

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*

12:15pm—1:15pm	Lunch in Cabrillo Room
1:15pm—3:00pm	Panel discussion on linkages to other organizations (Andy Lemer) <ul style="list-style-type: none">○ 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 <ul style="list-style-type: none">○ Mexico- <i>Cabrillo Room</i>○ South Africa/Tanzania- <i>Room 208</i>○ China- <i>Room 1801</i>
4:00pm—4:45pm	Reconvene for brief reports on breakout sessions
4:45pm—5:30pm	Summary and discussion of next steps (Larry Papay) <ul style="list-style-type: none">○ 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
