



*AMERICAN  
PUBLIC  
TRANSPORTATION  
ASSOCIATION*

# **APTA 2010 Sustainability and Public Transportation Workshop**

**Creating a Culture of Sustainability-  
Forming New Partnerships  
With and Within Public Transportation**

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**Westin Times Square Hotel, New York  
July 25-27, 2010**

**2010 APTA SUSTAINABILITY AND PUBLIC  
TRANSPORTATION WORKSHOP  
WESTIN TIMES SQUARE HOTEL  
NEW YORK  
JULY 25-27, 2010**

Join public transportation and sustainability professionals from across the country for this 6th annual APTA Sustainability and Public Transportation Workshop focusing on “Creating a Culture of Sustainability”. This premier event focuses on new business practices and innovations in sustainability within the transit industry, the role of public transportation in creating livable communities and the partnerships that can facilitate that.

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 New York City and its surroundings are 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:



**U.S. Department of Transportation**  
**Federal Transit Administration**

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**YEARS** ®

# 2010 Sustainability and Public Transportation Workshop At-A-Glance

Sunday, July 25	Monday, July 26	Monday, (continued)
<p>10 a.m. – 6 p.m. Registration Broadway Foyer</p> <p>12:30 – 5 p.m. Sustainability in Action Tours</p> <p>6 – 7 p.m. Welcome Reception Products and Services Showcase Gershwin Foyer</p>	<p>7 a.m. – 4:30 p.m. Registration Broadway Foyer</p> <p>7 a.m. – 6 p.m. Products and Services Showcase Gershwin Foyer</p> <p>7:30 – 8 a.m. Continental Breakfast Gershwin Foyer</p> <p>8 – 8:50 a.m. Opening Session Broadway Ballroom</p> <p>8:50 – 9:30 a.m. “Green and Going Greener” – sustainability and the MTA</p> <p>9:30 – 10:30 a.m. Federal Partners for Advancing Livable and Sustainable Communities Broadway Ballroom</p> <p>10:30 – 10:45 a.m. Break Broadway Foyer</p> <p>10:45 a.m. – 12 noon It Takes a Region: Putting Livable and Sustainable Communities Into Practice Broadway Ballroom</p> <p>12 noon – 1:30 p.m. Luncheon Gershwin Ballroom</p>	<p>1:45 – 5 p.m. Sustainability Seminars</p> <p>1:45 – 3:15 p.m. Part I: Sustainable Planning, Policy, and Community Development Broadway III</p> <p>1:45 – 3:15 p.m. Part I: Green Design, Materials and Infrastructure Broadway II</p> <p>1:45 – 3:15 p.m. Part I: Sustainable Operations – What You Can Do Broadway I</p> <p>3:15 – 3:30 p.m. Break Broadway Foyer</p> <p>3:30 – 5 p.m. Part II: Sustainable Planning, Policy, and Community Development Broadway II</p> <p>3:30 – 5 p.m. Part II: Green Design, Materials and Infrastructure Broadway I</p> <p>3:30 – 5 p.m. Part II: Sustainable Operations – What You Can Do Broadway III</p> <p>5 – 7 p.m. FTA Outreach on ANPRM on New and Small Starts Criteria Minetta</p>

