



*AMERICAN
PUBLIC
TRANSPORTATION
ASSOCIATION*

APTA 2011 Sustainability and Public Transportation Workshop

**The Value of Sustainability: Increasing Quality,
Efficiency and Community Benefits
in an Ever-Changing Environment**

Omni Hotel
251 South Olive Street
Los Angeles, CA 90012
July 31-August 2

2011 APTA SUSTAINABILITY AND PUBLIC TRANSPORTATION WORKSHOP

JULY 31-AUGUST 2

OMNI HOTEL, LOS ANGELES, CA

Welcome to the 7th Annual APTA Sustainability and Public Transportation Workshop focusing on “The Value of Sustainability.”

This workshop highlights cutting-edge energy-efficient, economically-sound, and socially-responsible developments and practices and how you measure and manage them. Hear from a variety of speakers, including APTA Sustainability Commitment signatories, with real world experience. Learn how public agencies and private companies can save money and improve efficiency, lessen environmental impacts, and promote strategies that encourage public transit use. Understand what good models exist for creating local, regional and state partnerships on sustainability and the opportunities for partnering with the federal government. Last but not least, see firsthand what Los Angeles is doing to make the city and region more livable through smart transportation and land-use policies.

APTA’s Vision

Be the leading force in advancing public transportation.

APTA’s Mission

To strengthen and improve public transportation, APTA serves and leads its diverse membership through advocacy, innovation, and information sharing.

APTA’s Policy on Diversity

APTA recognizes the importance of diversity for conference topics and speakers and is committed to increasing the awareness of its membership on diversity issues. APTA welcomes ideas and suggestions on how to strengthen its efforts to meet these important diversity objectives.

WORKSHOP SPONSORS

APTA thanks the following **full** sponsors for making this workshop a success.



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APTA's 2011 Sustainability and Public Transportation Workshop-at-a Glance

Sunday July 31	Monday August 1	Monday August 1 (cont.)
<p>10 a.m. – 6 p.m. Registration Bunker Hill Foyer</p> <p>10 a.m. – 7 p.m. Products and Services Displays Bunker Hill Foyer</p> <p>12 – 5 p.m. Sustainability in Action Tours Meet in Bunker Hill Foyer</p> <p>Metro Support Services Center</p> <p>El Monte Station and Metro Division 9 Operation Building</p> <p>Metro Red Line Transit Oriented Development</p> <p>Metro Orange Line Busway Tour/Bike Tour</p> <p>6 – 7 p.m. Welcome Reception Watercourt</p>	<p>7 a.m. – 4:30 p.m. Registration Bunker Hill Foyer</p> <p>7 a.m. – 6 p.m. Products and Services Displays Bunker Hill Foyer</p> <p>7 – 8 a.m. Continental Breakfast Bunker Hill Foyer</p> <p>8 – 9:30 a.m. Opening Session Bunker Hill</p> <p>9:30 – 10:30 a.m. Plenary Session: LA MTA Host Forum Bunker Hill</p> <p>10:30 – 10:45 a.m. Break Bunker Hill Foyer</p> <p>10:45 – 12 p.m. Plenary Session: International Perspectives Bunker Hill</p> <p>12 – 1:30 p.m. Luncheon Watercourt</p> <p>1:45 – 3:15 p.m. Sustainability Seminars Part I</p> <p>Sustainable Planning, Policy, and Community Development Museum A</p> <p>Green Design, Materials, and Infrastructure Museum B</p> <p>Sustainable Operations-What You Can Do Bunker Hill</p>	<p>1:45 – 3:15 p.m. Sustainability Seminars I (cont.)</p> <p>Sustainable Business Practices and Sustainable Organizations Bradbury/Rose</p> <p>3:30 – 5 p.m. Sustainability Seminars Part II</p> <p>Sustainable Planning, Policy, and Community Development Museum A</p> <p>Green Design, Materials, and Infrastructure Museum B</p> <p>Sustainable Operations-What You Can Do Bunker Hill</p> <p>Sustainable Business Practices and Sustainable Organizations Bradbury/Rose</p> <p>5:15 – 6:15 p.m. APTA Sustainability Commitment Subcommittee Meeting Watercourt</p> <p>6:30 – 9 p.m. Networking Social Event Outside hotel</p>

