision-making process regarding environmental issues of citizen concern. She also stressed the importance of having the NACs in the three countries establish a common agenda to work together on issues of trinational importance. The outcome could then be presented at CEC meetings.

The JPAC Chair informed the audience that the representatives from the US NAC/GAC had been unable to attend the meeting. However, having participated in their recent meeting in Virginia, she was able to share some of the most important elements that were discussed with the US EPA.

The main objective of that meeting was to address the need expressed by the US EPA to increase the relevance of CEC activities to US constituents and to identify new priority areas that may be considered as future CEC projects. A small number of invited guests representing various US stakeholders attended the session and contributed to the dialogue. Among the proposals developed by both committees were: a renewable energy credit certification program, a North American Climate Registry, and a Fellowship and Visiting Scholar Program. She added that an Advice was currently being developed, which would incorporate specific proposals to increase the relevance of the CEC.

Regarding JPAC follow-up and administrative matters, the Chair informed the audience that the next JPAC meeting would be taking place in conjunction with the June Council session in Morelia, Michoacán, Mexico. She explained that the committee had decided to host a public workshop entitled “Environmental Facts, Trends and Scenarios in North America,” aimed at providing an overall picture of how climate change and habitat loss due to unsustainable forestry practices are affecting our shared environment. She added that a special emphasis would be made on the plight of the monarch butterfly across North America, and also confirmed the presentation of the video “Papalotzin.”

The main objective, as reiterated by several JPAC members who made presentations, will be to provide a trinational perspective of what is occurring in each country, what is being done and what the future possibly holds, as a result of action/inaction. The results may perhaps provide the basis for establishing short-, medium- and long-term strategies. The members also reiterated the importance of public participation at their meetings.

The Chair informed the audience that JPAC was planning to host a third session in Winnipeg, Canada, which would focus on engaging indigenous communities in the work of the CEC. This would build on some national efforts, such as the establishment of a North American Indigenous Environmental and Health Network, currently underway in Canada. She explained that the meeting would be held jointly with the CEC PRTR and Trade & Environment programs. A JPAC member for Canada underlined that this was an issue close to JPAC. She explained that the committee had provided the CEC with several recommendations, seeking a more active involvement of these communities in their work, and expressed her enthusiasm that this was finally being realized. Several other members noted that many western practices could be enhanced by incorporating traditional-knowledge elements, and by using a more holistic approach.

The Chair also informed the audience of a fourth JPAC meeting in late 2007, which will focus on the CEC Citizen Submissions on Enforcement Matters (SEM) process, from lessons learned to following up Factual Records. She explained that the objective will be to bring together individuals who have experienced, studied, written about and been a part of the SEM process in Canada, the United States or Mexico.

The JPAC Chair thanked the public, keynote speakers, environmental consultant Joel Ann Todd, the CEC staff, and the interpreters, and adjourned the session.

Approved by JPAC Members

November 2007

Green Building in North America: International Symposium Summary of Public Comments and Discussion 1–2 May 2007, Seattle, Washington, USA

Background

The Commission on Environmental Cooperation is preparing a report on *Green Building in North America: Opportunities and Challenges*. The CEC Secretariat will present the report to top environmental officials in Canada, Mexico, and the United States in late 2007 or early 2008. An Advisory Group on Green Building was created in 2006; this group met and recommended four critical topics to be addressed in the report:

- Green building scenarios for 2030
- Green building financing
- Institutional efforts for green building
- Accessible and sustainable housing

An important step in gathering information for this report is consultation with the public. A first public workshop was held in Mexico in February 2007.

On 1–2 May 2007, the CEC held a second public meeting in Seattle, Washington, to discuss draft background papers on the four topics to be addressed in the final report. On May 1, authors of the background papers presented their preliminary findings to an audience that included the CEC Advisory Group on Green Building, the CEC Joint Public Advisory Committee (JPAC), and the public. Each presentation was followed by questions, comments, and discussion. On May 2, JPAC held a public forum to continue discussion of the paper topics.

This report summarizes the extensive questions, comments, and discussion from the two-day symposium.

Overall Comments

During the two days of comments, several themes emerged:

- Real business cases are needed to document and demonstrate the benefits and value of green buildings as well as the cost, which is not necessarily higher than conventional buildings. “Business case” is not prominent in papers and needs to be highlighted.
- Data on actual performance are needed to document effects and benefits.
- The analysis needs to address retrofits, renovation, and operations as well as new design and construction.
- A comprehensive approach is needed:

- The analysis and recommendations need to go beyond energy to include other environmental concerns.
- The analysis and recommendations need to go beyond buildings to cities and regions. Understanding the history, social, and economic context is crucial.
- How can we dissolve artificial boundaries between and within the three countries to work together more effectively? How can the three countries collaborate as equals, learning from one another, and respecting the diversity among them? The conditions in Mexico are different from those in the United States and Canada, which are far more similar.

