Topic: 2. Solutions for Sustainable Mobility

PR12: The European ITS platform+: a key player to support future deployment plans

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Deployment of the ITS and Operations in the US
Outline

• Performance Management
• Encouraging Deployment of ITS
• Evaluating Deployment
• V2I Deployment Coalition
• National Operations Center of Excellence
• Integrated Corridor Management
• Connected Vehicle
Performance Management

- National Goals
- Performance Measures
- Performance Targets
- Performance Plans
- Target Achievement
- Performance Reporting

Special Performance Rules Apply

Targets set by States & MPOs

TOWARDS INTELLIGENT MOBILITY
Better use of space
Encouraging ITS Deployment

- **Research and Demonstration**
  - Pilot Tests
  - Demonstrations
  - Grants
  - Competitions
  - Awards/Recognition
  - KTT activities

- **Early Adoption and Deployment**
  - KTT activities
  - Grants
  - Awards/Recognition
  - Increase eligibility of ITS for deployment programs
  - Legislative Mandates
  - Standards
  - Policies

- **Deployment Maturing**
  - KTT activities
  - Regulations
  - Legislative Mandates
  - Standards
  - Policies

TOWARDS INTELLIGENT MOBILITY
Better use of space
Evaluate Deployment

Freeway Management Deployment Indicators

- % Freeway miles with real-time traffic data collection technologies
- % Freeway miles covered by surveillance cameras (CCTV)
- Number of Dynamic Message Signs (DMS)
Evaluate Deployment

The bar chart illustrates the percentage of arterial management agencies utilizing various technologies from 2000 to 2013. The technologies include Loop Stations, Video Imaging Detectors, DMS, Red Light Running Cameras, CCTV, Parking Management Systems, Traffic Adaptive Signals, Bluetooth Readers, and Radar Stations. The chart shows a significant increase in the deployment of Loop Stations and Video Imaging Detectors over the years, with a notable decrease in the deployment of Radar Stations.
National Operations Center of Excellence

Goal:
Make it THE place to go for TSM&O information and peer exchange

Content:
Technical resources
Calendar of events from many sources
Discussion forums
Peer exchanges
Webinars
Case studies, and much more
CV V2I Deployment Coalition

• Provide leadership on Connected Vehicle (CV) Program deployment efforts
• Establish CV deployment strategies
• Lead and provide support on continued technical research for CV
• Support CV standards development
• Provide input to and refinement of CV guidance
## Top Issues

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Integrated Corridor Management

An opportunity exists to realize significant improvements in the efficient movement of people and goods through integrated and proactive management of major multimodal transportation corridors.
Integrated Corridor Management

San Diego, CA (I-15)

Pioneer Sites
- Dallas, TX
- Houston, TX
- Minneapolis, MN
- Montgomery County, MD
- Oakland, CA
- San Antonio, TX
- San Diego, CA
- Seattle, WA

Dallas, TX (US 75)

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