Tuesday August 2	Wednesday August 3	Thursday August 4
<p>7 a.m. – 5 p.m. Registration Bunker Hill Foyer</p> <p>7 a.m. – 5 p.m. Products and Services Displays Bunker Hill Foyer</p> <p>7 – 8 a.m. Continental Breakfast Bunker Hill Foyer</p> <p>8 – 9:30 a.m. Transit and Greenhouse Gas Emissions Bunker Hill</p> <p>9:30 – 9:45 a.m. Break Bunker Hill Foyer</p> <p>9:45 – 11:45 a.m. Concurrent Peer Exchanges</p> <p>Partnerships and Planning for Livable and Sustainable Communities and Corridors Bunker Hill</p> <p>Moving Forward on Environmental Management Systems and Sustainable Plans Museum B</p> <p>Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER) Museum A</p> <p>12 – 1:30 p.m. Luncheon Watercourt</p> <p>1:30 – 3 p.m. Closing Session Watercourt</p> <p>3:30 – 5:30 p.m. APTA Sustainability Committee Meeting Hershey/Crocker</p>	<p>7 – 8 a.m. Continental Breakfast Bunker Hill Foyer</p> <p>8 a.m. – 12 p.m. Transit Climate Change Adaptation Seminar Watercourt A&B</p> <p>1:30 – 5:30 p.m. APTA Standards Urban Design Working Group Meeting Museum A</p> <p>1:30 – 5:30 p.m. APTA Standards Sustainability Performance Metrics Working Group Meeting Museum B</p>	<p>8 a.m. – 5 p.m. APTA Standards Urban Design Working Group Meeting Museum A</p> <p>8 a.m. – 5 p.m. APTA Standards Sustainability Performance Metrics Working Group Meeting Museum B</p>

Sunday, July 31

10 a.m. – 6 p.m.
Bunker Hill Foyer

Registration

10 a.m. – 6 p.m.
Bunker Hill Foyer

Products and Services Displays

12 – 5 p.m.
Meet in Bunker Hill Foyer

Sustainability in Action Tours

Metro Support Services Center

1 p.m.

Metro's Support Services Center (MSSC) has the largest solar installation in Los Angeles. The complex also features 4000 new energy-efficient lights, a new air compression system, and new HVAC, all controlled by an energy management system. These changes cut the electric bill by 67 percent. The MSSC is the greenest rebuild center in the nation. The project was completed with a public private-partnership with no upfront cost, plus a ten-year guarantee on power savings.

Tour participants will also see the latest technology using robots to store, retrieve, and deliver parts directly to the mechanics and journeymen involved in the repair or refurbishment of the buses and mechanical components. View this and more at this center, where a bus can be rebuilt from the axles up. It is one of the largest of its kind in the world.

Tour Time: 2.5 hours

El Monte Station and Metro Division 9 Operations Building

1 p.m.

El Monte Station is a \$60 million project to construct a new and expanded bus transit station for El Monte. It is also the first phase of Metro and El Monte's plans for joint development of a "transit village." The station will open in July 2012 and will see approximately 30,000 passengers per day when constructed. The facility will contain two levels built over eight acres, the top level for express service which connects directly to the El Monte Busway and the lower level for local service, with a transit store, bike station, and retail facilities. The facility will be built in accordance with LEED standards, and has been designed to achieve Gold Certification. The building will contain drought-tolerant landscaping, energy-efficient LED lighting, recycled

Sunday, July 31 (cont'd)

building materials, and low-water use strategies; and during construction will achieve over 75 percent recycling of construction wastes. Tour participants will receive a briefing from the architect on sustainability strategies during construction and operations, and view the in-process construction of this massive bus transit project.

Tour participants will then go next door and view Metro's Division 9 Operations building, which was completed in 2008 and was our first LEED-certified building achieving a Gold Certification. The building is home to approximately 400 bus operators and administrative staff operating a fleet of 230 buses, and also contains the headquarters of Los Angeles County's paratransit provider, Access Services. The tour will provide a glimpse into the functioning of Metro's transit operations, but will also focus on the sustainable features of the building such as day-lighting, recycled building materials, energy-efficient lighting and ventilation systems, water-saving strategies, drought-tolerant landscaping, and other features.