Tuesday, July 27	Tuesday, (continued)	Wednesday, July 28
<p>7 a.m. – 1 p.m. Registration Broadway Foyer</p> <p>7 – 8 a.m. Breakfast Gershwin Foyer</p> <p>7 a.m. – 5 p.m. Products and Services Showcase Gershwin Foyer</p> <p>8 – 9 a.m. Creating a Sustainability Culture Broadway Ballroom</p> <p>9 – 10 a.m. What the Social Pillar of Sustainability Really Means to the Transit Industry Broadway Ballroom</p> <p>10 – 10:15 a.m. Break Broadway Foyer</p> <p>10:15 – 11:45 a.m. Tools and Products for Measuring and Managing Sustainability Broadway Ballroom</p> <p>12 noon – 1:45 p.m. Luncheon Broadway Ballroom</p> <p>2 – 3:30 p.m. Transit Leaders Roundtable Broadway Ballroom</p> <p>3:30 – 5 p.m. APTA Sustainability Committee Gershwin I</p>	<p>5 – 6 p.m. APTA Sustainability Commitment Technical Advisory Subcommittee Gershwin I</p> <p>5 – 6 p.m. Transit and MPO Partnerships for Livable and Sustainable Communities – a peer exchange Broadway Ballroom</p>	<p>7 – 8 a.m. Breakfast Gershwin Foyer</p> <p>8 a.m. – 5 p.m. Meetings of the APTA Sustainability and Urban Design Standards Working Groups</p> <p>APTA Standards Climate Change Working Group Eric Hesse, chair Minskoff Room</p> <p>APTA Standards Urban Design Working Group Paul Bay, chair Palance Room</p> <p>APTA Standards Sustainability Design Working Group Tian Feng, chair New Amsterdam Room</p>

# 2010 Sustainability and Public Transportation Workshop

**Sunday, July 25**

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**10 a.m. – 6 p.m.**  
**Broadway Foyer**

**Registration**

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**12:30 – 5 p.m.**  
**(note times may change)**

**Sustainability in Action Tours**

**Check in at the MTA desk in Broadway Foyer by 12 p.m.**

**Tour 1: Green Train Station and Transportation Facility Tour**  
**(25 person limit)**

**Fare Cards sponsored by Veolia Transportation**

This tour will combine a trip to the greenest transportation facility in the world with a visit to a sustainable train station complex equipped with solar energy.

The tour participants will leave at 1 p.m. from the lobby and ride the famous #7 Line to the Corona Maintenance Shop in Queens. On the way, participants will get off at the Roosevelt Ave/74<sup>th</sup> Street Station for a brief look around the station to see a prototype sustainable station complex including a look at the solar canopy installation.

The tour will continue to the Corona Maintenance Shop where sustainable features of the building will be highlighted. The complete tour will be guided by MTA NYCT environmental engineering personnel. It will conclude with a subway trip back to the Westin Hotel by 5 p.m.

## Sunday, continued

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Corona Rail Maintenance Shop and Car Wash has a unique distinction of being the first New York City Transit (NYCT) facility to achieve LEED® certification, and also probably the first LEED® certified rail shop in the United States. Energy and water savings galore are the result of a very practical approach to sustainability, something that NYCT has been practicing since before green design became fashionable. Natural lighting and natural ventilation, heat recovery units, rainwater collection to offset potable water consumption for train washing, thermally efficient building envelope and recycling of construction debris are all no-nonsense tried and true "green" strategies; when augmented by environmental stewardship through the use of local and recycled materials, a truly earth-friendly and worker-friendly building style emerges to support public transportation operations. And, installation of both 100kw solar panel array as well as a 200kw fuel cell, on top of the white reflective roof, is just icing on the cake. Employee productivity soared as measured by train cars' Mean Distance Between Failures. No wonder Corona Shop has been featured in Sundance Channel "Big Ideas for the Small Planet," BBC World series on climate change and Channel 13 program "Going Green New York." In fact, NYCT's educational and promotional value has been recognized by US Green Building Council - it was awarded an "Innovation in Design" credit towards Corona's LEED Certification.

### Roosevelt Ave – 74<sup>th</sup> Street Station Complex

Photovoltaic (PV) or solar panels are installed in Jackson Heights, Queens at the busiest transportation hub in the transit system outside of Manhattan with over 168 thousand daily customers [and conveniently located along the #7 line that leads to/from Corona Maintenance Shop]. This PV installation is of a smaller scale, yet it is not lacking in innovation. Stick-on rolls of vandal-proof thin-film photovoltaic panels are nested between the standing seams of the standard canopy of an above-ground subway station serving the #7 line - a practice that can in time be duplicated on hundreds of thousands of square feet of available non-

## Sunday, continued

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shaded canopy space on numerous elevated stations of our vast system. And, another modest but productive crystalline array covers bus waiting areas and produces renewable power while keeping our customers dry and shaded. Together the two systems are rated to 65kW. The hub also incorporates sustainable features like natural lighting, natural ventilation, and high recycled content in building material.

