



2012 APTA Sustainability and Public Transportation Workshop

Innovative Partnerships for Sustainability and State of Good Repair

August 5 - 8, 2012
Marriott Downtown Hotel, Philadelphia, PA

Welcome to the Eighth Annual APTA Sustainability and Public Transportation Workshop. This year, the event focuses on the connection between sustainability and “state of good repair” (SOGR), and how innovative partnerships are being forged to advance both objectives.

The importance of advancing sustainability and state of good repair agendas comes at a time of increasing fiscal pressure. Historic ridership growth and budgets cuts have coincided with aging infrastructure and severe weather events. The resulting costs and damage have compelled the industry to seriously consider the impact of sustainability on infrastructure vulnerability, and to develop adaptation strategies that reduce future risk.

Rather than go it alone, partnerships have proven to be an effective solution. Increasingly, transit agencies, civic organizations, universities, and private-sector firms are joining forces to leverage available resources and develop comprehensive plans. The result is increased resiliency of transit systems and services, improved safety and service for customers, and new capacity for creative, cross-sector collaboration.

The workshop explores this convergence, and how emerging partnerships are paving the way to implement cutting-edge sustainable practices. Hear from speakers with a wealth of knowledge in these areas, including APTA Sustainability Commitment signatories with real world experience. Learn how APTA members are improving efficiency, saving money, mitigating environmental impacts and promoting strategies that encourage public transit use. Learn what models exist for forging innovative partnerships on sustainability. And experience firsthand how the Southeastern Pennsylvania Transportation Authority (SEPTA) is implementing these practices to help ensure a more sustainable future for the greater Philadelphia region.

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 sponsors for making this workshop a success.



U.S. Department of Transportation
Federal Transit Administration



APTA 2012 Sustainability and Public Transportation Workshop-at-a-Glance

Sunday, Aug. 5	Monday, Aug. 6	Monday, Aug. 6 (cont.)
<p>10 a.m. – 6 p.m. Registration <i>Room 404, Level 4</i></p> <p>10 a.m. – 7 p.m. Tabletop Displays <i>Franklin Hall A Foyer, Level 4</i></p> <p>12 – 5 p.m. Sustainability in Action Tours</p> <ul style="list-style-type: none"> • Farm-to-SEPTA • Self-Guided Tour of SEPTA Art In Transit Installations • Schuylkill River Trail Bike Tour (begins at 1 p.m.) • Wayside Energy Storage (begins at 1 p.m.) <p>6– 7 p.m. Welcome Reception <i>Franklin Hall Foyer, Level 4</i></p>	<p>7 a.m. – 4:30 p.m. Registration <i>Room 404, Level 4</i></p> <p>7 a.m. – 6 p.m. Tabletop Displays <i>Franklin Hall A Foyer, Level 4</i></p> <p>7 – 8 a.m. Continental Breakfast <i>Franklin Hall A Foyer, Level 4</i></p> <p>8 – 8:30 a.m. Opening Session <i>Salon E, Level 5</i></p> <p>8:30 – 9:45 a.m. Plenary Session: SEPTA Host Forum <i>Salon E, Level 5</i></p> <p>9:45 – 10 a.m. Break <i>Grand Ballroom Foyer, Level 5</i></p> <p>10 a.m. – 11:45 p.m. Plenary Session: The Federal Partnership for Sustainable Communities <i>Salon E, Level 5</i></p> <p>12 – 1:30 p.m. Luncheon State of Good Repair and the Link to Sustainability <i>Salon F, Level 5</i></p> <p>1:45 – 3:15 p.m. SUSTAINABILITY SEMINARS, PART I</p> <ul style="list-style-type: none"> • Sustainable Planning, Policy, and Community Development <i>Salon E, Level 5</i> • Green Design, Materials, and Infrastructure <i>Franklin Hall 2, Level 4</i> 	<ul style="list-style-type: none"> • Sustainable Operations – What You Can Do <i>Franklin Hall 3, Level 4</i> • Sustainable Business Practices and Sustainable Organizations <i>Franklin Hall 4, Level 4</i> <p>3:15 – 3:30 p.m. Break <i>Franklin Hall Foyer, Level 4</i></p> <p>3:30 – 5 p.m. SUSTAINABILITY SEMINARS, PART II</p> <ul style="list-style-type: none"> • Sustainable Planning, Policy, and Community Development <i>Salon E, Level 5</i> • Green Design, Sustainable Indicators, and Infrastructure <i>Franklin Hall 2, Level 4</i> • Social and Community Responsibility <i>Franklin Hall 3, Level 4</i> • Sustainable Business Practices and Sustainable Operations <i>Franklin Hall 4, Level 4</i> <p>5 – 6:30 p.m. APTA Metropolitan Planning Subcommittee Meeting <i>Franklin Hall 13, Level 4</i></p> <p>5:15 – 6:15 p.m. APTA Sustainability Commitment Signatories Subcommittee Meeting <i>Salon A, Level 5</i></p>

