

U.S. FEDERAL TRANSIT ADMINISTRATION

FTA



INTERNATIONAL

MASS

TRANSPORTATION

PROGRAM



# 1999

## ACTIVITIES REPORT

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## *Introduction*

With the 20th Century coming to a close, the Federal Transit Administration (FTA) can look back to a major accomplishment -- the launching of the International Mass Transportation Program (IMTP). Mindful of the new global challenges facing the mass transportation industry, we asked Congress to authorize this program in the Transportation Equity Act for the 21st Century legislation. The IMTP goals are consistent with FTA's strategic objective to increase the global competitiveness of the domestic transit industry, and to provide U.S. operators and suppliers with greater access to information technology and international marketplaces.

Over the past year, the IMTP has sponsored international workshops covering themes such as public/private partnerships, transit safety and security, and new bus technology. The IMTP has made it possible for transit professionals from Japan, Nigeria, and Saudi Arabia to access training opportunities in the U.S. With IMTP endorsements, several private companies have participated in trade missions and delegations to France and Latin America, where they were able to explore business opportunities and make valuable contacts with local officials.

At the official launching of the IMTP last September, representatives of U.S. government agencies, trade associations, and international organizations discussed ways in which they could work cooperatively to further the program's missions and objectives. An agreement signed by FTA and the Department of Commerce on that occasion outlined the steps that the two agencies will take to help U.S. transit companies become more globally competitive. We signed a Memorandum of Understanding with the American Public Transit Association and released the IMTP's *Accessing the Global Marketplace*, a manual that provides basic information on such topics as financing, loan guarantees, and U.S. and State government trade support services for companies hoping to enter the international marketplace.



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Through the IMTP, we have negotiated and signed an updated version of a Memorandum of Understanding with our counterpart agency in France, the Direction des Transports Terrestres. FTA expects that this agreement, which provides for sustained exchanges between the U.S. and French public and private sectors, will serve as a model for new and revised agreements with other countries.

The 1999 Annual Report outlines the goals of the IMTP and provides detailed information on its program activities. These activities are expected to multiply over the coming years, as the IMTP builds upon the impetus created during its first year of operation. The objective is to share U.S. best practices and methods of solving the problems of improved mobility and access for low income people, mitigate highway congestion, reduce air and noise pollution, improve land use patterns, and promote livable communities. At the same time, we expect to increase our efforts to provide U.S. transit officials with the latest in transit technology and innovations from abroad, and to give U.S. companies improved opportunities to gain entry into overseas markets.

At the dawn of the new millennium, the IMTP will be positioned as the force for preparing the U.S. transit industry for global challenges.

A handwritten signature in cursive script, reading 'Nuria I. Fernandez', is located in the lower right area of the page.

Nuria I. Fernandez  
Acting Administrator

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INTERNATIONAL MASS TRANSPORTATION PROGRAM 1999 ACTIVITIES REPORT

## *IMTP Strategic Goal, Mission and Structure*

### *Strategic Vision*

The Federal Transit Administration's (FTA) International Mass Transportation Program (IMTP) was created by the Transportation Equity Act for the 21st Century (TEA-21) in response to the global challenges facing the transit industry. The IMTP helps further the U.S. Department of Transportation (DOT) and FTA strategic goal of advancing U.S. economic growth and global competitiveness.



THE IMTP AIMS TO INFORM THE TRANSIT INDUSTRY ABOUT NEW TECHNOLOGIES AND BEST PRACTICES FROM ABROAD, AND TO HELP U.S. SUPPLIERS GAIN ACCESS TO GLOBAL MARKETS.

### *Statutory Mission*

TEA-21 authorizes the IMTP to:

- ⊕ Develop and monitor information about global market opportunities
- ⊕ Cooperate with the foreign public sector on research and development and technology transfer
- ⊕ Advocate U.S. products and services in mass transit markets
- ⊕ Provide FTA technical services to foreign public authorities on a cost recovery basis.

### *Program Areas*

With these statutory objectives in mind, FTA has divided the IMTP's activities into four main program areas:

#### **Intergovernmental Agreements**

Both the FTA and the DOT are parties to several intergovernmental agreements on science and technology exchange. The IMTP seeks to fully implement and increase the number of these

agreements. The IMTP also fosters cooperation with other Federal, State, or local agencies and transit industry groups, such as the American Public Transit Association and the Intelligent Transportation Society of America.

