

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Workshop on Urban Environmental Sustainability

The Island Hotel Newport Beach
690 Newport Center Drive
Newport Beach, CA
February 5-7, 2006

Sunday, February 5, 2006

Island Hotel

3:30pm—8:00pm **Group reception/dinner and watch Super Bowl football game**
The Gardens Lounge and Café

Monday, February 6, 2006

Island Hotel, Cabrillo Room

7:30am—8:30am **Breakfast available in Cabrillo Room**

8:30am—9:20am **Welcome and opening remarks** (Larry Papay)

- Brief history of basis for initiative (Bill Wulf)
- Self introductions
- Perspectives from UC Berkeley (Dan Kammen)

9:20am—9:30am **Outline objectives for working meeting** (Larry Papay), **including:**

- Defining the major elements of the initiative
- Identifying key international partners and a process for determining city partners
- Developing a specific work plan for activities in each country

9:30am—10:15am **Challenges to and Opportunities for Urban Environmental Sustainability: Perspectives from Mexico, South Africa, and China**

- Luis Siqueiros, Harvard University- *Mexico*
- Mark Swilling, University of Stellenbosch- *South Africa*
- Qian Yi, Tsinghua University- *China*

10:15am—10:30am **Break**

10:30am—11:00am **Moving Towards Sustainable Cities**

- Yue-man Yeung, The Chinese University of Hong Kong
- Jeremy Harris, Former Mayor of Honolulu

- 11:00am—12:30pm **Discussion of general approach and key elements**
- Developing a ‘systems’ approach (Glen Daigger)
 - Principal components of initiative (Greg Symmes), including:
 - Enhance human and institutional capacity
 - Foster the use of technology
 - Advance the “science” of urban environmental sustainability
 - Extend the results to cities worldwide
 - Bay Area Project Team (Dan Kammen)
 - Urban Air Quality (Ron Cohen)
 - Urban Transportation (Samer Madanat)
 - Open Discussion of Principal Components

12:30pm—1:30pm **Lunch in Cabrillo Room**

- 1:30pm—3:00pm **Breakout sessions to discuss program elements**
- Enhance capacity- *Room 218* (Ellen Brennan-Galvin/Jeremy Harris)
 - Foster use of technology- *Room 1801* (Glen Daigger)
 - Advance science- *Cabrillo Room* (Chuck Redman)
 - Extend results- *Cabrillo Room* (Deryk Van Brunt)

3:00pm—3:30pm **Reconvene for brief reports on breakout sessions**

- 3:30pm—5:00pm **Breakout sessions to discuss country-specific priorities**
- Mexico- *Cabrillo Room* (Glen Daigger/Will Logan)
 - South Africa/Tanzania- *Room 218* (Richard Stren/Barney Cohen)
 - China- *Room 1801* (Larry Papay/Greg Symmes)

5:00pm—5:30pm **Reconvene for brief reports on breakout sessions**

5:30pm **Adjourn for the day, dinner at your leisure**

Tuesday, February 7, 2006
Island Hotel, Cabrillo Room

7:30am—8:30am **Breakfast available in Cabrillo Room**

8:30am—10:00am **Reflections on first day/Expectations for second day (Larry Papay)**

10:00am-10:15 am **Break**

- 10:15am—12:15pm **Breakout sessions to refine potential work plans in each country**
- Mexico- *Cabrillo Room*
 - South Africa/Tanzania- *Room 218*
 - China- *Room 1801*
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- 12:15pm—1:15pm **Lunch in Cabrillo Room**
- 1:15pm—3:00pm **Panel discussion on linkages to other organizations** (Andy Lemer)
- Tim Campbell, Urban Age Institute
 - Li Xin, Ministry of Science and Technology
 - Akin Mabogunje, Development Policy Centre
 - Luis Siqueiros, Harvard University
 - Richard Stren, University of Toronto
- 3:00pm—4:00pm **Breakout sessions to discuss country-wide program elements and city selection processes**
- Mexico- *Cabrillo Room*
 - South Africa/Tanzania- *Room 208*
 - China- *Room 1801*
- 4:00pm—4:45pm **Reconvene for brief reports on breakout sessions**
- 4:45pm—5:30pm **Summary and discussion of next steps** (Larry Papay)
- March meeting in Cape Town (Gordon Feller)
 - Proposals submitted to Moore Foundation late spring
- 5:30pm **Adjourn for the day, dinner for those remaining TBD**
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