Tuesday, Aug. 7	Tuesday, Aug. 7 (cont.)	Wednesday Aug. 8
<p>7 a.m. – 12 p.m. Registration <i>Room 404, Level 4</i></p> <p>7 a.m. – 5 p.m. Tabletop Displays <i>Franklin Hall A Foyer, Level 4</i></p> <p>7 – 8 a.m. Continental Breakfast <i>Franklin Hall A Foyer, Level 4</i></p> <p>8 – 9:30 a.m. Plenary Session: Going for Gold – The APTA Sustainability Commitment <i>Salon E, Level 5</i></p> <p>9:30 – 9:45 a.m. Break <i>Salon E Foyer, Level 5</i></p> <p>9:45 – 11:45 a.m. CONCURRENT PEER EXCHANGES</p> <ul style="list-style-type: none"> • Partnerships and Planning for Livable and Sustainable Communities and Corridors <i>Franklin Hall 4, Level 4</i> • Climate Change Adaptation & State of Good Repair (SGR) <i>Salon E, Level 5</i> • New Technology / New Fleets <i>Franklin Hall 13, Level 4</i> <p>12 – 1:30 p.m. Luncheon: Partnerships for Success <i>Salon F, Level 5</i></p> <p>1:30 – 1:45 p.m. Closing Remarks <i>Salon F, Level 5</i></p> <p>2 – 4 p.m. APTA Sustainability Committee Meeting <i>Franklin Hall 1-2, Level 4</i></p>	<p>4 – 5:30 p.m. Climate Change Adaptation Pilots Peer Exchange <i>Franklin Hall 1-2, Level 4</i></p> <p>4 – 6 p.m. Discussion of FTA Proposed Joint Development Circular <i>Franklin Hall 3-4, Level 4</i></p>	<p>8 a.m. – 5 p.m. APTA Standards Urban Design Working Group Meeting (invite only) <i>SEPTA Offices, 1234 Market Street Rooms 717/718</i></p> <p>8 a.m. – 5 p.m. APTA Standards Sustainability Performance Metrics Working Group Meeting (invite only) <i>SEPTA Offices, 1234 Market Street Rooms 717/718</i></p>

Sunday, August 5

10 a.m. – 6 p.m.
Room 404, Level 4

Registration

10 a.m. – 6 p.m.
Franklin Hall A Foyer
Level 4

Tabletop Displays

12 – 5 p.m.

Sustainability in Action Tours

12 p.m.

Farm-to-SEPTA

SEPTA will partner with The Enterprise Center (TEC) to host a tour of its 46th Street Station area, which in the past two years has become a model of SEPTA's triple bottom line approach to sustainability. The station, rehabbed in the mid-2000s, has become an anchor for sustainable community redevelopment. SEPTA has leased a lot adjacent to the station to TEC, which has converted the land into an urban farm. A 1000-gallon cistern was installed to capture rainwater from the station building to irrigate the farm. Solar panels are being installed on the station building to power the irrigation system. And now, community youths are being engaged through a program to learn urban agriculture, and their produce will be sold through a Community Supported Agriculture (CSA) program at SEPTA headquarters in Center City. These program components will be on display and discussed with project partners.

12 p.m.

Self-Guided Tour of SEPTA Art In Transit Installations

Philadelphia is a city known for public art from Oldenburg's Clothes Pin to Robert Indiana's iconic Love sculpture. Participants will have the opportunity to visit SEPTA's contribution to the culture of the region with a self-guided tour of Art In Transit commissions. Ride the Market Frankford Line, between Frankford Transportation Center and Millbourne Station, and see 11 original works

Sunday (cont'd)

of public art created for each location or hop on the Broad Street Line to enjoy the newest installations at Spring Garden and Girard Stations. Guide sheets will be available at the SEPTA host desk.