### **Technology/Information Exchange**

The burgeoning growth of information and communications technology promises to have a dramatic effect on the way that transit services are operated and delivered. This technological revolution can be seen particularly in the area of Intelligent Transportation System (ITS) applications, where Smart Cards have replaced traditional fare media; global positioning systems that provide passengers with more up-to-date and accurate travel information; and automatic vehicle locating systems facilitate fleet management. The IMTP aims to inform the transit industry about these new technologies by improving access to international transportation data bases, and by creating a two-way flow of information between the U.S. and other countries.

### **Human Capacity Building**

The IMTP has two primary goals in the area of human capacity building:

- ⊕ Preparing the U.S. transit industry for global challenges by continuing its efforts to familiarize transit management officials with best practices from abroad through scanning tours conducted through the Transit Cooperative Research Program. The IMTP will also organize tours and exchanges for other transit professionals and for the private sector.
- ⊕ Providing training for foreign public sector entities. The IMTP provides classroom instruction and practical training in planning and operating mass transit systems. This training intends to showcase U.S. best practices and innovative transit technology.

### **U.S. Industry Trade Support**

The IMTP partners with industry to help build U.S. global trade competitiveness, with a particular emphasis on assistance to small and medium-sized firms interested in entering the international marketplace. To this end, the IMTP organizes international business workshops, provides training on standards and regulations applicable to international commerce, produces resource guides on international business, and conducts trade missions in concert with the Commerce Department and the U.S. DOT.

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## *1999 Program Activities*

During 1999, FTA had sustained activities in each of its four program areas.

### *Intergovernmental Agreements*

#### **Memorandum of Understanding with French Ministry of Transportation.**

Then Administrator Gordon J. Linton led a delegation composed of representatives of the public and private sectors of the transit industry to France from October 23 to 28, 1999 for the signing of a Memorandum of Understanding (MOU) with FTA's counterpart agency in the French Ministry of Transportation, the Direction des Transports Terrestres (DTT). Edward L. Thomas and Rita Daquillard of FTA accompanied the delegation, which included John Bartosiewicz, Chairman of the Board of the American Public Transit Association,

Thomas Margro, General Manager of the San Francisco Bay Area

Rapid Transit District, Richard Simonetta, General Manager of the Metropolitan Atlanta Rapid Transit Authority, Gregory Cook, Executive Director of the Ann Arbor Transportation Authority, Stephen Shewmaker, Senior Vice President of Cubic Transportation Systems, David L. Turney, Chairman and CEO of Digital Recorders, Inc., Jack Ybarra, President and CEO of Transmetrics, Inc., Albrecht Engel, President and CEO of Systra USA, Jack Hill, Senior Vice President of Parsons Brinckerhoff, and Martin Stein, Vice President of Prima Facie, Inc.

The group met with French transportation operators and suppliers, made site visits to the Paris and Lyons subway systems, and participated in technical exchanges with the French public sector. The areas explored included public/private partnerships, transit safety and security, and land use and environmental planning.



THEN ADMINISTRATOR GORDON J. LINTON SIGNS A MEMORANDUM OF UNDERSTANDING WITH FTA'S COUNTERPART AGENCY IN FRANCE, THE DIRECTION DES TRANSPORT TERRESTRES. THE AGREEMENT CALLS FOR COOPERATION BETWEEN THE U.S. AND FRANCE IN SEVERAL AREAS, INCLUDING NEW BUS TECHNOLOGY, SMART CARDS, AND LAND USE PLANNING.



One highlight of the visit was a tour of the Irisbus manufacturing facility in Lyons, which produces the Cavis electric vehicle. The Cavis has an optical guidance system based on image processing, which allows it to operate without a driver. A camera at the front of the vehicle reads coded markings on the road, indicating the trajectory to be followed. FTA expects to receive a similar French delegation to the U.S. in the Spring of 2000 to pursue further exchanges under the MOU.



MEMBERS OF THE FTA-LED DELEGATION TO FRANCE VISIT THE IRISBUS MANUFACTURING FACILITY IN LYONS FOR A DEMONSTRATION OF THE CIVIS ELECTRIC VEHICLE. THE CIVIS IS AN OPTICALLY GUIDED BUS THAT CAN OPERATE WITHOUT A DRIVER.

**Memorandum of Intent between FTA and State of Parana, Brazil.**

On October 18, 1999, Deputy Administrator Nuria I. Fernandez signed a Memorandum of Intent (MOI) with the State of Paraná, Brazil. This MOI provides a framework for the joint U.S.-Brazilian conference on replicating the Curitiba bus rapid transit model that the FTA and the Inter-American Development Bank plan to set up for late May of 2000.