After touring the Division 9 building, participants will receive a short briefing from Metro Joint Development and City of El Monte staff regarding the next phase of the project, the El Monte Gateway joint development project, which is California's first proposed bus-oriented transit development. This project will be constructed by the City of El Monte on Metro-controlled parking lots, and will include affordable and market-rate housing, retail, and commercial office buildings, all coordinated with the new El Monte Station and the Silver Line transit service.

Tour Time: 2.5 hours

Metro Red Line Transit Oriented Development

12 p.m.

The Metro Joint Development Program encourages comprehensive planning and development around station sites and along transit corridors. The program seeks to reduce automobile use and congestion through the encouragement of transit linked development. Developments included in the tour along the Metro Red Line are:

- Wilshire/Vermont: Featuring 52,000 square feet devoted to retail and restaurants, a 50,000 square foot market, 6,500 square feet for retail kiosks, and a middle school for 350 students.
- Hollywood/Vine: Featuring an apartment complex with over 400 units, including affordable units, retail space, and a 300 room W Hotel with an additional 143 W Condominiums.
- Hollywood/Highland: Featuring a six-screen movie theater, over 70 retail shops, restaurants, a Grand Ballroom operated year-round by Wolfgang Puck, and a TV studio. The complex hosts the Academy Awards ceremonies in the 3,500 seat Kodak Theatre and includes the 640 room Renaissance Hollywood Hotel, and a 3,000-space underground parking garage.

Tour Time: 3 hours

Sunday, July 31 (cont'd)

Metro Orange Line Busway Tour/Bike Tour

12 p.m.

Experience the latest innovation in bus rapid transit technology and take a multi-modal journey to see how transit is greening Los Angeles in an area that has been defined by wide arterials and suburban sprawl. The Metro Orange Line is a dedicated transitway (currently being expanded) that includes a bikeway and pedestrian paths linking the San Fernando Valley to North Hollywood and the urban core of Los Angeles.

The tour begins at the Omni Hotel, where participants will travel by bus to the Chatsworth Metrolink Station to see how a previous rail right-of-way is being transformed into a world class BRT project with an accompanying dedicated bicycle and pedestrian path. Then travel by bus for four miles past the corridor now under construction to the existing Orange Line BRT/bikeway. From there, enjoy a leisurely, flat five mile bike ride or take the Metro Liner to Balboa Park, stopping along the way to hear about the planning, design, construction, and operation elements that are making the Orange Line a model for sustainability, including:

- Integrated bike and transit planning
- Green design
- Technology
- Community mitigations
- Orange Line Sustainable Corridor Implementation Strategy - inter-agency housing, health, economic development, and mobility planning

Please wear loose clothing and comfortable shoes. Day temperatures in the San Fernando Valley can reach above 90 degrees. Bikes and helmets provided.

Tour Time: 3 hours

6 –7 p.m.
Watercourt

Welcome Reception

Monday, August 1

7 a.m. – 4:30 p.m.
Bunker Hill Foyer

Registration

7 – 6 p.m.
Bunker Hill Foyer

Products & Services Displays

7 – 8 a.m.
Bunker Hill Foyer

Continental Breakfast

8 – 9:30 a.m.
Bunker Hill

Opening Session

Welcome

William Millar, president, APTA

Goals and Overview

Kevin Desmond, chair, APTA Sustainability Committee, and general manager, King County Metro Transit, Seattle, WA

Welcome to Los Angeles Metropolitan Region

Arthur T. Leahy, chair, APTA Bus Standards Policy & Planning Committee, and executive officer, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

Romel Pascual, deputy mayor for the environment, City of Los Angeles, Los Angeles, CA

9:30 – 10:30 a.m.
Bunker Hill

Plenary Session: LA Metro Host Forum

Hear presentations and join the discussion on what Los Angeles County Metropolitan Transportation Authority is doing to make the region more livable and sustainable through smart transportation, land-use policies and sustainable operating practices.

