



Tools for the Road Ahead

**Capacity Focus Area
Implementation Activities
June 25, 2014**



U.S. Department of Transportation
Federal Highway Administration



TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

Capacity Implementation Activities

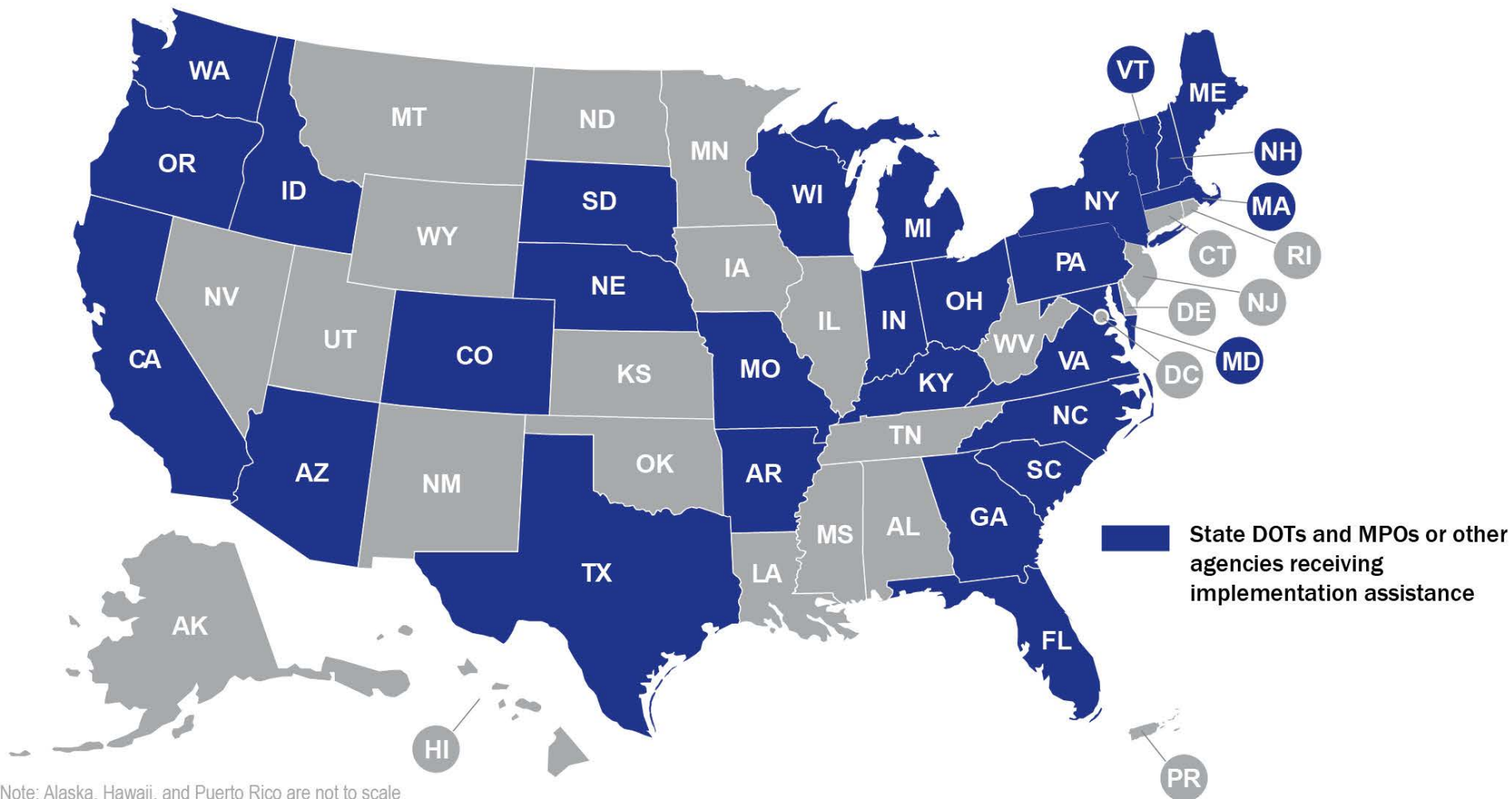


- **Implementing Eco-Logical (C06)** – 7 DOTs and 7 MPOs
- **Expediting Project Delivery (C19)** – 10 DOTs and 2 MPOs
- **Freight Demand Modeling and Data Improvement (C20)**
– 5 DOTs and 6 MPOs