TRANSPORTATION SECRETARY RODNEY E. SLATER AND JAIME LERNER, GOVERNOR OF PARANÁ, BRAZIL, CONGRATULATE ONE ANOTHER FOLLOWING THE SIGNING OF THE MEMORANDUM OF INTENT BETWEEN THE FTA AND THE STATE OF PARANÁ. THE MEMORANDUM PROVIDES A FRAMEWORK FOR TRANSIT RELATED COOPERATION.

Under the agreement, the parties will work either directly or through their representatives to exchange information on innovations in mass transportation services; arrange for mutual exchange of experts for studies, conferences, and seminars; coordinate the dissemination of urban transportation research data and innovations; and consult on the management of joint activities. The areas of cooperation under the MOI include urban planning, safety and security, the environment, and innovative technology. These activities will be carried out by different task groups, composed of administration officials, transit operators, industrial partners, and research institutes.

## *Technology/Information Exchange*

### **U.S./Korea Science and Technology Working Level Meeting**

From August 19-21, 1999, transportation experts from the United States and Korea met to discuss technical issues in areas such as intelligent transportation systems, intermodal transport, and commuter transit. Rita Daguillard, Walt Kulyk, and Edward L. Thomas of FTA made presentations in such areas as the International Program, the Bus Rapid Transit Initiative, intelligent transportation systems, and transit standards. The United States and Korea agreed to expand cooperation on such issues. The Korean Ministry of Transportation plans to send an official to FTA for training in early 2000. FTA will participate in the next U.S./Korea Science and Technology Meeting, to take place in Seoul in May 2000.

### **U.S./France Rail Workshop**

On July 26, 1999, Jean-Claude Raoul of Alstom Transport, Edward L. Thomas of the FTA Office of Research, Demonstration and Innovation, Gregory McBride of the FTA Chief Counsel's Office, and John English of the Utah Transit Authority presented the French and U.S. perspectives on the harmonization of rail standards during a U.S./France Rail Standards Workshop at the French Embassy in Washington. Moderated by FTA Deputy Administrator Nuria I. Fernandez, the workshop was co-sponsored by the FTA and the French Government under the framework of their Memorandum of Understanding (MOU) on technical cooperation. It featured presentations on the European Union experience with the regulation of rail standards; U.S. transit industry rail vehicle standards; and, the new Federal Railroad Administration/FTA joint policy on shared use of rail lines and its effect on mixed-use operations.

The presentations highlighted the differences between the European approach to harmonization, in which standards are mandated from above, and the American approach, in which indus-







try groups are encouraged to reach a consensus. They also demonstrated the distinction between the European emphasis on the standardization of equipment, and the U.S. emphasis on formulating common standards for new technology. FTA and the French Government plan to continue sponsoring such events under the MOU on a regular basis.

**France-USA Bilateral Transit Technical Workshop**

On May 24, the first French-U.S. mass transit workshop took place during the Union Internationale des Transports Publiques/American Public Transit Association Rail Conference in Toronto, Canada. The workshop covered technical progress and research emphasis in safety and security, clean fuel and electric buses and public-private partnerships. Speakers from both countries presented their latest efforts. The workshop was attended by more than 60 people including senior managers of the industry and operators. The workshop was presided by then FTA Administrator Gordon J. Linton and Jean Paul Bailly, President of UITP and General Manager of the Paris Metro. Mr. Linton declared that France and the United States will pursue technical cooperation and that these activities would involve industry and operators from both countries to work on future problems common to both countries.



REPRESENTATIVES OF THE FTA, THE FRENCH GOVERNMENT AND THE U.S. PUBLIC AND PRIVATE SECTORS HELD SEVERAL JOINT TECHNICAL MEETINGS IN 1999 TO DISCUSS SUBJECTS OF COMMON INTEREST IN THE FRAMEWORK OF A U.S./FRANCE MEMORANDUM OF UNDERSTANDING.

**German Government Cooperation with IMTP**

Associate Administrator for Budget and Policy Michael Winter and various FTA and IMTP staff met with Mr. Klaus Groeger the German Deputy Assistant Secretary for International Affairs of Transportation of the Department of Transportation and Housing and Urban Development on November 8, 1999. Mr. Groeger was interested in learning more about the FTA's International Mass Transportation Program (IMTP) and future technical cooperation between Germany and the United States. Intermodal development was one area of special interest to them for which he felt that the United States was far ahead. The next step is for each country to identify specific areas that could form the basis for a working agreement between German and U.S. transit officials.