1 p.m.

Schuylkill River Trail Bike Tour

SEPTA will partner with the Bicycle Coalition of Greater Philadelphia to host a bike tour from Center City along the Schuylkill River Trail to Manayunk, an outlying neighborhood in Philadelphia. Along the way, participants will sample SEPTA's initiatives to educate customers on how to use its bus bike racks, Philadelphia's soon-to-be-complete TIGER-funded trail projects, and SEPTA's historic Manayunk Bridge, which is in the process of being converted into a multi-purpose trail that will be integrated into the regional trail network. The round-trip tour is approximately 15 miles.

Bike Tour sponsored by DVRPC in partnership with the Bicycle Coalition of Greater Philadelphia:



1 p.m.

Wayside Energy Storage

SEPTA will host a tour of its Letterly Substation in the Kensington section of Philadelphia, where a wayside energy storage device has been installed to capture, store, and reuse regenerative braking from SEPTA's Market-Frankford Line. The device, currently in its demonstration phase, will also participate as a distributed energy resource in the frequency regulation market to generate revenue that will improve the project's return on investment. Project partners will be on hand to discuss the innovative project approach, which has received international media attention.

Sunday (cont'd)

6 – 7 p.m.
Franklin Hall Foyer
Level 4

Welcome Reception

Welcome Reception sponsored by:

**PARSONS
BRINCKERHOFF**

Monday, August 6

7 a.m. – 4:30 p.m.
Room 404, Level 4

Registration

7 a.m. – 6 p.m.
Franklin Hall A Foyer
Level 4

Tabletop Displays

7 – 8 a.m.
Franklin Hall A Foyer
Level 4

Continental Breakfast

8 – 8:30 a.m.
Salon E, Level 5

Opening Session

Welcome, Goals and Overview

Kevin Desmond, chair, APTA Sustainability Committee; member, APTA Board of Directors; and general manager, King County Metro Transit, Seattle, WA

Welcome to Southeastern Pennsylvania

Joseph M. Casey, member, APTA Board of Directors; and general manager, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Video Welcome

Honorable Michael Nutter, mayor, City of Philadelphia, PA

Monday (cont'd)

8:30 – 9:45 a.m.
Salon E, Level 5

Plenary Session: Southeastern Pennsylvania Transportation Authority (SEPTA) Host Forum

Theme: Going Beyond Green. Roundtable discussion on the evolution of sustainability at SEPTA to implement a comprehensive sustainability planning framework focused on the triple bottom line – economic, social and environmental sustainability – as the key to the region’s long-term sustainability.

Moderator:

Rina Cutler, deputy mayor, Mayor’s Office of Transportation and Utilities, City of Philadelphia, and board member, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Richard G. Burnfield, CFO & treasurer, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Jeffrey D. Knueppel, assistant general manager/chief engineer, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Barry Seymour, executive director, Delaware Valley Regional Planning Commission, Philadelphia, PA

9:45 – 10 a.m.
Grand Ballroom Foyer
Level 4

Break

10 a.m. – 11:45 a.m.
Salon E, Level 5

Plenary Session: The Federal Partnership for Sustainable Communities

June 2012 marked the third anniversary of the Federal Partnership for Sustainable Communities, a groundbreaking agreement between the U.S. Department of Housing and Urban Development, U.S. Department Transportation, and U.S. Environmental Protection Agency. The Partnership created a high-level interagency program to better coordinate federal transportation, environmental protection, and housing investments and to identify strategies. Fundamental to the initiative was the adoption of six livability principles that began to help reshape, realign and refocus plans and programs to achieve more long-term, sustainable outcomes. These principles – provide more transportation choices, promote equitable, affordable housing, increase economic competitiveness, support existing communities, leverage federal

Monday (cont'd)

investment, and value communities and neighborhoods – now help define and guide federal investments across individual department programs, and even more importantly, cross-department programs.

As the Partnership gained traction, funding cycle alignment began; available grant funds for programs were released based on competition; and interagency review and cooperation flourished.

In addition, the Partnership created a whole new nomenclature – TIGER (Transportation Investment Generating Economic Recovery), TIGGER (Transit Investments in Greenhouse Gas and Energy Reduction), Building Blocks, Challenge Grants and Choice Neighborhoods. However, it was not just new terminology - it was about creating real implementation.