Monday, August 1 (cont'd)

Moderator:

Pam O'Connor, board member, Los Angeles County Metropolitan Transportation Authority; board member, Santa Monica's Big blue Bus; and council member, City of Santa Monica, CA

Speakers:

Timothy Lindholm, director of capital projects, transit project delivery, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

Diego Cardosa, executive officer, countywide planning and development, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

John Drayton, vehicle acquisition manager, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

Dr. Emmanuel "Cris" Liban, P.E., manager, environmental compliance and services, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

10:30 – 10:45 a.m.
Bunker Hill Foyer

Break

10:45 a.m. – 12 p.m.
Bunker Hill

Plenary Session: International Perspectives

Gain an overview of current trends in sustainable development and transportation worldwide. Hear from the International Association of Public Transport (UITP), and the Institute for Transportation & Development Policy (ITDP) as well as the International Transit Studies Program's recent trip to India and China.

Moderator:

Kevin Desmond, chair, APTA Sustainability Committee, general manager, King County Metro Transit, Seattle, WA

Perspectives from ITDP

Walter Hook, executive director, Institute for Transportation and Development Policy, New York, NY

Monday, August 1 (cont'd)

International Transit Studies Program

Clinton S. Bench, deputy executive director, Office of Transportation Planning, Massachusetts Department of Transportation, Boston, MA

UITP Update

John M. English, chairperson, UITP Sustainable Development Commission, and chief executive officer, Utah Transit Authority, Salt Lake City, UT;

12 – 1:30 p.m.
Watercourt

Luncheon

Honorable Therese McMillan, deputy administrator
Federal Transit Administration, Washington, DC

1:45 – 5 p.m.

SUSTAINABILITY SEMINARS

Hear how APTA members are planning and operationalizing sustainability and making sustainable policy, procurement, design, construction, production, service, operations, and maintenance the modus operandi.

1:45 – 3:15 p.m.
Museum A

Part I: Sustainable Planning, Policy, and Community Development

This session focuses on partnerships for sustainable, healthy and livable communities, sustainable practices in transportation planning, land use, and urban design.

Moderator:

David M. Taylor, CNU, senior vice president, transportation solutions, HDR Engineering, Inc., Tampa, FL

Transit and MPO Partnerships for Sustainable Communities

Charles R. Goodman, director, Office of System Planning, Federal Transit Administration, Washington, DC

Developing a Multi-Modal Transportation Strategy for Sustainable Outcomes

Karen Messmer, board member, Intercity Transit, Olympia, WA

Monday, August 1 (cont'd)

Synergy and Sustainability: Leveraging Transit to Create Sustainable and Livable Communities

Cynthia Hoyle, FAICP, LCI, transportation planner, Champaign-Urbana Mass Transit District, Urbana, IL

Sustainable Corridor Strategy

Mitchell A. Alderman, director of transit and rail programs, San Bernardino Associated Governments, San Bernardino, CA

1:45 – 3:15 p.m.
Museum B

Part I: Green Design, Materials, and Infrastructure

This session focuses on integrating sustainability into the design and construction of projects and mitigating environmental impacts.

Moderator:

Tian A. Feng, district architect, **FAIA**, **FCSI**
San Francisco Bay Area Rapid Transit District,
Oakland, CA

In the Shadow of the Capital – Green Projects Effectiveness and Lessons Learned

Lawrence J. Murphy, surface transportation market leader,
CDM-Wilbur Smith Associates, New York, NY

Preserving the Past While Embracing a Sustainable Future: Rehabilitation of the Historic King Street Station

Tim Williams, LEED AP, associate partner, ZGF Architects LLP,
Seattle, WA

Beyond LEED- Operating in a Highly Efficient Facility

Ken Anderson, AIA LEED AP, senior associate, RNL Design,
Phoenix, AZ

Monday, August 1 (cont'd)

1:45 – 3:15 p.m.
Bradbury/Rose

Part I: Sustainable Operations – What You Can Do

This session focuses on energy-efficient, environmentally-sound, and socially-responsible practices in transit operations and maintenance, including the role of new technologies and energy-efficient fleets.

Moderator:

James De la Loza, senior vice president, planning and project development lead, West Region, AECOM, Los Angeles, CA

Speakers:

Walter Kulyk, director, Office of Mobility Innovation, Federal Transit Administration, Washington, DC

Shelly Verrinder, executive director, Access Services, El Monte, CA

Angela Miller, vice chair, APTA Information Technology Committee, and chief technology and sustainability officer, North County Transit District, Oceanside, CA

Felipe Zarate, president, TrustElement, Inc., New York, New York

1:45 – 3:15 p.m.
Bunker Hill

Part I: Sustainable Business Practices and Sustainable Organizations

This session focuses on sustainable business practices in areas such as manufacturing, procurement, project management, and employee engagement.