### **Tour 2: Select Bus Service & Kingsbridge Bus Depot**

In this two for one tour, MTA's bus companies will show off NYC's first operational Select Bus Service (SBS) route on Fordham Road in the Bronx and northern Manhattan. SBS is New York City Transit's new innovative BRT service designed to reduce travel time and increase reliability and the level of comfort for customers along the most heavily traveled corridors throughout the city. SBS is a collaboration between the MTA and New York City's Department of Transportation, which manages the city's bus stops and roadways, including bus lanes and traffic signals. Since its implementation in 2008, SBS service on Fordham Road has increased ridership by 30 percent and has decreased travel times by as much as 24 percent.

We will then tour Kingsbridge Bus Depot, home garage for 266 diesel-electric hybrid and articulated buses, which has recently undergone a comprehensive energy upgrade project. Working with the New York Power Authority (NYPA), many systems at this 426,000 square foot depot were replaced or upgraded, including the lighting and compressors, and variable frequency drive fan motors and demand control ventilation were installed. This project has resulted in electricity savings of 22 percent. During the tour, MTA will explain its partnership with NYPA, which has allowed the MTA to complete dozens of energy efficiency projects throughout the organization that would otherwise have gone unfunded.



## Sunday, continued

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### **Tour 3: Self-guided Tour – Safari 7**

Safari 7 is a self-guided tour of urban wildlife along the 7 subway line. The 7 Line is a physical, urban transect through New York City's most diverse range of ecosystems. Affectionately called the International Express, the 7 line runs from Manhattan's dense core, under the East River, and through a dispersed mixture of residences and parklands, terminating in downtown Flushing, Queens, the nation's most ethnically diverse county.

Safari 7 circulates an ongoing series of podcasts and maps that explore the complexity, biodiversity, conflicts, and potentials of New York's ecosystems. Safari 7 imagines train cars as eco-urban classrooms and invites travelers to act as park rangers in their city. <http://safari7.org/home/>

### **Tour 4: Self-guided Tour – The High Line**

The High Line was built in the 1930s, as part of a massive public-private infrastructure project called the West Side Improvement. It lifted freight traffic 30 feet in the air, removing dangerous trains from the streets of Manhattan's largest industrial district. No trains have run on the High Line since 1980. Friends of the High Line, a community-based non-profit group formed in 1999 when the historic structure was under threat of demolition.

Section 1 of the High Line is open as a public park, owned by the City of New York and operated under the jurisdiction of the New York City Department of Parks & Recreation.

When all sections are complete, the High Line will be a mile-and-a-half-long elevated park, running through the West Side neighborhoods of the Meatpacking District, West Chelsea and Clinton/Hell's Kitchen. It will feature an integrated landscape, combining meandering concrete pathways with native plantings.

## Sunday, continued

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Take a stroll on the High Line before or after dinner in Manhattan's Meatpacking District. Gorgeous sunsets over the Hudson River are viewable from most of the park.

<http://www.thehighline.org/about/park-information>

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**6 – 7 p.m.**  
**Gershwin Foyer**

**Welcome Reception**  
**Products and Services Showcase**

# Monday, July 26

7 a.m. – 4:30 p.m.  
Broadway Foyer

7 a.m. – 6 p.m.  
Gershwin Foyer

7:30 – 8 a.m.  
Gershwin Foyer

8 – 8:50 a.m.  
Broadway Ballroom

8:50 – 9:30 a.m.