## *Human Capacity Building*

### **On-the-job Training for Saudi Official**

Mr. Sabri Ahmad Shaaban, Director of Public Transportation for the Eastern province of Saudi Arabia, spent four weeks in the Washington area under an on-the-job training program developed by the International Mass Transportation Program (IMTP). The training program familiarized Mr. Shabaan with U.S. Federal and State regulation of bus and taxi service; bus and taxi operations; innovative transportation services; and innovative bus technology.

Mr. Shabaan visited a number of transportation organizations, including State and local regulatory agencies, public and private bus operators, trade associations, and research facilities. Mr. Shabaan's training period began on November 1, 1999, with an orientation in the Office of Research, Demonstration and Innovation. The IMTP also intends to develop a training mission to Saudi Arabia in early 2000 under the framework of a cost-reimbursable agreement between that country and the U.S. Department of Transportation.

### **Boston University Developing Training Module with IMTP**

The Center for Transportation Studies at Boston University is developing, in collaboration with the International Mass Transportation Program (IMTP), a training module for transit professionals from developing countries. The module would include short-term courses on various aspects of transit planning, financing, governance and technology. It would also take into account the developmental and urban context in Latin American, African, and Asian countries, where transit planners have to design, plan, and manage transit programs very differently from their American counterparts. A key element of the module would be a case study approach, in which students bring a real-life transit problem to the course, and develop a solution by its end. A pilot course will begin in late spring 2000.



### **SSATP Steering Committee Meeting**

Bruce Robinson of the IMTP participated in the Sub-Saharan Africa Transportation Program (SSATP) Steering Committee Meeting for Urban Mobility in Cotonou, Benin from October 30 to 31, 1999. Participants from 22 Sub-Saharan African countries as well as several European countries discussed issues of institutional reform, air quality, road safety, micro-enterprises and capacity building. Most of these countries lack a public transport system and instead rely on privately owned mini-buses as their main form of motorized transport. (In Benin the main form of public transportation is by moto-taxi, that is two seat mopeds.) These private enterprises lead to pollution problems as they rely on used vehicles from Europe and at the same time are not profitable enough to justify the purchase of new vehicles. During the session, Bruce Robinson gave a presentation on the IMTP and the training modules that the IMTP has been developing for this region.



**GROUP PHOTO OF THE SUB-SAHARAN AFRICA TRANSPORTATION PROGRAM (SSATP) STEERING COMMITTEE MEETING HELD IN COTONOU, BENIN FROM OCTOBER 30 TO 31, 1999. THE MEETING FOCUSED ON ISSUES OF AIR QUALITY, INSTITUTIONAL REFORM, ROAD SAFETY, MICRO-ENTERPRISES, AND CAPACITY BUILDING.**

### **IMTP/Inter-American-Development Bank/Paranacidade Seminar**

On Thursday, October 7, 1999 FTA and IMTP staff met with Roberto Santori of Paranacidade, an organization that represents cities in Paraná, Brazil, and with Deborah Bleviss, Traci Phillips, and Dharm Guruswamy of the Inter-American Development Bank (IDB). The parties agreed to continue to work to develop a week-long seminar on urban transit issues to be held in the State of Paraná, Brazil in April or May of next year. An outline of the seminar was developed to include several days in Curitiba to examine its successful system followed by a conference in Foz do Iguacu. Both the FTA and the IDB will work to identify topics and to select mayors and transportation officials from cities in both the United States and Paraná to participate and exchange information. It is hoped that sister city relationships between cities could also be developed at this time. In the United States, the ten cities involved in FTA's Bus Rapid Transit Demonstration Project are possible participants.

### **Nigeria Technical Mission**

Rita Daguillard of the IMTP took part in a Technical Assessment Mission to Nigeria from July 17 to 25, 1999. At the request of President Obasanjo of Nigeria, the U.S. Department of Transportation formed a delegation comprised of representatives of the Federal Aviation Administration, the Federal Highway Administration, the Maritime Administration, the Federal Railroad Administration, and FTA, to assess the country's transportation infrastructure and develop an action plan for addressing deficiencies.