Senior staff of the three partnering agencies will highlight significant Partnership activities and will present specific case studies relevant to the Workshop's goals. This approach reveals the importance and value of federal-level coordinated planning and integrated implementation.

Moderator:

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

Panelists:

Shelley Poticha, director, Office of Sustainable Housing and Communities, U.S. Department of Housing and Urban Development (HUD), Washington, DC

John Thomas, Ph.D., director, Community Assistance and Research Division (CARD), U.S. Environmental Protection Agency (EPA), Washington, DC

Katherine Mattice, deputy associate administrator for budget & policy/deputy chief financial officer, Federal Transit Administration (FTA), Washington, DC

Brigid Hynes-Cherin, regional administrator, Region 3, Federal Transit Administration (FTA), Philadelphia, PA

Monday (cont'd)

12 – 1:30 p.m.
Salon F, Level 5

Luncheon: State of Good Repair and the Link to Sustainability

Therese W. McMillan, deputy administrator, Federal Transit Administration (FTA), Washington, DC

Luncheon sponsored by HDR and APTA:



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.
Salon E, Level 5

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:

Jeff Tumlin, principal, Nelson\Nygaard Consulting Associates, Inc., San Francisco, CA

DVRPC's Community Investment Index (CI²): A Successful Transit Agency-MPO Partnership to Encourage Sustainable Thinking in Project Selection

Gregory R. Krykewycz, senior transportation planner, Delaware Valley Regional Planning Commission, Philadelphia, PA

Creating and Implementing Regional Tools for Sustainable Development

Richard Brockmyer, strategic planner, Utah Transit Authority, Salt Lake City, UT

Monroe Shops (Dallas, TX) – At the Crossroads of Preservation, Sustainability, and Security

Stephen Salin, AICP, vice president, rail planning, Dallas Area Rapid Transit, Dallas, TX

Monday (cont'd)

1:45 – 3:15 p.m.
Franklin Hall 2
Level 4

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:

Lawrence J. Murphy, intermodal transportation market leader, CDM Smith, New York, NY

New York City Transit CPM EMS: Sustainable Elements in Design and Construction

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

Transit Station Design and CAL Green Code Compliance

Carmen Suero, lead designer, Parsons Brinckerhoff, Los Angeles, CA

Sustainability Planning: Creating the Conditions for a Future State of Good Repair

Bob Hastings, agency architect, Capital Projects and Facilities Division, TriMet, Portland, OR

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

Case Studies – Proven Success of Sustainable Facility Design

Merlin Maley, AIA, LEED AP, NCARB, associate, RNL Design, Denver, CO

1:45 – 3:15 p.m.
Franklin Hall 3
Level 4

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:

Peter Varga, immediate past chair, APTA Small Operations Committee; member, APTA Executive Committee; and chief executive officer, Interurban Transit Partnership (The Rapid), Grand Rapids, MI

FTA's TIGGER Program: Supporting Sustainable Transit Operations

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

Monday (cont'd)

Rethink the Way you Manage your Operation to Reduce the System's Environmental Footprint

Marc Perla, general manager, First Transit – City of Phoenix, AZ

Promoting Green Buildings and Infrastructure through Solid State Lighting Systems

Bill McShane, director, sales, sustainable lighting division, Philips Lighting, Somerset, NJ

Lee Eilers, president, TwistHDM, Holland, MI

Saving Energy in Transit Operations – Strategic and Planning Considerations

Frank Gallivan, manager, ICF International, San Francisco, CA

Session sponsored by Saft Batteries:



1:45 – 3:15 p.m.
Franklin Hall 4
Level 4

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:

James Fox, director, system safety & risk management, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Internal Partnerships for a Sustainability Program at Amtrak

Joanne Maxwell, CHMM, director, environmental management programs, Amtrak, Philadelphia, PA

Celia A. Pfleckl, senior environmental engineer, Amtrak, Philadelphia, PA

Monday (cont'd)

Solutions for a Sustainable Tomorrow

James Porter, president, sustainable operations solutions, DuPont Sustainable Solutions, Wilmington, DE

Third-Party Verification for Lean and Green Manufacturing

David Sunderman, sustainability project lead coordinator, Visual Marking Systems, Inc., Twinsburg, OH