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## Registration

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## Products and Services Showcase

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## Continental Breakfast

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## Opening Session

***Welcome and Opening Remarks:***

**Jay H. Walder**, chairman and CEO, Metropolitan Transportation Authority, New York, NY

**William Millar**, president, American Public Transportation Association, Washington, DC

***Goals and Overview***

**Fred Hansen**, immediate past chair, APTA Sustainability Task Force, Portland, OR

***NYC Sustainable Streets***

**Janette Sadik-Khan**, president, National Association of City Transportation Officials, and commissioner, New York City Department of Transportation, New York, NY

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## “Green and Going Greener” – Sustainability and the MTA

Front-line staff from the MTA agencies will share innovative ways to green operations, discuss what it takes to create a culture of sustainability and underscore what is often overlooked: how the MTA network can be leveraged to give New York City and the bi-state MTA region a lighter carbon footprint than the city and region already have.

**Moderator:**

**Ernest Tollerson**, director, sustainability and environmental compliance, Metropolitan Transportation Authority, New York, NY

## Monday, continued

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### **Panel Members:**

**Colette Ericsson**, chief officer, operations and sustainability, New York City Transit, Department of Buses, New York, NY

**Thomas Abdallah**, chief engineer, capital program management, New York City Transit, New York, NY

**Vahak Khajekian**, assistant director, TOD design, business development and facilities, Metro North, New York, NY

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**9:30 – 10:30 a.m.**  
**Broadway Ballroom**

### **Federal Partners for Advancing Livable and Sustainable Communities**

Federal agencies are helping to create partnerships between public transportation, economic development agencies, local governments, housing, energy providers and many other actors to take a far more holistic approach to planning, development and rehabilitation. Hear lessons learned from current federal funding programs, the latest on the interagency partnership for sustainable communities, and what role the federal government is playing to create visible results.

### **Moderator:**

**Christopher P. Boylan**, vice chair, management and finance, APTA, and deputy executive director, corporate affairs and communications, Metropolitan Transportation Authority, New York, NY

### ***Interagency Partnership***

**Polly Trottenberg**, assistant secretary for transportation policy, U.S. Department of Transportation, Washington, DC

**Shelley Poticha**, director and senior advisor for sustainable housing and communities, U.S. Department of Housing and Urban Development, Washington, DC

**John Thomas**, senior policy analyst, office of sustainable communities, U.S. Environmental Protection Agency, Washington, DC

### ***Legislative Update***

**Mitch Warren**, senior policy adviser, Senate Committee on Banking, Housing, and Urban Affairs Washington, DC

### ***The Energy Perspective***

**Dr. Henry Kelly**, principal deputy assistant secretary for the office of energy efficiency and renewable energy, Department of Energy, Washington, DC

## Monday, continued

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10:30 – 10:45 a.m.  
Broadway Foyer

**Break**

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10:45 a.m. – 12 noon  
Broadway Ballroom

### **It Takes a Region: Putting Livable and Sustainable Communities Into Practice**

How are transit systems, regional councils, and metropolitan planning organizations partnering for sustainable and livable outcomes in plans, programs and projects? The session will focus on these partnerships highlighting new federal and regional investments to improve the quality of the living and working environment of communities.

**Moderator:**

**Brigid Hynes-Cherin**, regional administrator, region 2, Federal Transit Administration, New York, NY

***Philadelphia Region Partners***

**Richard G. Bickel**, FAICP, director, planning division, Delaware Valley Regional Planning Commission, Philadelphia, PA

**Byron S. Comati**, director of strategic planning and analysis, finance and planning, South Eastern Pennsylvania Transportation Authority, Philadelphia, PA

***Chicagoland Partners***

**Leanne P. Redden**, senior deputy executive director strategic planning and regional programs, Regional Transportation Authority, Chicago, IL

**Donald Kopec**, deputy director, planning and programs, Chicago Metropolitan Agency for Planning, Chicago, IL

***New Orleans Streetcar Expansion for a Sustainable and Livable Community***

**Justin Augustine III**, CEO, New Orleans Regional Transit Authority, New Orleans, LA

**David Vozzolo**, 1<sup>st</sup> vice chair, APTA Major Capital Investment Subcommittee, and vice-president, HDR Engineering, Inc., Alexandria, VA