The assessment of mass transit needs focused on the city of Lagos, which has a population of some 12 million and no public transit system, and suffers from extreme congestion. Possible solutions discussed with Nigerian officials included establishing a traffic management system; developing a training module for Lagos State transit professionals which would include classroom instruction at the National Transit Institute and hands-on training with a U.S. transit agency; regulating the private minibus industry; and, creating express busways. FTA also plans to work with Nigerian officials and the World Bank on the implementation of a plan for a light rail line that would serve Lagos and its suburbs.

## *U.S. Industry Trade Support*

### **Trade Mission to Latin America**

On October 18, Secretary Slater accompanied by Deputy Administrator Fernandez, Regional Administrator Richard Doyle, Bruce Robinson of the IMTP as well as the Administrators from the Maritime and St. Lawrence Seaway Development Corporation among others visited Curitiba, Brazil as part of the Department of Transportation's Latin America Trade Mission. The U.S. delegation met with Curitiba Mayor Cassio Taniguchi for a breakfast reception, visited several environmental development projects, met and had lunch with the Governor of the State of Paraná, Jaime Lerner, and was briefed by the Presidents of the Planning Institute (IPPUC) and the Transit Operations Company (URBS) before taking a tour of the Curitiba bus transit system as well as joint development projects.



TRANSPORTATION SECRETARY RODNEY E. SLATER, DEPUTY ADMINISTRATOR NURIA I. FERNANDEZ, MEMBERS OF THE U.S. BUSINESS DELEGATION, AND BRAZILIAN OFFICIALS, AMONG OTHERS, EXAMINE THE FREE UNIVERSITY FOR THE ENVIRONMENT IN CURITIBA, BRAZIL.

The goals of the visit were to demonstrate to the Secretary why FTA is so enthusiastic about Bus Rapid Transit, to introduce several U.S. business members to the local community, and to sign a Memorandum of Intent (MOI) with the State of Paraná. This MOI provides a framework for the joint U.S.-Brazilian conference on replicating the Curitiba model that the FTA and the Inter-American Development Bank plan to set up for late May of next year.

On October 19, FTA Region I Administrator Richard Doyle and Bruce Robinson of the IMTP visited the Volvo bus and truck plant in Curitiba, Brazil. They met with Mr. Oswaldo Schmitt, Director of Bus & South America and Mr. Bernardo Fedalto Jr., Manager of Bus



SECRETARY SLATER AND CASSIO TANIGUCHI, MAYOR OF CURITIBA, BRAZIL, EXAMINE A "SPEEDY" BUS DURING THE TOUR OF THE BUS TRANSIT SYSTEM.



Sales for Brazil, and were given a tour of the plant. The Volvo plant in Curitiba builds bus engines and chassis, including those used for the bi-articulated buses in Curitiba. Volvo, which owns Nova BUS, including its plant in New Mexico, expressed interest in supplying buses for those cities involved in FTA's Bus Rapid Transit Demonstration Project.

### **FTA/DOC Collaboration on Transit Export Data Base**

In the framework of its recently signed memorandum of understanding with the Department of Commerce (DOC), FTA is now working with the Office of Trade and Economic Analysis at DOC to compile a data base that would track U.S. exports of transit products. To date, DOC has maintained no specific data on transit exports, which are classed in the general transportation export categories. DOC is now assembling a team of statisticians and commodity experts to establish separate categories for transit exports. The data generated may be updated on an annual basis, and will help DOC and FTA determine the effectiveness of their joint efforts to promote U.S. transit products in international marketplaces. DOC hopes to complete the database by Spring 2000.



FORMER FTA ADMINISTRATOR GORDON J. LINTON, ASSISTANT SECRETARY AND DIRECTOR GENERAL OF THE U.S. AND FOREIGN COMMERCIAL SERVICE (DOC) AWILDA R. MARQUEZ, AND MICHAEL J. COPPS, ASSISTANT SECRETARY, TRADE DEVELOPMENT (DOC) SIGN A MEMORANDUM OF UNDERSTANDING BETWEEN THE FTA AND THE U.S. DEPARTMENT OF COMMERCE (DOC)