Moving Metro Forward by Using Resources Wisely

Rachel Healy, sustainability project manager, Washington Metropolitan Area Transit Authority, Washington, DC

Session sponsored by First Environment:



3:15 – 3:30 p.m.
Franklin Hall Foyer
Level 4

Break

3:30 – 5 p.m.
Salon E, Level 5

Part II: 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:

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

Improving Local Community Bicycle/Pedestrian Access to Light Rail Transit

G.J. LaBonty, strategic planner, Utah Transit Authority, Salt Lake City, UT

Transit with Bikesharing: Overview of Practice and Potential

Darren Buck, transportation program specialist, Federal Transit Administration, Washington, DC

Monday (cont'd)

Reinvesting in Transit: How the WRTA and the City of Worcester are Working Together to Create a New Downtown

Mary Ellen Blunt, project manager, Veolia Transportation, Worcester, MA

Jonathan Church, project manager, Transportation Division, Central Massachusetts Regional Planning Commission, Worcester, MA

3:30 – 5 p.m.
Franklin Hall 2
Level 4

Part II: Green Design, Sustainable Indicators, and Infrastructure

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

Moderator:

Roland Cordero, director of facilities, Foothill Transit, West Covina, CA

Incorporating Sustainability Value in Lifecycle Cost Analyses

Khalid Bekka, director, economics and finance, HDR Engineering, Inc., Silver Spring, MD

Tunnel Vision: Is LEED the Best Measure of Sustainability for Underground Transit Stations?

Ryan Zizzo, project manager, Parsons Brinckerhoff Canada, Toronto, ON

Integrating Sustainability in Project Development: A Case Study of a Light Rail Project

Lisa M. Reid, senior program manager, CH2M HILL, Bellevue, WA

Sustainable Transit Infrastructure: Application of King County's Sustainable Infrastructure Scorecard on Metro Transit's Capital Projects

Mike Usen, AICP, sustainability program coordinator, King County Metro Transit, Seattle, WA

3:30 – 5 p.m.
Franklin Hall 3
Level 4

Part II: Social and Community Responsibility

Moderator:

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

Social Goals in SEPTA's Sustainability Program

Marion Coker, manager, strategic business planning & sustainability, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Monday (cont'd)

Corporate Social Responsibility at AECOM

Gary Lawrence, vice president & chief sustainability officer, AECOM, New York, NY

Building Social Responsibility to Reduce Community Violence

Charlotte DiBartolomeo, CEO, Red Kite Project, LLC, Philadelphia, PA

Zach Stone, COO, Red Kite Project, LLC, Philadelphia, PA

3:30 – 5 p.m.

**Franklin Hall 4
Level 4**

Part II: Sustainable Business Practices and Sustainable Organizations

This session focuses on sustainable business practices and operations in areas such as manufacturing, project management, and employee engagement. There will also be emphasis on sustainable practices in organizations, including green offices, performance metrics, and sustainability reporting.

Moderator:

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

Environmental Management System (EMS) & FTA Pilot

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

Smart Solutions: Strategic Planning and Implementation of HDR's Sustainable Business Practice Initiative

Michaella Wittmann, director, sustainable solutions, HDR Engineering, Inc., Omaha, NE

Reducing Operational Costs from Within

Lolalisa DeCarlo King, AIA, NCARB, MBA, LEED AP, president, Architect for Life, Houston, TX

Monday (cont'd)

5 – 6:30 p.m.
Franklin Hall 13
Level 4

APTA Metropolitan Planning Subcommittee Meeting

Join your colleagues for informal transit/MPO peer exchange to discuss how partnerships are advancing livable and sustainable communities.

Lee G. Gibson, co-chair, APTA Metropolitan Planning Subcommittee, and Chief Executive Officer, Regional Transportation Commission of Washoe County, Reno, NV

5:15 – 6:15 p.m.
Salon A, Level 5

APTA Sustainability Commitment Signatories Subcommittee Meeting

Tuesday, August 7

7 a.m. – 12 p.m.
Room 404, Level 4

Registration

7 a.m. – 5 p.m.
Franklin Hall A Foyer
Level 4

Tabletop Displays

7 – 8 a.m.
Franklin Hall A Foyer
Level 4

Continental Breakfast

8 – 9:30 a.m.
Salon E, Level 5

Plenary Session: Going For Gold – The APTA Sustainability Commitment

Achieving a recognition level in the APTA Sustainability Commitment is a chance for organizational improvement and a showcase of ongoing environmental efforts. Hear from Sound Transit (Seattle, WA), Intercity Transit (Olympia, WA), TransLink (Vancouver, BC) as well as SEPTA, our most recent Gold level signatory as they explain the challenges and benefit to reaching this high recognition level, and what the process has meant.

