



ICAT Program Status Report and FY 2011 Plans

October 22, 2010

ICAT Project Team Web Meeting



What is ICAT?

Integrated Corridor Analysis Tool (ICAT)

- GIS-based system of transportation networks and data for the Coalition Region
 - Display current transportation infrastructure and travel patterns across states
 - Provide data to support multi-state analyses of transportation issues in the Coalition region
- Enable Coalition members to coordinate multi-state transportation planning, investment and operations.



ICAT Components

1. ICAT Networks and Data
 - Highway Network (in progress)
 - Rail Network (completed)
 - Vehicle Trip Tables (completed)
2. ICAT Services
 - WebCAT (operational)
 - DataCAT (operational)
3. Applications



FY 2010

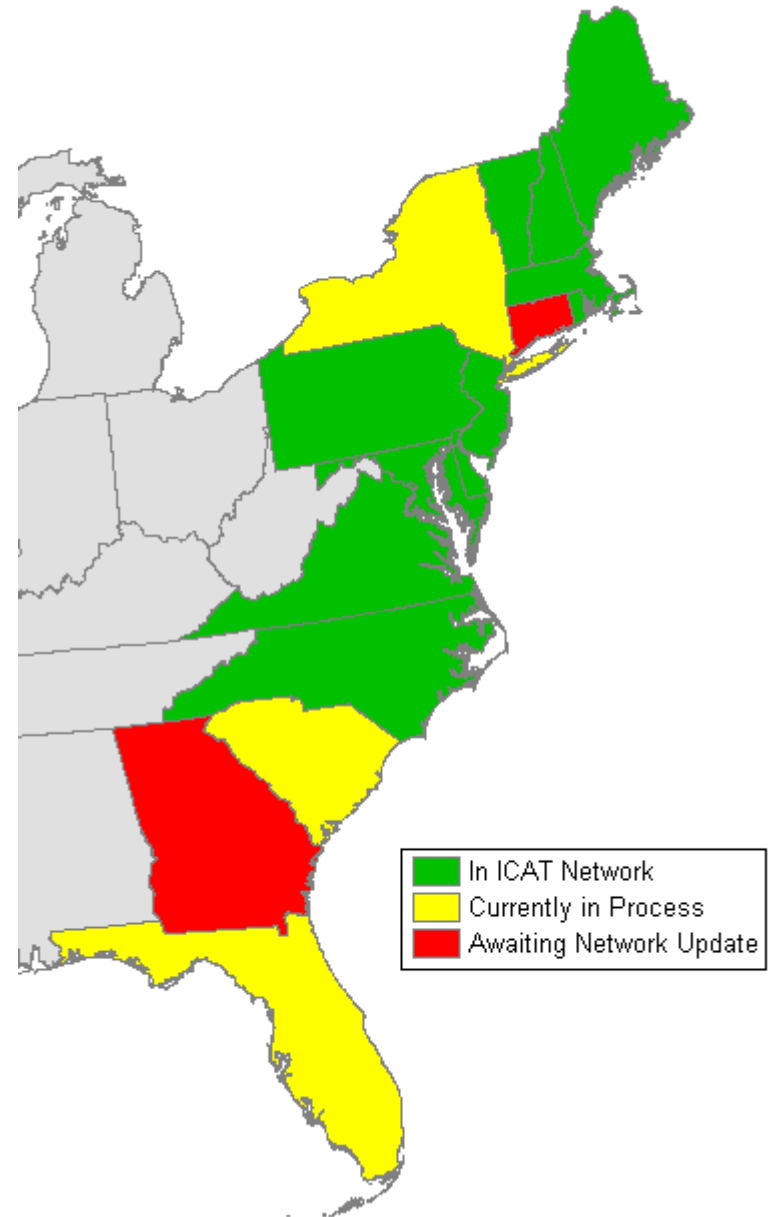
ICAT Data Enhancements

- Added four state networks to the ICAT highway network (VA, RI, PA, NJ)
- Added pavement & bridge performance measures for DE, MD, and VA
- Updated ICAT highway attributes with most recent (2008) HPMS data
- Updating national databases on WebCAT



Current Status of State Highway Networks

- 12 States currently in ICAT hybrid network
- 3 States currently being processed
- 2 States are updating their highway networks





FY 2010 WebCAT Enhancements

- Developed WebCAT User's Guide
- Improved WebCAT query and selection capabilities
- Created topic-specific map folders to organize and display topical, thematic maps.



ICAT Services

WebCAT

<http://ags.camsys.com/webcat/>

- Unrestricted public web-based GIS viewer
- Allows display and queries of ICAT data
- Posting of thematic maps

DataCAT

<ftp://ftp.camsys.com/clientsupport/ICAT/site/index.htm>

- ftp site for downloading ICAT databases



FY 2011 Proposed ICAT Budget Allocation

- Update & Expand ICAT Data (50%)
- WebCAT Enhancements (15%)
- Marketing & Outreach (25%)
- Technical Assistance (10%)



FY2011 ICAT Data Projects

1. Integrate remaining state highway networks into ICAT
2. Update roadway attributes from state data
3. Improve network connectivity within state networks
4. Update auto and truck origin-destination forecasts
5. Add TMC Codes for linking archived traffic data
6. Add new geospatial databases to WebCAT



FY 2011 WebCAT Enhancement Projects

1. Add additional thematic maps from Coalition studies
2. Develop procedures for Coalition members to add their own databases to WebCAT
3. Enhance WebCAT tools and user interface
4. Update WebCAT User's Guide
5. Develop 30-60 second videos showing how to operate specific functions in WebCAT



FY 2011 ICAT Marketing & Outreach Projects

1. Presentations and demonstrations to other Coalition program areas
2. Develop cooperative ICAT applications with two or more Coalition states
3. Develop 30 – 60 second videos of WebCAT demonstrations



FY2012 ICAT Project Ideas

- Data maintenance & updating
 - Add State LRS routes and mileposts
 - Updates to state and national databases
 - Data projects not completed in FY 2011
- Application development and support
- WebCAT and DataCAT enhancements
- Demonstrations to internal and external audiences
- Technical support to ICAT users



ICAT Priorities & Additional Project Ideas

Open Discussion