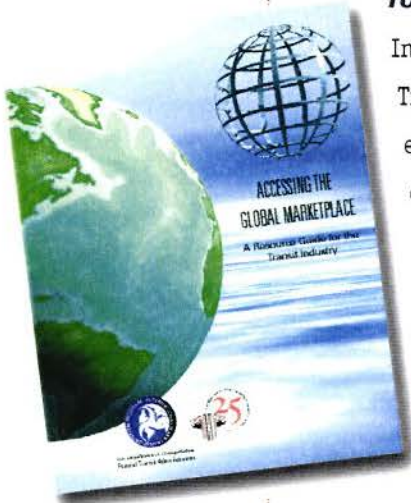
### **Trade Mission to Spain**

Rita Daguillard of the IMTP participated in a trade mission to Spain from October 2 to 9, 1999. The mission, which was organized by the Spanish Government, aimed at presenting an overview of Spanish progress in several industrial areas, including public transportation. It included tours of the Bilbao Metro, the Madrid Metro, the AVE rapid rail system, and the San Sebastian public bus system. Participants also visited the headquarters of CAF, the Spanish rail car manufacturer that is now collaborating with U.S. suppliers and assemblers to produce new cars for the Washington Metropolitan Area Transit Authority and trolleys for Sacramento Transit.

The visits highlighted Spanish advances in automatic train control, vehicle locating and passenger information systems, and possible technical cooperation and information exchanges with U.S. industry in those areas. Spanish officials also expressed great interest in Spanish/U.S. collaboration on measures to ensure mobility access for the disabled. The International Mass Transportation Program will begin establishing specific bilateral cooperation projects covering these areas.

**Publication of *Accessing the Global Marketplace: A Resource Guide for the Transit Industry***

In partnership with the American Public Transit Association, the International Mass Transportation Program developed a resource guide that provides information on the export process. Aimed primarily at small to medium sized companies, the guide gives detailed information on the organizations and programs available for export assistance at each stage of the process, from market research to trade promotion and financing. It also provides contact information on U.S. Federal and state government agencies, international organizations, and trade associations whose mission is to assist U.S. companies in their export efforts. Demand for the publication has been brisk: the IMTP disseminated several hundred copies during the American Public Transport Association Annual Meeting and Expo, held in Orlando, Florida in October 1999.



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INTERNATIONAL MASS TRANSPORTATION PROGRAM 1999 ACTIVITIES REPORT

## *Official Launching of FTA's International Mass Transportation Program*

The official launching of FTA's International Mass Transportation Program (IMTP) took place on Wednesday, September 15, 1999, at the Willard Intercontinental Hotel in Washington. The launching was attended by members of the public and private sectors of the transit industry, representatives of various trade associations, U.S. government agencies and international organizations, and members of the diplomatic community.

Speakers from the World Bank, Inter-American Development Bank, Overseas Private Investment Corporation, Export-Import Bank, U.S. Agency for International Development, Trade and Development Agency, the Intelligent Transportation Society of America, and the American Public Transit Association discussed ways in which the IMTP will work with their organizations in meeting its statutory goals. These include international cooperation in the training of transit professionals; technology and information exchange through meetings, conferences and seminars; and increased collaboration on specific technical projects.

The session was followed by the signing of a memorandum of understanding (MOU) between FTA and the Department of Commerce on the promotion of transit exports. Under the MOU, the parties pledged to initiate a joint effort to promote the export of transit goods and services, through trade missions, the establishment of a transit export database, and the dissemination to the transit industry of market opportunities abroad. A luncheon following the session featured U.S. Department of Transportation Deputy Secretary Mortimer L. Downey as guest



TRANSPORTATION  
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MORTIMER L.  
DOWNEY GAVE  
THE KEYNOTE  
ADDRESS FOR  
THE LAUNCHING  
OF FTA'S  
INTERNATIONAL  
MASS  
TRANSPORTATION  
PROGRAM ON  
SEPTEMBER 15,  
1999.



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## INTERNATIONAL MASS TRANSPORTATION PROGRAM 1999 ACTIVITIES REPORT



PANEL DISCUSSION DURING OFFICIAL LAUNCHING OF FTA'S INTERNATIONAL MASS TRANSPORTATION PROGRAM SEPTEMBER 15, 1999. PANELISTS REPRESENTING U.S. GOVERNMENT AGENCIES, INTERNATIONAL ORGANIZATIONS AND TRADE ASSOCIATIONS DISCUSSED COOPERATION WITH THE IMTP.

speaker. Mr. Downey hailed the creation of the IMTP as an important step in helping the transit industry meet the challenges of globalization and take advantage of the vastly increased market opportunities that have come about as a result of recent trade agreements such as NAFTA and GATT. He emphasized the strengths of the American transit sector, which include expertise in such areas as planning, engineering, and turnkey projects. Mr. Downey expressed the expectation that the IMTP will play a key role not only in promoting the U.S. transit industry abroad, but also in collaborating with other U.S. DOT agencies in furthering intermodalism on an international scale.