## Monday, continued

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**12 noon – 1:30 p.m.**  
**Gershwin Ballroom**  
**Joint Luncheon with Multimodal Operations Workshop**

### **Luncheon**

**Introduction:**  
**William Millar**

**Featured Speaker:**  
**Therese McMillan**, deputy administrator, Federal Transit Administration, Washington, DC

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**1:45 – 5 p.m.**

### **Sustainability Seminars**

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

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**1:45 – 3:15 p.m.**  
**Broadway III**

### **Part I: Sustainable Planning, Policy, and Community Development**

Hear about the sustainable practices in transportation planning, land use planning and urban design.

**Moderator:**  
**Diana C. Mendes**, AICP, chair, APTA Policy and Planning Committee, and senior vice president, AECOM, Arlington, VA

**Sustainable Mobility for San Francisco**  
**Timothy N. Papandreou**, deputy director sustainable streets-transportation planning, San Francisco Municipal Transportation Agency, San Francisco, CA

**Climate Action Plans**  
**Mark Minor**, project manager, regional coordination Regional Transportation Authority, Chicago, IL

**Developer Perspective on Sustainable Communities**  
**Pres Kabacoff**, chief executive officer, HRI Properties, New Orleans, LA

## Monday, continued

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1:45 – 3:15 p.m.  
Broadway II

### **Part I: Green Design, Materials and Infrastructure**

The session focuses on integrating sustainability into facilities and capital projects and mitigating environmental impacts while under construction.

**Moderator:**

**David Taylor**, CNU, senior vice president, national director, sustainable transportation solutions, HDR Engineering, Inc., Tampa, FL

***BRT for Sustainable Streets***

**Joseph Barr**, AICP, director, transit development office of strategic planning, New York City Department of Transportation, New York, NY

***Greening an Intermodal Operations Center***

**Seth Horton**, CPC, EIT, LEEDAP, project manager, Progressive AE, Grand Rapids, MI

***Sustainability in Transit Design – Lessons from the U.K.***

**Zoe Haseman**, associate director, LeighFisher, Burlingame, CA

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1:45 – 3:15 p.m.  
Broadway I

### **Part I: Sustainable Operations – What You Can Do**

The session focuses on energy-efficient and environmentally sound practices in transit operations and maintenance.

**Moderator:**

**Susannah Kerr Adler**, vice chair, APTA Sustainability Committee, and vice president, manager – architecture & buildings resource center, Parsons Brinckerhoff, Washington, DC

**Speakers:**

***How Your Information Technology Team Can Assist with Your Sustainability Initiatives***

**Angela Miller**, chief technology and sustainability officer, North County Transit District, San Diego, CA

***Recycling and Composting at Maintenance Yards***

**Julie Bryant**, zero waste specialist, San Francisco Department of the Environment, San Francisco, CA

# Monday, continued

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**Violet Henderson**, compost coordinator, San Francisco Municipal Transportation Agency, San Francisco, CA

***Electrifying Savings: Life Cycle Cost Modeling and the Zero Emissions Bus***

**Lauren Cochran**, operations analyst, Foothill Transit, West Covina, CA

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**3:15 – 3:30 p.m.**  
**Broadway Foyer**

## Break

Break sponsored by ERM



**3:30 – 5 p.m.**  
**Broadway II**

## Part II: Sustainable Planning, Policy, and Community Development

**Moderator:**  
**David Taylor**

***Linking Smart Growth and Transit***

**Daniel Hernandez**, director of planning, Jonathan Rose Companies, New York, NY

***Climate Action Plan for Westchester County***

**Tod Delaney**, president, First Environment, Boonton, NJ

***Greening of Hudson Yards***

**Aron Kirsch**, senior vice president for planning and construction, Hudson Yards Development Corporation, New York, NY

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**3:30 – 5 p.m.**  
**Broadway I**