Tuesday (cont'd)

Moderator:

Kevin Desmond, chair, APTA Sustainability Committee; member, APTA Board of Directors; and general manager, King County Metro Transit, Seattle, WA

**Meeting Environmental Program Goals at Transit Agencies –
A Study of APTA Sustainability Commitment Signatories**

Jennifer Golech, transportation planner, Capital Metropolitan Transportation Authority, Austin, TX

**The Importance of Employee Engagement in Taking Leadership on
Sustainability**

Petra Mollet, chief of staff, APTA

Panelists:

Byron Comati, director, strategic planning and analysis, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Michael S. Harbour, general manager, Intercity Transit, Olympia, WA

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

Derek Stewart, manager, environmental sustainability, TransLink, Burnaby, BC

Plenary Session sponsored by CDM Smith:



9:30 – 9:45 a.m.
Salon E Foyer, Level 5

Break

Tuesday (cont'd)

9:45 – 11:45 a.m.

CONCURRENT PEER EXCHANGES

Franklin Hall 4
Level 4

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 the practitioners on how they are turning vision to reality, including mixed income, transit-oriented development, with help from grants and program funds under the Federal Partnership for Sustainable Communities.

Moderator:

Paul P. Skoutelas, member, APTA Board of Directors, and senior vice president & market leader, transit and rail, Parsons Brinckerhoff, Pittsburgh, PA

Tracking Regional Progress in Creating More Livable and Sustainable Communities

Allison Brooks, chief of staff, Reconnecting America, Center for Transit-Oriented Development, Oakland, CA

Transit-MPO Partnerships in Planning for Livable and Sustainable Communities

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

Perspectives on Livable and Sustainable Communities at SEPTA

Byron Comati, director, strategic planning and analysis, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Perspectives on Livable and Sustainable Communities at New Jersey Transit

Vivian E. Baker, assistant director, transit friendly land use & development, New Jersey Transit Corporation, Newark, NJ

Regional Partnerships for Sustainability: Central Texas Experience

Lucy Galbraith, manager, transit oriented development, Capital Metropolitan Transportation Authority, Austin, TX

Partners for Growth: Practical Steps for Livable Communities

Gary Prince, program manager, King County Metro Transit, Seattle, WA

Tuesday (cont'd)

9:45 – 11:45 a.m.
Salon E, Level 5

Climate Change Adaptation & State of Good Repair (SGR)

Flooding and heat waves threaten the state of good repair of transit assets and infrastructure. Weather records show a worsening of these phenomena in recent decades and robust climate science projects these trends to accelerate. At the same time, transit agencies are struggling to bring assets up to a state of good repair in the face of tight budgets. How can transit agencies manage the risks of extreme weather and a changing climate in their asset management systems? How do the costs of inaction compare with the benefits of risk-based asset management? Learn from experts in the field and agencies that are undertaking FTA-funded projects in this area. Then share insights and challenges in small group discussions.

Moderator:

Anne Choate, vice president, ICF International, Washington, DC

FTA Activities on Climate Change and State of Good Repair

Tina Hodges, program analyst, Federal Transit Administration (FTA), Washington, DC

Adaptation to Climate Change for Transit Decisions: Identification of Best Practices and Current Challenges

Joe Casola, senior associate, ICF International, Washington, DC

Addressing Sustainability and Climate Change in Your Asset Management Plan

Margaret (Meg) Cederoth, AICP, LEED AP, sustainability manager, Parsons Brinckerhoff, Sacramento, CA

David C. Rose, Ph.D., vice president, Parsons Brinckerhoff, New York, NY

Small Group Discussions:

Chicago's Climate Change Adaptation Pilot Program

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

Climate Change Adaptation and SGR at New Jersey Transit

Barbara Thomson, senior associate, First Environment, Boonton, NJ

Tuesday (cont'd)

SEPTA's Climate Change Adaptation and SGR Pilot

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

Laura Zale, senior asset management engineer, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

9:45 – 11:45 a.m.
Franklin Hall 13
Level 4

New Technology / New Fleets

Session to include update on clean fuels, Transportation Investment Generating Economic Recovery (TIGGER), and other innovations.