Comments on Paper 1: Scenarios for 2030

The purpose of this paper is to present a vision of building performance in North America, based on an aggressive but achievable uptake of green building practice. The authors of the paper based the scenarios on the AIA/RAIC 2030 Challenge for reducing the global warming impacts of buildings. They described the assumptions and modeling approaches for their “deep green” scenario and the “business as usual” case used for comparison. The analysis found that the aggressive scenario was able to achieve or do better than the 2030 Challenge targets, requiring use of renewable energy in some cases. Achievement of the targets, while feasible, will require significant policy and program development commitment.

Audience members raised the following questions and comments:

- The scenarios need to address environmental concerns beyond energy. Although energy is critically important, it is not the only concern. Water is also very important as are other issues. Can the scenarios address ecosystem services, building location, and other planning concerns? Can the scenarios include social, environmental justice, and poverty issues? In Mexico, tourism and coastal resorts are a rapidly growing industry and scenarios need to be more comprehensive to address the environmental issues they raise.
- How can we build “co-creatively” and reframe the dialogue to include win-win scenarios? For this we must think holistically.
- It would be helpful if the scenarios could factor in costs associated with the alternatives, as well as identifying the public versus private benefits and costs.
- How can the scenarios assist policymakers in developing and choosing the most effective policies? The authors responded that the scenario is based on performance improvements as well as time to market, both of which can be affected by policies. Policymakers could test ideas within the scenarios to see what results are achieved with different inputs.
- The scenario tool is very powerful and should be made available and applied globally to markets such as China and India.
- This issue is urgent but many people outside the green building movement do not recognize the urgency. This will require public policies, education, and case examples. How is this best accomplished? How can the CEC contribute?

Comments on Paper 2: Green Building Financing

Presentations by authors of this paper highlighted the status of the markets in Mexico and the United States, the drivers and barriers affecting green buildings, and potential financial instruments and incentives to address the drivers and barriers. There was also a presentation on valuation—how current practices do not capture the benefits of green building and how the concept of “value” needs to be expanded.

Audience members raised the following questions and comments:

- How should “green building” be defined for purposes of financial institutions—LEED or EnergyStar or another standard? The authors responded that there is wide consensus on the Brundtland Commission definition of sustainability (“development that meets the needs of the present without compromising the ability of future generations to meet their own needs”) and that there are other international standards as well as those cited by the audience member. They also noted that certification systems are in place in Canada and the United States, but that there is no certification program or standard in Mexico at the present time to provide a definition.
- “Value” must be viewed more broadly to include values and beliefs, *all* potential benefits (and all costs as well), ecosystem services, the costs to society of not building green, and strategic benefits to companies that adopt green approaches. Value can be defined as our legacy for future generations in terms of human health and development, economic and cultural development, as well as environmental sustainability.
- Valuation and financing instruments/ incentives must address retrofits and renovations as well as new construction since existing building stock is the largest segment of the market. The authors agreed and also noted that smaller buildings need attention as well as large ones.
- Green building is not always more expensive although there is a perception that this is the case. The authors agreed that green building can save cost, save time, and add value.
- In addition to green buildings, some cities, such as Seattle, are exploring green urbanism, but they are finding that conventional financing does not work for this new direction.
- How can health benefits of green buildings be factored into valuation? The authors responded that traditional valuation models can address health benefits since green buildings reduce risks or these models can be expanded to include additional considerations. They all agreed that real business cases are needed, including health benefits. In addition, better data on health effects are needed but this will require better access to health data and standardization of how this information is gathered, stored, and reported. It was noted that privacy concerns present barriers to collection and analysis of health data.
- In Mexico, in particular, how can valuation address environmental effects of the coastal development that is increasing significantly? Since much of this development is financed internationally, how can the CEC encourage a broader perspective on the value of greener development and the true costs to communities of environmental degradation?

Comments on Paper 3: Institutional Efforts

The authors described the different institutional conditions in the three countries, with Mexico differing from the United States and Canada in its lack of codes, standards, and organizations addressing green buildings. They presented seven institutional approaches: mandates, voluntary programs, financial mechanisms, preferred purchasing, research, education, and international agreements. They also presented gaps in green building policy and recommendations for each country and for collaborative work.