## Part II: Green Design, Materials and Infrastructure

**Moderator:**  
**Susannah Kerr Adler**

***Renewable Energy Designs for MBTA***

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

***LAMTA's Division 13 - Green Facility Design in the Urban Context***

**Ken Anderson**, senior associate, RNL Design, Phoenix, AZ



## Monday, continued

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***Portland Mall – Green Design as Catalyst to Community Building***

**Ron Stewart**, AIA, LEED AP, principal, ZGF Architects LLP, Portland, OR

**Steve McGuire**, head of environmental and sustainable initiatives, Philips Lighting North America, Somerset, NJ

Session sponsored by



Solutions for Life™

**3:30 – 5 p.m.**  
**Broadway III**

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## **Part II: Sustainable Operations – What You Can Do**

**Moderator:**  
**Diana C. Mendes**

***How NJ TRANSIT developed its Sustainability Program***

**David Gillespie**, director, energy and sustainability programs, capital planning and programs, NJ TRANSIT, Newark, NJ

***Asheville, North Carolina's Sustainable Operations Plan***

**Rebecca Jablon**, AICP, LEED AP, CDM, Falls Church, VA

***Greening Operations***

**Cynthia Hoyle**, FAICP, transportation planning consultant, Champaign-Urbana Transit District, Urban, IL

Session sponsored by CDM

**5 – 7 p.m.**  
**Minetta**

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## **FTA Outreach on ANPRM on New and Small Starts Criteria**

## Monday, continued

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7 – 9 p.m.  
Offsite

### Networking Social Event

Take a stroll with your colleagues on the High Line before or after dinner in Manhattan's Meatpacking District. Gorgeous sunsets over the Hudson River are viewable from most of the park. Enjoy a dutch treat dinner with your colleagues.

<http://www.thehighline.org/about/park-information>

## Tuesday, July 27

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7 a.m. – 5 p.m.  
Broadway Foyer

### Registration

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7 a.m. – 5 p.m.  
Gershwin Foyer

### Products and Services Showcase

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8 – 9 a.m.  
Broadway Ballroom

### Creating a Sustainability Culture

Within organizations, having an effective sustainability program means a collaborative effort across departments and embedding sustainability from top to bottom and bottom to top. How is that dynamic created and what kind of internal partnerships are being formed and with what outcomes?

**Moderator:**

**Doran Barnes**, vice chair - human resources, APTA, and executive director, Foothill Transit, Covina, CA

**Speakers:**

***Creating Employee Engagement in Sustainability***  
**Patti Prairie**, CEO, Brighter Planet, Shelburne, VT

## Tuesday, continued

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### ***Integrating Sustainability From the Boardroom to the Field***

**Felipe Zarate**, executive director and co-founder, TrustElement, Inc., New York, NY

### ***Sustainability: Changing the Mindset at TTC***

**Adam Giambrone**, chair, Toronto Transit Commission, Toronto, ON

Session sponsored by Accenture



**9 – 10 a.m.**  
**Broadway Ballroom**

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## **What the Social Pillar of Sustainability Really Means to the Transit Industry**

Concepts such as “Corporate Social Responsibility” are being widely adopted and used internationally in the transit industry and outside – how is this being articulated and how can this be incorporated in the American business model and tied into livable communities?

### **Moderator:**

**John English**, vice- chair, APTA Sustainability Committee, and chief executive officer, Utah Transit Authority, Salt Lake City, UT

### **Speakers:**

#### ***Putting the “S” on Sustainability and Society***

**Heather Allen**, senior manager, sustainable development, International Association of Public Transport (UITP), Brussels, Belgium

#### ***Mobility for Everybody – Social Cohesion and Inclusion in Public Transport***

**Peter Muller-Marschhausen**, head of human resources, Leipziger Verkehrs Betriebe, Leipzig, Germany

#### ***Social Corporate Responsibility: AECOM's Journey of Continuous Improvement***

**Diana C. Mendes**, senior vice president, AECOM, Arlington, VA

## Tuesday, continued

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**10 - 10:15 a.m.**  
**Broadway Foyer**

**Break**

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**10:15 -11:45 a.m.**  
**Broadway Ballroom**

### **Tools and Products for Measuring and Managing Sustainability**

Hear the latest on guidance and recommended practices including how to develop climate action plans and establish environmental management systems.