Moderator:

Collette T. Ericsson, PE, LEED AP, co-chair, APTA Environmental Subcommittee, and chief officer, environmental sustainability, MTA New York City Transit, New York, NY

TIGGER Update and Lessons Learned

Matthew Lesh, transportation program specialist, Federal Transit Administration (FTA), Washington, DC

How New Vehicles and ITS Technologies Achieve a Sustainable State of Good Repair

Stephen O'Neil, administrator, Veolia Transportation, Worcester, MA

Going Green in the Desert: How Solar is Adding to METRO's Sustainability Portfolio and Cost Savings

Stephanie Shipp, transit planner, METRO Light Rail, Phoenix, AZ

Comparative Analysis, Performance, and Operation Models for Hydrogen Fuel Cell Vehicles

Joel Rinebold, director of energy initiatives, Connecticut Center for Advanced Technology, Inc., East Hartford, CT

Heavy Duty Electric Buses – A Solution for Near and Long Term Environmental and Economical Sustainability

Joshua J. Goldman, director of business development, Proterra, Inc., Greenville, SC

12 – 1:30 p.m.
Salon F, Level 5

Luncheon: Partnerships for Success

As agencies and municipalities strive to make effective investments and leverage existing resources to provide a better service for the customer, the community, and the environment, they have increasingly looked to partnerships with like-minded

Tuesday (cont'd)

organizations to accomplish these goals. Join our distinguished panelists – with experience in agencies, local government, at the federal level, and in the private sector – as they discuss the role of strategic partnerships in advancing sustainability in their organizations, and its positive results.

Moderator:

Susannah Kerr Adler, AIA, vice chair, APTA Sustainability Committee; vice chair, APTA Leadership APTA Committee; member, APTA Board of Directors; and vice president/national director-transportation facilities, URS Corporation, Washington, DC

Panelists:

Mark Alan Hughes, founding sustainability director, City of Philadelphia, and distinguished senior fellow, PennDesign, University of Pennsylvania, Philadelphia, PA

Lee G. Gibson, co-chair, APTA Metropolitan Planning Subcommittee, and chief executive officer, Regional Transportation Commission of Washoe County, Reno, NV

Geoffrey Anderson, president and CEO, Smart Growth America, Washington, DC

Ron Thaniel, executive director, National Association of City Transportation Officials (NACTO), New York, NY

Deron Lovaas, federal transportation policy director, Natural Resources Defense Council (NRDC), Washington, DC

1:30 – 1:45 p.m.
Salon F, Level 5

Closing Remarks

Kevin Desmond, chair, APTA Sustainability Committee; member, APTA Board of Directors; and general manager, King County Metro Transit, Seattle, WA

2 – 4 p.m.
Franklin Hall 1-2
Level 4

APTA Sustainability Committee Meeting

Tuesday (cont'd)

4 – 5:30 p.m.
Franklin Hall 1-2
Level 4

Climate Change Adaptation Pilots Peer Exchange

We welcome FTA-funded Climate Change Adaptation pilots to share information informally with one another on progress, challenges, and lessons learned to date.

Facilitator:

Tina Hodges, program analyst, Federal Transit Administration (FTA), Washington, DC

4 – 6 p.m.
Franklin Hall 3-4
Level 4

Discussion of FTA Proposed Joint Development Circular

Hear the highlights of the FTA Proposed Joint Development Circular and join a facilitated discussion with your peers. Learn about the guidance FTA proposes on the use of FTA funds or FTA-funded real property for joint development projects, including defining the term “joint development” and applicable requirements for determining which project activities are eligible for FTA funding. FTA staff will also present on the legal parameters that apply to the acquisition, use and disposition of FTA funded real property, and the most common crosscutting requirements.

Facilitator:

Sharon Pugh, senior policy analyst, Federal Transit Administration (FTA), Washington, DC

Wednesday, August 8

8 a.m. – 5 p.m.
SEPTA Offices
(1234 Market Street)
Rooms 717/718

APTA Standards Urban Design
Working Group Meeting (invite only)

8 a.m. – 5 p.m.
SEPTA Offices
(1234 Market Street)
Rooms 717/718

APTA Standards Sustainability Performance
Metrics Working Group Meeting (invite only)