There will also be emphasis on sustainable practices and design in organizations, including green offices, workforce engagement, performance metrics, and sustainability reporting.

Moderator:

Jeff Wharton, co-chair, APTA Business Member Business Development Subcommittee; chair, APTA Business Member International Business Development Subcommittee; and president, IMPulse NC LLC, Mount Olive, NC

Leveraging Sustainability through Employee Engagement for a Competitive Future

Danielle Willis, planning team leader/sustainability coordinator, Greater Cleveland Regional Transit Authority, Cleveland, OH

Monday, August 1 (cont'd)

Our Route to Sustainability

Amy Miller, director of marketing, New Flyer, Winnipeg, MB

TransLink's Sustainability Approach

Trish Webb, director, corporate sustainability, South Coast British Columbia Transportation Authority (TransLink), Burnaby, BC

Institutionalizing Sustainability; An Approach to a Sustainable Culture

David J. Carlson, director of sustainable development, Parsons Corporation, Washington, DC

3:15 – 3:30 p.m.
Bunker Hill Foyer

Break

3:30 – 5 p.m.
Museum A

Part II: Sustainable Planning, Policy, and Community Development

Moderator:

Catherine Cox Blair, program director, Reconnecting America and Center for Transit-Oriented Development, Denver, CO

Grand Boulevard Initiative

Corinne Goodrich, strategic development manager, planning and development, San Mateo County Transit District, San Carlos, CA

Riding the Rails to a Sustainable Future: High Speed Rail (HSR) Sustainability

Margaret "Meg" Cederoth, AICP LEED, AP, lead planner, professional associate sustainability, Parsons Brinckerhoff, Chicago, IL

The Streetcar "Saddle:" Between Narrow Measures of Mobility Improvement and Economic Development

David Vozzolo, chair, APTA Major Capital Investment Planning Subcommittee, and vice president, HDR Engineering, Inc., Vienna, VA

Peter Mazurek, senior transit planner, HDR ENGINEERING, INC., Vienna, VA

John T. Crocker, director of development and regional coordination, Metropolitan Atlanta Rapid Transit Authority, Atlanta, GA

Monday, August 1 (cont'd)

3:30 – 5 p.m.
Museum B

Part II: Green Design, Sustainable Indicators, and Infrastructure

Moderator:

Dr. Gary McVoy, vice president, sustainability and climate, Parsons Brinckerhoff, Washington, DC

Sustainable Transportation Analysis and Rating System (STARS)

Paul Horton, principal consultant, LeighFisher, Burlingame, CA

Incorporating Subjective Well-Being into Transit Planning

Christopher Behr, LEED AP, section manager, HDR Decision Economics, Silver Spring, MD

Sustainable Transit Design – Accomplishing More by Building Less

Catherine Calvert AIA, MAIBC, LEED AP, director – community sustainability, VIA Architecture, Seattle, WA

Green City, Clean Waters – Philadelphia’s Green Streets and a Living Bus Shelter

Mathew Joseph Condiotti, P.E., project engineer, CDM – Wilbur Smith Associates, Cambridge, MA

Tiffany Ledesma Groll, public outreach specialist, Philadelphia Water Department/TPEC, Philadelphia, PA

3:30 – 5 p.m.
Bunker Hill

Part II: Sustainable Operations – What You Can Do

Fleets Don’t Fail Me Now - How Prudent Operators Are Planning Low/Zero Emission Bus Fleets

With so many challenges involved in planning and implementing zero emissions bus fleets, bus transit operators have kept this idea under the radar. Join a cross-section of bus transit operators and hear how they are approaching long-term planning and decision-making necessary to achieve a low- or zero-emissions bus fleet over the next 15-30 years. Hear the technical, safety, and commercial considerations that impact plans. Join a lively talk show format and be part of the conversation.