**Moderator:**

**Eric Hesse**, co-chair, APTA Standards Climate Change Working Group, and strategic planning analyst, office of the general manager, Tri-County Transportation District of Oregon, Portland, OR

**Speakers:**

***FTA's EMS Training Program***

**Antoinette Quagliata**, LEED AP, environmental protection specialist, Federal Transit Administration, Washington, D.C

***APTA Standards Climate Action Plan Guidelines***

**David Erne**, senior associate, Booz Allen Hamilton, McLean, VA

**Projjal Dutta**, AIA LEED, director, sustainability initiatives, Metropolitan Transportation Authority, New York, NY

***Using Sustainability Indicators to Measure Progress: A Canadian Perspective***

**Michael W. Roschlau**, president and chief executive officer, Canadian Urban Transit Association, Toronto, ON

**Peta Wolmarans**, vice president, Halcrow Consulting, Inc., Vancouver, BC

<p><b>Session sponsored by CDM</b></p>
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## Tuesday, continued

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**12 noon – 1:45 p.m.**  
**Broadway Ballroom**

### **Luncheon**

**Featured topic:**  
**Foundations as Partners in Funding Sustainable Communities**

**Moderator:**

**Ernest Tollerson**, director, sustainability and environmental compliance, Metropolitan Transportation Authority, New York, NY

**Speaker:**

**Donald Chen**, program officer, Ford Foundation, New York, NY

**Pat Jenny**, program director for community development and environment, New York Community Trust, New York, NY

**2 – 3:30 p.m.**  
**Broadway Ballroom**

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### **Transit Leaders Roundtable**

What is on the horizon for the transit industry, and what we need to do when it comes to being proactive for sustainability. Hear leaders in the industry give their perspective.

**Moderator:**

**Fred Hansen**, immediate past chair, APTA Sustainability Task Force, Portland, OR

**Panel Members:**

**Bob Franklin**, vice-president of the board, and chair of the sustainability/green committee, San Francisco Bay Area Rapid Transit District, San Francisco, CA

**Arthur T. Leahy**, chief executive officer, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

**David McAlister**, director of corporate development, Parsons Brinckerhoff Inc, New York, NY

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

**Tom Prendergast**, president, New York City Transit, New York, NY

## Tuesday, continued

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**Peter Varga**, APTA executive committee, vice chair, small operations, and CEO, the Rapid, Grand Rapids, MI

**James Weinstein**, executive director, NJ Transit, Newark, NJ

**Jeff Wharton**, chair, APTA business member business development committee, and president, IMPulse NC LLC, Mount Olive, NC

Session sponsored by CDM



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**3:30 – 5 p.m.**  
**Gershwin I**

**APTA Sustainability Committee**

**5 – 6 p.m.**  
**Gershwin I**

**APTA Sustainability Commitment  
Technical Advisory Subcommittee**

**5 – 6 p.m.**  
**Broadway Ballroom**

**Transit and MPO Partnerships for Livable  
and Sustainable Communities - a peer  
exchange**

## **Wednesday, July 28**

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**8 a.m. – 5 p.m.**

**Meetings of the APTA Sustainability and  
Urban Design Standards Working Groups**

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**Minskoff Room**

**APTA Standards Climate Change Working  
Group**  
Eric Hesse, chair

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**Palace Room**

**APTA Standards Urban Design Working  
Group**  
Paul Bay, chair

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**New Amsterdam Room**

**APTA Standards Sustainability Design  
Working Group**  
Tian Feng, chair