- **Overall:**
 - 8 capacity product bundles containing 16 products
- **Progress To Date:**
 - 6 implementation planning workshops complete covering 14 products/bundles

Capacity Focus Area

*Transportation Agencies Begin Implementing SHRP2
Rounds 1,2, and 3 Products – FHWA/AASHTO Implementation Assistance Program*



Implementing Eco-Logical C06



- Implementation Assistance Program: Round 1
 - \$1.7 million to 7 lead adopters and 7 user incentives
 - Coming Soon on C06:
 - Communities of Practice through AASHTO's Center for Environmental Excellence
 - Peer Workshops (Fall 2014)

Implementing Eco-Logical C06



- AASHTO Self-Assessment Survey
 - Identified additional States and MPOs interested in Eco-Logical to which FHWA and AASHTO will target support
- Starter Kit and Practitioner's Handbook
- Workshops and Peer Exchanges
- Champions and Case Studies
- Technical Assistance

Expediting Project Delivery

C19



- Implementation Assistance Program: Round 2
 - \$1.6 million to 6 lead adopters and 6 user incentives
- Six assessment workshops utilizing the Expediting Project Delivery Assessment in PlanWorks
 - Florida DOT, Massachusetts DOT, and South Dakota DOT= completed
 - Arizona DOT, Arkansas DOT and Vermont DOT= coming soon

Freight Demand Modeling and Data Improvement – C20



- Implementation Assistance Program: Round 3
 - \$2.45 million for 11 Proof of Concept pilots
- Two categories for Proof of Concept Pilots
 - Behavior Based Modeling
 - Local Freight Data Initiative
- Approved Implementation Plan with AASHTO
 - Supply Chain Data and Behavior Modeling Synthesis
 - Documentation of Changes to Freight Choices

Advanced Travel Analysis Tools

C10/C04/C05/C16



- Overall budget - \$4.2 million for implementation and \$900K for Additional Development
- Implementation Assistance Program: Round 4
 - \$2.8 million for C10 proof of concept pilots
 - \$300K for C04/C05 lead adopters
 - \$300K for C16 users
- Approved Implementation Plan with AASHTO
 - Rebranding of C16 web-tool and hosting options

Economic Analysis Tools

C03/C11



- Overall budget - \$2.0 million for implementation
- Implementation Assistance Program Round 4
 - \$1.0 million for Lead Adopters and User Incentives
 - Possible web hosting from AASHTO
- Implementation Plan has been drafted- set for final approval this month

Process Bundle

C02/C08/C15/C09/C12

- Implementation Planning Workshop held on June 3-4
- \$3.7 million available for implementation
- Implementation Assistance Program: Round 5
- Connection of Process Tools Bundle back to PlanWorks

PlanWorks

C01

- Formerly known as TCAPP
- FHWA version under development
 - Initial design work wrapping up
 - Schedule development underway to be integrated with implementation planning
- Pre-implementation planning underway



PlanWorks Expert Task Group



- Idaho Transportation Department
- Arkansas State Highway and Transportation Department
- Florida Department of Transportation
- Massachusetts Department of Transportation
- Maryland State Highway Administration
- Michigan Department of Transportation
- San Diego Association of Governments
- Puget Sound Regional Council
- Knoxville Regional Transportation Planning Organization
- North Central Texas Council of Governments
- Environmental Protection Agency
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- Federal Transit Administration
- Association of Metropolitan Planning Organizations
- National Association of Regional Councils
- American Association of State Highway and Transportation Officials
- Transportation Research Board

Geospatial, Ecological Tools and Data – C40



- FHWA/AASHTO considering a number of options moving forward
- Outreach Underway
 - Federal interagency presentations
 - GIS-T Conference workshop
 - AASTHO Standing Committee on the Environment
 - AASHTO Standing Committee on Planning
 - AMPO
- Need stakeholders to test product from consultant and provide feedback to FHWA

Questions?



Save lives. Save money. Save time.