Audience members raised the following comments and questions:

- Voluntary approaches and purchasing are not sufficient. Governments need to mandate standards that place requirements for sale or lease of buildings. Mandatory measures are needed to bring the lower end of the market along and voluntary measures to encourage the greener end of the market. The scenarios described in Paper 1 could help in examining the appropriate balance between voluntary and mandatory approaches.
- Government mandates often set the bar too low and only punish the “bad” rather than providing incentive for the “good” actions.
- Benchmarks and performance data will be key to many programs, such as tradable permits. The Europeans are working on gathering performance data and California is investing in smart meters.
- What are similarities and differences among the recommendations for the three countries? How do they apply specifically to rapidly growing cities? In Mexico, national leadership is crucial and it will influence activities at the municipal level; green building policy needs to be included in the National Development Plan.
- We should not just rely on government to take action and invest in these programs. We are going through a period of change management and it requires individuals and companies to take responsibility. People and businesses respond to market signals so we need to look at government policies that encourage this responsibility and accountability. An author responded that because the market does not reflect the true cost of energy use and environmental degradation, government mandates are needed.
- There is a need for more evaluation of the effects of policies so they can be fine-tuned.
- Policies should emphasize performance targets rather than prescriptive codes that tell how targets should be met.
- Education at all levels is very important. Educating children now will have a huge impact in the future as they grow up and become decision makers. Educating governments and developers about the devastation of coastal areas will require gathering and assembling data on individual cases so that effects of this development can be demonstrated. Training professionals is a substantial cost that could be supported by government programs.

Comments on Paper 4: Accessible and Sustainable Housing

The authors presented the different conditions in each of the three countries, from the growing green residential markets in the United States and Canada to the lack of commitment and incentives in Mexico. The particular challenges in Mexico were also presented, such as the rapid growth of construction, the potential effect of “baby boomers” purchasing retirement or vacation homes in Mexico, the lack of affordable housing for the large number of Mexican families who live in poverty, and the fact that 60 percent of housing is “self-built.”

Audience members raised the following comments and questions:

- Data on the actual performance of green housing is needed. There are measurement and verification tools for commercial buildings that might be adaptable to housing. It would be preferable to have one standardized protocol for verification to reduce confusion in financial markets. Although the tools exist, the incentives to apply them do not exist. The challenge for performance measurement is to include all issues, be real and credible so it will be used, be simple so it can be applied everywhere, and be mandated.
- Mexico needs affordable, simple technology to meet the needs of its lower income population and to address the “self-built” housing market. This group often relies on older, cheaper equipment such as discarded air conditioning units from the United States that are inefficient and often polluting. This happens in other countries as well—in houses built for lower-income people in Canada, clothes washers and dryers were not included so residents bought what they could afford—the least expensive (and generally least efficient) units available.
- In all three countries, there are lessons from the past that can be useful, such as the use passive solar. In Mexico, there was a vernacular architecture that has been largely forgotten. It used indigenous materials and climate-appropriate design. This should be rediscovered. Terminology and language are important—for example, terms like “durable” and “non-durable” goods imply that one is better than the other. Calling adobe and bamboo “non-durable” stigmatizes them.
- Families tend to stay in their houses in Mexico for generations, unlike the United States and Canada in which families move more frequently. This means that houses in Mexico need to be more adaptable to changing family size, age, health, and other factors.
- Resident behavior is critical to energy consumption and environmental performance of homes and other buildings. Homeowners and tenants need education and an “instruction manual” for their homes – if a manual is provided with a new car, why shouldn’t there be a manual for a new home? Further, a culture change is needed so that they are encouraged to change behavior and take responsibility. There is a lack of a “line of sight” between behavior and consequence—it is like driving a car without dashboard instruments. How can we make the link between behavior and result more visible?
- Information should be shared among the three countries within climate zones to make the collaboration more productive.

- Plug loads from our ever-increasing use of electronic equipment and gadgets is responsible for approximately 21 percent of residential energy use; a percentage that will almost certainly grow in the future.
- Housing differs from commercial buildings because there is so much variation in size, cost, etc.



AGENDA

GREEN BUILDING IN NORTH AMERICA: INTERNATIONAL SYMPOSIUM

SEATTLE, WASHINGTON

1-2 MAY 2007

Tuesday, 1 May
BACKGROUND PAPER PRESENTATIONS AND PUBLIC DISCUSSION

Bertha Knight Landes Room
Seattle City Hall

8:15-8:45 Registration

8:45-9:00 Welcome

Adrián Vázquez
Executive Director, Commission for Environmental Cooperation (CEC)

9:00–9:30 Opening remarks

Mayor Greg Nickels
City of Seattle, Washington

Jonathan Westeinde
Managing Partner, Windmill Development Group
Chairperson, CEC Advisory Group on Green Building

David Morillón
National Autonomous University of Mexico

Irene Henriques
Chair, CEC Joint Public Advisory Committee (JPAC)

9:30-9:45 Overview of the CEC green building report process

Geoffrey Garver
CEC Secretariat

9:45-11:00 Background Paper One: *Green Building Scenarios for 2030*

Moderator: Anne Auger
Director of Buildings Division, Natural Resources Canada

9:45-10:30 Presentation by authors

Odón de Buen
Chairman, Energy, Technology and Education (ENTE), Mexico
City

Steven Selkowitz
Head, Building Technologies Department, Lawrence Berkeley
National Laboratory, Berkeley, California