Moderator:

Collette T. Ericsson, P.E. LEED AP, vice chair, APTA Policy & Planning Environmental Subcommittee, and chief officer, environmental sustainability, MTA New York City Transit Department of Buses, New York, NY

Monday, August 1 (cont'd)

Panelists:

John Drayton, director of fleet technology, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

George Karbowski, co-vice chair, APTA Clean Propulsion & Support Technology Committee, and director of operations and maintenance, Foothill Transit, West Covina, CA

Marty Meller, co-vice chair, APTA Clean Propulsion & Support Technology Committee, and manager, climate action and greening, San Francisco Municipal Transportation Agency, San Francisco, CA

Karl Peet, project manager, strategic planning and policy, Chicago Transit Authority, Chicago, IL

Luc Tremblay, major engineering studies manager, Societe de Transport de Montreal, PQ

3:30 – 5 p.m.
Bradbury/Rose

Part II: Sustainable Business Practices and Sustainable Organizations

Moderator:

Susannah Kerr Adler, AIA, vice president/national director-transportation facilities, URS Corporation, Washington, DC

Green Procurement Practices

Susan Reed Tanaka, manager-engineering, Toronto Transit Commission, Toronto, ON

Garbage to Gold: Developing a Recycling Program that Pays

Erik Johanson, strategy & sustainability planner, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Valley Metro's Initiative

Robert Forrest, environmental planner III, Valley Metro Rail Inc., Phoenix, AZ

Creating a Culture of Sustainability

Stephanie "Tesse" Rasmussen, senior consultant, InfraConsult, LLC, Laguna Beach, CA

Session sponsored by:



Monday, August 1 (cont'd)

5:15 – 6:15 p.m.

APTA Sustainability Commitment Subcommittee Meeting

Watercourt

6:30 – 9 p.m.

Networking Social Event (Outside Hotel)

Join your colleagues at LA Live, Los Angeles' premier destination for sports and live entertainment. LA Live features sports and music venues, restaurants, the Grammy Museum, a bowling alley and more. It is also home to Staples Center and Nokia Theatre – site of the Primetime Emmy Awards. Visit LA Metro desk for more details.

Tuesday, August 2

7 a.m. – 5 p.m.

Registration

Bunker Hill Foyer

7 a.m. – 5 p.m.

Products & Services Displays

Bunker Hill Foyer

7 – 8 a.m.

Continental Breakfast

Bunker Hill Foyer

8 – 9:30 a.m.

Transit and Greenhouse Gas Emissions: Making Public Transportation Prominent on Climate Action

APTA Standards Leading the Way

Numerous cities, states, and regions across the country have set greenhouse gas emission reductions targets. This session focuses on how the transportation environment is being affected and how transit agencies are playing a key role. What is the policy context for transit agencies' actions in the climate arena? What is transit's true carbon reduction impact?

Tuesday, August 2 (cont'd)

How are agencies going about planning and decision-making on which climate actions to take?

Moderator:

Eric Hesse, chair, APTA Standards Climate Change Working Group, and strategic planning analyst, Tri-County Metropolitan Transportation District of Oregon, Portland, OR

Speakers:

Projjal K. Dutta, AIA LEED AP, director, sustainable initiatives, Metropolitan Transportation Authority, New York, NY

Mark Minor, project manager, regional coordination, Regional Transportation Authority, Chicago, IL

Timothy N. Papandreou, deputy director, sustainable streets, San Francisco Municipal Transportation Agency, San Francisco, CA

9:30 – 9:45 a.m.
Bunker Hill Foyer

Break

9:45 – 11:45 a.m.
Bunker Hill

Concurrent Peer Exchanges

Partnerships and Planning for Livable and Sustainable Communities and Corridors

Across the country, communities are eager to build more livable and sustainable neighborhoods and corridors. Some regions have projects ready to go but lack funds to get started. Other communities are excited about planning a sustainable future but need help in taking the next steps to translate ideas into implementation. Hear from a panel on how they are turning vision to reality with help from grants and program funds under the Federal Partnership for Sustainable Communities.

Moderator:

Cliff Henke, chair, APTA Business Member Government Affairs Committee, and senior analyst, Parsons Brinckerhoff, Arcadia, CA

Tuesday, August 2 (cont'd)

Speakers:

Deirdre M. Oss, AICP, senior planner, CPD-Plan Implementation, City and County of Denver, Denver, CO

Clint Harbert, AICP, senior director, system planning and development, Metropolitan Transit Authority of Harris County, Houston, TX

Francie Stefan, strategic and transportation planning manager, City of Santa Monica, CA

Robin Blair, director citywide planning & development, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

Dennis Allen, executive director, Los Angeles Streetcar Inc., Los Angeles, CA

Abigail Thorne-Lyman, project director, Reconnecting America, Oakland, CA

9:45 – 11:45 a.m.
Museum B

Moving Forward on Environmental Management Systems and Sustainable Plans

This round table focuses on the practical side of implementing Environmental Management Systems (EMS) and how they can serve as a framework for sustainable plans. Hear brief presentations from FTA on EMS. Following that, hear from transit system representatives that have or are in the process of implementing an EMS. They will share innovative approaches and practices, benefits, obstacles, and lessons learned.

Moderator:

Diana C. Mendes, AICP, senior vice president, director of strategic investments for transportation, AECOM, Arlington, VA

Speakers:

Antoinette Quagliata, LEED AP, environmental protection specialist, Office of Planning and Environment, Federal Transit Administration, Washington, DC

Dan Locke, environmental compliance administrator, Utah Transit Authority, Salt Lake City, UT

Dr. Emmanuel “Cris” Liban, P.E., manager, environmental compliance and services, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

Tuesday, August 2 (cont'd)

Drew D. Bargmann, planner, Champaign-Urbana Mass Transit District, Urbana, IL

Christine Anderson, special projects manager, King County Metro, Transit, Seattle, WA

Amy Shatzkin, sustainability manager, Sound Transit, Seattle, WA

9:45- 11:45 a.m.
Museum A

Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER)

Join and participate in a Transit Investments for Green House Gas and Energy Reduction (TIGGER) Program educational exchange and share innovative ideas that have TIGGER-like elements. Learn about the history, current issues, and future of the program. Enjoy presentations by your colleagues in the field and learn about the ongoing efforts of the TIGGER Assessment Program. Focus will also be given to the fiscal year 2011 TIGGER Program and potential changes under the fiscal year 2012 budget.

Speakers:

Walter Kulyk, director, Office of Mobility Innovation, Federal Transit Administration, Washington, DC

Matthew Lesh, transportation program specialist, Office of Mobility Innovation Research, Demonstration & Innovation, Federal Transit Administration, Washington, DC

Leslie Eudy, senior program manager, TIGGER Assessment Program, National Renewable Energy Laboratory/Office of Energy Efficiency & Renewable Energy, U.S. Department of Energy, Golden, CO

Dana Coyle, research analyst, Metropolitan Transportation Authority, New York, NY

Trevina Wang, King Street Station program manager, Seattle Department of Transportation, Seattle, WA

Andrew D. Brennan, director of environmental affairs, Massachusetts Bay Transportation Authority, Boston, MA

Thomas W. Fitzwater, AICP, manager, Environmental Programs and Resources Management, Santa Clara Valley Transportation Authority, San Jose, CA

Tuesday, August 2 (cont'd)

12 - 1:30 p.m.
Watercourt

Luncheon

The Federal Partnership for Sustainable Communities

Come join a lunchtime celebration of the 2nd anniversary of the partnership that helps support innovative strategies that connect housing and transportation to jobs, health care, and environmental benefits. Hear about upcoming funding opportunities and regional perspectives from the U.S. Department of Housing and Urban Development, U.S. Department of Transportation, and U.S. Environmental Protection Agency.

Facilitator:

Honorable Therese McMillan, deputy administrator, Federal Transit Administration, Washington, DC

Panelists:

Leslie Rogers, regional administrator, Region IX, Federal Transit Administration, San Francisco, CA

Ophelia Basgal, regional administrator, Region IX, U.S. Department of Housing and Urban Development, San Francisco, CA

Enrique Manzanilla, director, Communities and Ecosystems Division, U.S. Environmental Protection Agency, Region IX, San Francisco, CA

Luncheon sponsored by CDM and APTA:



Tuesday, August 2 (cont'd)

1:30 – 3 p.m.
Watercourt

Closing Round Table: The Value of Sustainability

Join a prominent panel of sustainability leaders in an interactive discussion on how to leverage, measure, and communicate the value of sustainability for the transit industry as well as transit's contribution to sustainable communities.