Martin Adelaar
Principal, Marbek Resource Consultants, Ltd., Ottawa, Canada

10:30-11:00 Public comment and discussion

11:00-11:15 Break

11:15-12:30 Background Paper Two: *Working Towards Green Building Financing and Market Consolidation*

Moderator: Susan MacLaurin
Vice President, GWL Realty Advisors, Vancouver, British Columbia

11:15-12:00 Presentation by authors

Luis Antonio García Díaz
Sinergia Capital, Mexico City

Leanne Tobias
Principal, Malachite LLC, Washington, DC

Chris Corps
Principal, Asset Strategies, Victoria, British Columbia

12:00-12:30 Public comment and discussion

12:30-2:00 Lunch with speaker

Gene Duvernoy
President, Cascade Land Conservancy

Joe Van Belleghem
Managing Partner, Windmill Development Group

2:00-3:15 Background Paper Three: *Institutional Efforts for Green Building*

Moderator: Don Horn

Director, sustainable Design Program, US General Services Administration, Washington,DC

2:00-2:45 Presentation by authors

Ramiro Barrio
Project Leader, Mario Molina Center, Mexico City, Mexico

Alex Wilson
President, Building Green, Brattleboro, Vermont

Doug Webber
Halsall Associates Limited, Toronto, Canada

2:45-3:15 Public comment and discussion

3:15-3:30 Break

3:30-4:45 Background Paper Four: *Working Towards Accessible and Sustainable Housing*

Moderator: Evangelina Hirata Nagasako
Undersecretary, Housing Growth Development, National Housing Commission of Mexico (Conavi)

3:30-4:15 Presentation by authors

Innes Hood
Senior Associate, The Sheltair Group, Vancouver, British Columbia

Fernando Mayagoitia
Lean House Consulting, Mexicali, Mexico

Steven Winter
Founder, Steven Winter Associates, Inc. (SWA), Norwalk, Connecticut; FAIA

4:15-4:45 Public comment and discussion

4:45-5:15 Closing discussion

Commission for Environmental Cooperation

**Tuesday, 1 May
URBAN SUSTAINABILITY FORUM**

**Benaroya Hall Auditorium
200 University Street**

5:30 Reception

6:30–8:00 City of Seattle and the Commission for Environmental Cooperation present an Urban Sustainability Forum – *Green Building in 2030 and Beyond: A North American Perspective*

Bob Berkebile
Principal, BNIM Architects, Kansas City, Missouri

Jonathan Westeinde
Managing Partner, Windmill Development Group, Ottawa, Ontario

José Picciotto
Founder, Picciotto Architects, Mexico City

**Wednesday, 2 May
PUBLIC FORUM HOSTED BY THE CEC'S JOINT PUBLIC ADVISORY COMMITTEE
Hotel Monaco Seattle
1101 4th Avenue**

8:00–9:00 Registration of participants

9:00–9:10 Welcome and opening remarks by the JPAC Chair, Irene Henriques

9:10–10:15 Green building presentations

- Jeff Slye from Kimpton Hotels and Restaurant Group
- Lynne Barker from the City of Seattle, Dept. of Planning and Development
- Arq. Alfonso X. Iracheta – National Coordinator, Mexican Network of Cities Moving Toward Sustainability (RMCS)
- Thomas Mueller - President, Canadian Green Building Council
- Jason McLennan from US Green Building Council, Cascadia Chapter

10:15–2:15 Public Forum on CEC Green Building Papers – Facilitated by Environmental Consultant, Joel Ann Todd.

10:15–11:00 General discussion: *Green Building Scenarios for 2030*
Moderator: Jean Guy Dépôt, President, Estrie Regional Environment Council, Quebec; JPAC member for Canada

11:00 – 11:45 General discussion: *Working Towards Green Building Financing and Market Consolidation*
Moderator: Gordon Lambert, Vice President, Sustainable Development, Suncor Energy Inc.; JPAC member for Canada

11:45 – 12:30 **General discussion: *Institutional Efforts for Green Building***
Moderator: Carlos Sandoval, President, National Council of Industrial Ecologists (Conieco), Mexico; JPAC member for Mexico

12:30–1:30 **Networking Lunch [provided]**

Public Forum on CEC Green Building Papers (continued)

1:30 – 2:15 **General discussion: *Working Towards Accessible and Sustainable Housing***
Moderator: Patricia Clarey, Chief Operating Officer Health Net of California; JPAC member for the United States

2:15–3:00 **Wrap-up discussion**

Wednesday, 2 May
REGULAR SESSION OF THE JPAC

Hotel Monaco Seattle
1101 4th Avenue

The Joint Public Advisory Committee (JPAC) is composed of fifteen members who are appointed by the governments of Canada, Mexico and the United States. Its members act independently and their responsibility is to provide advice to the CEC's governing Council, and information to the CEC Secretariat.