Moderator:

Kevin Desmond chair, APTA Sustainability Committee, and general manager, King County Metro Transit, Seattle, WA

Panelists:

J. Barry Barker, executive director, Transit Authority of River City, Louisville, KY

Gordon Feller, director, urban innovation, Cisco Systems, Inc., San Jose, CA

Clinton Bench, deputy executive director, Office of Transportation Planning, Massachusetts Department of Transportation, Boston, MA

Cynthia Jarrold, Rosa Parks federal policy coordinator, Transportation Equity Network, Overland Park, KS

Daniel A. Rosenfeld, senior deputy for economic development, Office of Mark Ridley-Thomas, Supervisor, Second District, County of Los Angeles, CA

3:30 – 5:30 p.m.
Hershey/Crocker

APTA Sustainability Committee Meeting

Wednesday, August 3

7 – 8 a.m. **Continental Breakfast and Registration**

8 a.m. – 12 p.m.
Watercourt A&B **FTA Transit and Climate Change
Adaptation Workshop (Registration required)**

8 a.m. **Welcome:**
Leslie Rogers, regional administrator, Region IX, Federal Transit Administration, San Francisco, CA

Introductory Remarks:
Honorable Therese McMillan, deputy administrator
Federal Transit Administration, Washington, DC

8:15 a.m. **Moderator:**
Tina Hodges, program analyst, Office of Budget and Policy, Federal Transit Administration, Washington, DC

Climate Change Adaptation: What the Science Tells Us and How Practitioners Can Use the Science
Tod Delaney, president, First Environment, Boonton, NJ

Climate Change Impacts and Adaptation in Southern California
Paul Bunje, executive director, Center for Climate Change Solutions, UCLA Institute of the Environment & Sustainability, Los Angeles, CA

Los Angeles Metro Climate Change Adaptation Efforts
Dr. Emmanuel “Cris” Liban, P.E., manager, environmental compliance and services, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

New York MTA’s Climate Adaptation Efforts
Projjal K. Dutta, AIA LEED AP, director, sustainable initiatives, Metropolitan Transportation Authority, New York, NY

Transport for London’s Climate Adaptation Efforts
Helen Woolston, group environment and climate change coordinator, Transport for London UK

9:45 a.m. **Questions and Answers / Discussion**

Wednesday, August 3 (cont'd)

10:10 a.m. **Instructions for Interactive Mock
Risk Assessment**

Facilitator:

Tina Hodges, program analyst, Office of Budget and Policy, Federal Transit Administration, Washington, DC

10:20 a.m. **Break**

10:30 a.m. **Interactive Mock Risk Assessment**

Participants divide into pre-assigned groups of five and each group uses a risk assessment matrix to assess climate change risks to a mock transit system based on provided scenario information. Participants prioritize risks according to likelihood and consequence. The scenario for each group varies by region of the country, projected climate impacts, size and type of transit agency, etc. Groups are assigned to have individuals from maintenance, engineering, planning, operations, and emergency management; and each individual is asked to play the role of the manager of a transit agency department or a stakeholder. Risk assessment tool is based on New York and London systems tools. (Speakers from the panel will circulate among the groups).

11:20 a.m. **Report Back From Break-Outs**

Moderator:

Eric Hesse, chair, APTA Standards Climate Change Working Group; and strategic planning analyst, Tri-County Metropolitan Transportation District of Oregon, Portland, OR

Wednesday, August 3 (cont'd)

11:40 a.m.

Path Forward

Moderator:

Kate Mattice, deputy associate administrator for budget and policy, Federal Transit Administration, Washington, DC

Group discussion of next steps to improve transit resilience to climate change impacts. What is needed to further adaptation concepts and strategies and how best can these be accomplished? How can FTA, APTA, and transit agencies that have already begun addressing climate advance the conversation and state of practice?

12 p.m.

Adjourn

1:30 – 5:30 p.m.
Museum A

APTA Standards Urban Design Working Group Meeting

1:30 – 5:30 p.m.
Museum B

APTA Standards Sustainability Performance Metrics Working Group Meeting

Thursday, August 4

8 a.m. – 5 p.m.
Museum B

APTA Standards Urban Design Working Group Meeting

8 a.m. – 5 p.m.
Museum A

APTA Standards Sustainability Performance Metrics Working Group Meeting