3:15–3:30 **Report by Adrián Vázquez, CEC Executive Director, on CEC developments since the last JPAC meeting**

3:30 – 3:45 **Report from the National and Governmental Advisory Committee representatives**

3:45 – 4:30 **JPAC follow-up and administrative matters**

- a) Next JPAC meeting and Council Session in Mexico
- b) Discussion of 2007 JPAC priorities and other meetings

4:30 – 5:00 **Observers' comments**

5:00 **End of session**



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Joint Public Advisory Committee Regular Session 07-01
Green Building: Opportunities and Challenges in Canada, Mexico and the United States

Hotel Monaco Seattle
1101 4th Avenue
Seattle, Washington 98101
Phone: 206-621-1770 • Fax: 206-621-7779
<http://www.monaco-seattle.com/>

List of participants

Aduna Barba, Lourdes
Presidente Comisión Nacional de Ecología
COPARMEX
Insurgentes Sur 950 Col. del Valle
México, D.F. 03100
México
Tel. : 5511 5263
Fax : 5511 9218
Email : lourdes_aduna@yahoo.com.mx

Bondy, Daniel
Manager, Environmental & Occupational Toxicology
Health Canada
2948 Barlow Crescent
Ottawa (Ontario)
K0A 1T0
Tel. : 613 957 1847
Fax : 613 957 3952
Email : daniel_bondy@hc-sc.gc.ca

Atlee, Jennifer
Research Director
BuildingGreen Inc.,
122 Birge St., Suite 30
Brattleboro (VT) 05301
United States
Tel. : 802 257 7300
Fax : 802 257 7304
Email : jennifer@buildinggreen.com

Bolaños Orozco, María de los Angeles
Asistente
Tecnológico de Monterrey
Napoles 115-1
Monterrey (Nuevo León) 64840
México
Tel. :
Fax :
Email : gely_b21@hotmail.com

Barrios Castrejón, Ramiro
Líder de Proyectos
Centro Mario Molina para Estudios Estratégicos
sobre
Emerson 316 Despacho 202 Col. Polanco
México (DF) 11570
México
Tel. : 5255 5250 7790 ext. 106
Fax :
Email : rbarrios@centromariomolina.org

Borrero, Luis
Project Manager
International Sustainable Solutions
1205 Queen Anne Ave N
Seattle (WA)
98109
Tel. : 206 853 4559
Fax :
Email : luisborrero@gmail.com

Basurto González, Daniel
Abogado
Basurto, Santillana y Arcuijo, S.C.
Homer No 1804, Desp.602 Col. Polanco
México (DF) 11570
México
Tel. : 5255 5395 1085
Fax : 5255 5395 1095
Email : dbasurto@lexcorp.com.mx

Cardenas, Odra
16075 NE 85th st #112
Redmond (Washington)
98052
Tel. : 425 802 2767
Fax :
Email : ocardena@itesm.mx

Crane Asla, Paul B
Landscape Architect
City of Everett
3200 Cedar Street
Everett (WA) 98201
Tel. : 425-257-8949
Email : pcrane@ci.everett.wa.us

Dobrovolny, Peter
PO Box 34019
Seattle (WA)
98124
Tel. : 206-615-1094
Fax :
Email : peter.dobrovolny@seattle.gov

Fish, Sean
Student
University of Southern California
2605 Orchard Avenue
Los Angeles (California) 90007
Tel. : 240 603 6445
Email : sfish@usc.edu

Fleming, Paul
Seattle Public Utilities
700 5th Ave. Suite 4900
Seattle (WA) 98124-7626
Tel. : 206 684 7626
Email : paul.fleming@seattle.gov

Gerardo, Serrato
Gobierno del Estado de Querétaro
Blvd. Bernardo Quintana 204
Querétaro (Querétaro) 76050
Tel. : 5244 22 11 68 01
Fax : 5244 22 23 72 45
Email : gserrato@queretaro.gob.mx

González Viadas, Eduardo
Director
Planeta Azul
Paseo de la Reforma 23-A, 3er Piso
Col. Tabacalera
México, D.F. 6030
México
Tel: 52 555 544 0309
Fax: 52 555 228 8908
E-mail: eduardoviadas@yahoo.com.mx

Grant, Diana
400 E. Pine St, Suite 100
Seattle (WA)
98122
Tel. : 206-325-9711 x 24
Fax :
Email : diana.grant@seattle.gov

Graves, David
Senior Planner
Seattle Parks & Recreation
800 Maynard Ave S, 3rd Fl
Seattle (WA)
98134
Tel. : 206-684-7048
Fax :
Email : david.graves@seattle.gov

Guise, Teresa
Clark County, Building Safety Division
PO Box 9810
Vancouver (wa) 98666-9810
Tel. : 360-397-2375 ext 4177
Fax : 360-759-5470
Email : teresa.guise@clark.wa.gov

Grimaldi, Federico
Director Técnico
CANAJAD
Cordoba No 10
México (D.F.) 06700
México
Tel. : 55115263
Fax : 55119218
Email : fgrimaldi371@msn.com

Hanna, Jim
environmental affairs manager
Starbucks Coffee Company
2401 Utah Ave S Mailstop-S-SR1
Seattle (WA)
98124-1067
Tel. : 206 318 6456
Fax :
Email : jhanna@starbucks.com

Henshel, Diane
Environmental Neurotoxicology
Indiana University
Contact Type : UNI1 - Academic/Scientific
Wylie Hall 105
Bloomington (IN)
47405
United States
Tel. : 812 855 4556
Fax : 812 855 7802
Email : dhenshel@indiana.edu

Herrera, Alberto
ICC
5360 Workman Mill Rd.
Whittier (CA)
90606
Tel. : 562 699 0541
Fax : 56 699 9721
Email : aherrera@iccsafe.org

Hutchison, John-David
Project Manager
Fondation Chelsea Foundation
#3-110 Chemin du Havre
Wakefield (Quebec)
J0X 3G0
Tel. : 613 261 2840
Fax :
Email :

Kawinski, Joshua
Marketing Specialist
City of Tukwila
3427 S. 256th St
Kent (WA)
98032
Tel. : 253-839-5323
Fax :
Email : jakawinski@hotmail.com

Lentz, Alvaro E
Profesor investigador
UACM
Av. Sn. Lorenzo 290
Mexico (D.F.) 03100
Tel. : 525 55 488 6661 ext 5303
Email : solar_lentz@yahoo.com.mx

Mahle, Maureen
50 Washington Street
Norwalk (CT)
06854
United States
Tel. : 203 857 0200 x 216
Fax : 203 852 0741
Email : mahle@swinter.com

Martin, Curtiss
ScribeMedia.org
15 Maiden Ln
New York (New York)
10038
Tel. : 212-353-0022
Fax :
Email : Curtiss_martin@fastmail.fm

Martinez Saucedo, Xisela
Arquitecta
INOVARQ Diseño Arquitectonico
Dr. Manuel Romero Rubio 411 Local "D"
Col. Chapultepec
Culiacán (Sinaloa) 80040
Tel. : 667 712 2250
Fax : 667 712 2250
Email : inovarq-@hotmail.com

Marzouk, Evonne
International Activities Specialist
USA - Environmental Protection Agency
(US EPA)
Ariel Ross Building 1200 Pennsylvania Ave. NW,
Mail Code 2610R
Washington (DC) 20004-2403
Tel. : (202) 564-7529
Fax : (202) 565 2411
Email : marzouk.evonne@epa.gov

McKennon Thaler, Robin
Principal
Mayfly
5042 49th Avenue SW
Seattle (WA)
98136
Tel. : 2069355356
Fax :
Email : robin@mayflyeng.com

Mercier, Catherine
4154 Clark
Montreal (QC)
H2W 1W9
Canada

Monnier, Roberpierre
Architecte
Monnier-Architecte
50 rue Des Érables
Ste-Catherine-de-Hatley (Ste-Catherine-de-Hatley)
J0B 1W0
Tel. : 819 847 0709
Fax : 819 847 5039
Email :

Moreault, Éric
journaliste en environnement
Le Soleil
410, boul. Charest Est, cp 1547
succ. Terminus
Québec (Québec) G1K 7J6
Tel. : 418-686-3394
Fax : 418-686-3374
Email : emoreault@lesoleil.com

Muñoz, Angélica
Directora
Colegio de Arquitectos del Estado de México de la
Norte 10 número 119
México (Estado de México)
55080
Tel. : 55 51168001
Fax : 5551168001
Email : arq_angelik@yahoo.com.mx

Muñoz, Norma Patricia
Consejero CCNDS
Vasco de Quiroga #93 Cd. Satelite
Naucalpan (Edo de México)
53100
México
Tel. : (52-55) 5729-6022
Fax :
Email : nmunoz@ipn.mx

Noriega, Pilar
Architect
ITESM
Mirasol 310
Santiago (Nuevo Leon)
67300
Tel. : 81 8266 16 27
Fax :
Email : noriega@itesm.mx

Pasini, Mark
Energy Management Consultant
Marbek Resource Consultants
222 Somerset Street West, Suite 300
Ottawa (Ontario)
K2P 2G3
Tel. : 613-523-0784, ext.327
Fax :
Email : pasini@marbek.ca

Read, Mary Ellen
MAIBC
Kobayashi + Zedda Architects
26-1114 First Ave
Whitehorse (Yukon Territory)
Y1A 1A3
Tel. : 867-633-6874
Fax : 867-633-4602
Email : maryellen@kza.yk.ca

Sosa Reyes, Alejandro
Director Ejecutivo
Iniciativa GEMI
Tuxpan 39-503 Col. Roma Sur
México (D.F.) 06760
México
Tel. : (52 55) 5574-6500 y (52 55) 55
Fax : (52 55) 5574-5977
Email : ingemiac@prodigy.net.mx

Sulkowska, Martha Sofia
Directora de Sustentabilidad Urbana
SEMARNAT
Blvd. A. Ruiz Cortines 4209
Del. Tlalpan (Distrito Federal)
14210
Tel. : +52 (55) 5490-0994
Fax : +52 (55) 5628-0898
Email :

Tampier, Martin
Environmental Engineer
Envint Consulting
2252 Rue Charles Baudelaire
Laval-Ouest (QC)
H7R 6K4
Tel. : (450) 627-1003
Fax : (450) 627-1003
Email : martin.tampier@telus.net
Canada

Todd, Joel Ann
Consultant
14 Webb Road Cabin John
Maryland 20818
Tel: (301) 229 88 20
Email: joelanntodd@yahoo.com

Trinh, Joseph
5319 156th Ave. N.E
Redmond (Washington)
98052
Tel. : 425-883-8504
Fax :
Email : joseph_trinh@antiochsea.edu

Vidito, Lyndsay
Environment Canada
10 Wellington St.
Gatineau (Quebec)
K1A 0H3
Tel. : 819-956-5908
Fax :
Email : lyndsay.vidito@ec.gc.ca

Speakers

Thomas Mueller

President, Canada Green Building Council
Western Office
310-319 West Pender Street
Vancouver, BC
V6B 1T3
o: 604.681.7002
f: 604.681.7817
c: 604.831.0651
tmueller@cagbc.org

Jeff Slye

CEO, Chief Evolution Officer
Business Evolution Consulting
Business Evolution Consulting
409 Brannan Street
San Francisco, CA 94107
C: 415.871.1932
jeff.slye@businessevolutionconsulting.com

Alfonso Iracheta

Coordinador Nacional de la Red Mexicana de
Ciudades hacia la Sustentabilidad (RMCS)
El Colegio Mexiquense, A.C
Ex- Hacienda Santa Cruz de los Patos
C.P. 51350
Zinacantan, México.
Apartado Postal 48-D
Toluca 50120, México
Tel. +52 (722) 2 79 99 08 Ext. 185 y 291
Fax. Ext. 200
axic@cmq.edu.mx

Lynne Barker

Strategic Advisor I
Planning and Development
Seattle Municipal Tower
700 5th AV, #2000
PO Box 34019
Seattle, WA 98124-4019
Phone Number: 206-684-0806
Fax Number: 206-233-7883
lynne.barker@seattle.gov

Jason McLennan

CEO
U.S. Green Building Council
Cascadia Chapter
Seattle office: Pier 56
1201 Alaskan Way, Suite 200
Seattle, WA 98101
Tel: 206.223.2028
Fax: 206.623.7005

JPAC members

Correa Sandoval, Adriana Nelly
Profesor Investigador
Centro de Calidad Ambiental
ITESM Campus Monterrey
Av. Eugenio Garza Sada No. 2501 Sur
Monterrey, Nuevo Leon
México
Tel: 52 818 328 4032
Fax: 52 818 359 6280
E-mail: ancs@itesm.mx

Dépôt, Jean Guy
Président
l'Association des propriétaires riverains du Lac
Bowker
20, chemin du Lynx, Lac Bowker
Orford, Québec
Canada
Tel: 450 532 4684
Fax: 450 532 4684
E-mail: lacbowker@cooptel.qc.ca

Desai, Dinkerrai
Environmental Coordinator
U. S. Army Material Command
Directorate of Public Works, Bldg 173
Fort Monmouth, New Jersey
USA
Tel: 732 532 1475
Fax: 732 532 6263
E-mail: dinkerrai.desai@mail1.monmouth.army.mil

Gardner, Jane
Manager and Counsel
Remediation Programs
Corporate Environmental Programs
General Electric Company
3135 Easton Turnpike
Fairfield, Connecticut
USA
Tel: 203 373 2932
Fax: 203 373 2683
E-mail: Jane.gardner@corporate.ge.com

Henriques, Irene
Schulich School of Business
York University
4700 Keele Street
Toronto, Ontario
Canada
Tel: 416 736 5068
Fax: 416 736 5687
E-mail: ihenriqu@schulich.yorku.ca
JPAC Chair for 2007

Lambert, Gordon
Vice President
Sustainable Development
Suncor Energy Inc.
P.O. Box 38, 112 4th Ave. S.W.
Calgary, Alberta T2P 2V5
Phone: 403 269 8720
Fax: 403 269 6246
E-mail: glambert@suncor.com

McDonald, Patricia
Consultant
847 E. Wild Rye Drive
Jackson, Wyoming
USA
Tel: 307 734 2758
Fax: 307 734 2758
E-mail: pattyamcdonald@earthlink.net

Phare, Merrell-Ann
Executive Director/Legal Counsel
Centre for Indigenous Environmental Ressources
3rd Floor, 245 McDermont Ave.
Winnipeg, Manitoba
Canada
Tel: 204 956 0660
Fax: 204 956 1895
E-mail: maphare@cier.ca

Rincón Mejía, Eduardo
Profesor Investigador
Universidad Autónoma del Estado de México
Cerro de Coatepec s/n, Ciudad Universitaria
Toluca, Estado de México
México
Tel: 52 722 214 0855 x 222
Fax: 52 722 215 4512
E-mail: rinconsolar@hotmail.com

Sandoval, Carlos
Presidente
Consejo Nacional de Industriales Ecologistas
Gabriel Mancera No. 1141, Col. del Valle
México, D.F.
México
Tel: 52 555 559 3611
Fax: 52 555 575 2337
E-mail: ecologia@conieco.com.mx

Sepúlveda, Héctor Javier
Director Técnico
Fábrica de Jabón "La Corona"
Carlos B. Zetina, No. 80
Fraccionamiento Industrial Xalostoc
Ecatepec, Estado de México 55340
México
Tel: 52 555 747 6406 x 1900 y 747 4545 x 1901
Fax: 525 55 714 3798
E-mail: hsepulveda@fjcorona.com

Commission for Environmental Cooperation

Carpentier, Chantal Line
Head of Environment, Economy and Trade
Program
Commission for Environmental Cooperation
393 St-Jacques St. W Suite 200
Montreal (Quebec)
H2Y 1N9
Tel. : 514-350-4336
Fax : 514-350-4314
Email : clcarpentier@cec.org
Canada

Garver, Geoffrey
Director, Submissions on Enforcement Matters
Unit
Commission for Environmental Cooperation
393 St-Jacques St. W Suite 200
Montreal (Quebec)
H2Y 1N9
Tel. : 514-350-4332
Fax : 514-350-4314
Email : ggarver@cec.org
Canada

Heredia Fragoso, Marco Antonio
Executive Assistant
Commission for Environmental Cooperation
393 St-Jacques West Suite 200
Montreal (Quebec)
H2Y 1N9
Tel. : (514) 350-4318
Fax : 514-350-4314
Email : maheredia@cec.org
Canada

Lloyd, Evan
Director of Communications
Commission de coopération
environnementale
393, rue St-Jacques Ouest
Montréal, Québec H2Y 1N9
Canada
Tel: 514 350 4300
Fax: 514 350 4314
E-mail: elloyd@cec.org

Paz-Miller, Liliana
Coordinator, Meeting Services
Commission for Environmental Cooperation
393 St. Jacques St. Suite 200
Montreal (Quebec)
H2Y 1N9
Tel. : 514-350-4313
Fax : 514-350-4314
Email : lpmiller@cec.org
Canada

Morin, Jocelyne
JPAC Assistant
Commission for Environmental Cooperation
393, St-Jacques West, Suite 200
Montreal, Quebec H2Y 1N9
Canada
Tel: 514 350 4300
Fax: 514 350 4314
E-mail: jmorin@ccemtl.org

Noguera, Margarita Sofia
Assitante to the Special Projects Program
Manager
393, St-Jacques West, Suite 200
Montreal, Quebec H2Y 1N9
Canada
Tel: 514 350 4300
Fax: 514 350 4314
E-mail: msnoguera@ccemtl.org

Orozco, Marcela
JPAC Liaison Officer
Commission for Environmental Cooperation
393, St-Jacques West, Suite 200
Montreal, Quebec H2Y 1N9
Canada
Tel: 514 350 4300
Fax: 514 350 4314
E-mail: morozco@ccemtl.org

Sotelo, Olga
Public Participation Coordinator
Commission de coopération environnementale
393, rue St-Jacques Ouest
Montréal, Québec H2Y 1N9
Canada
Tel: 514 350 4300
Fax: 514 350 4345
E-mail: osotelo@cec.org

Stoub, Jeffrey
Director of Communications
Commission for Environmental Cooperation
393 St-Jacques St. W Suite 200
Montreal (Quebec)
H2Y 1N9
Tel. : (514) 350-4300
Fax :
Email : jstoub@cec.org
Canada

Vázquez Gálvez, Felipe Adrián
Executive Director
Commission for Environmental Cooperation
393, St-Jacques St. W. Suite 200
Montreal (Quebec)
H2Y 1N9
Tel. : (514) 350-4300
Fax :
Email : avazquez@cec.org

Whitehouse, Timothy
Program Manager, Special Projects
393, St-Jacques St. W. Suite 200
Montreal (Quebec)
H2Y 1N9
Tel. : (514) 350-4300
Fax :
Email : twhitehouse@cec.org