NEW JERSEY STATE TRANSPORTATION INNOVATION COUNCIL

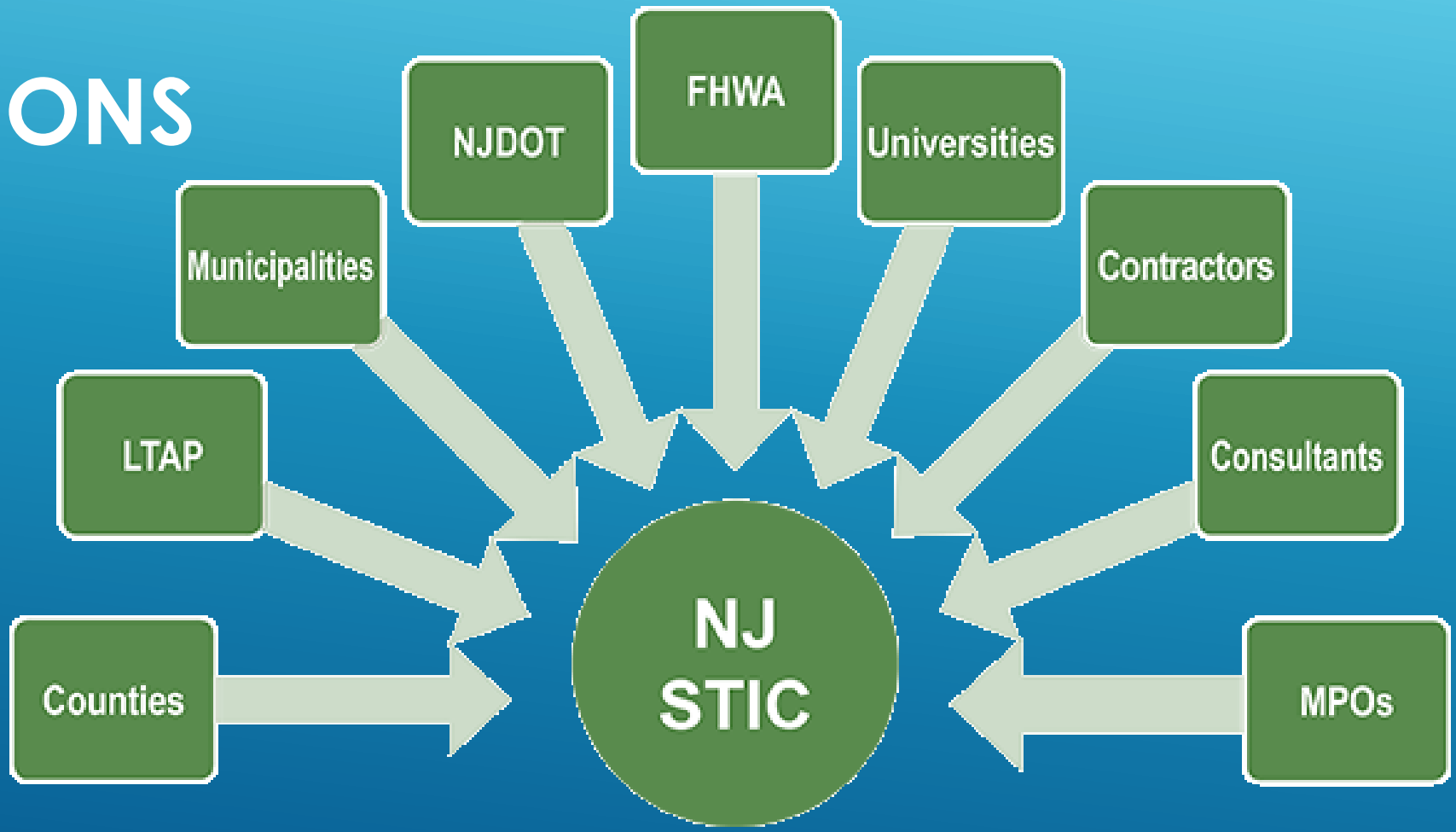
www.NJDOTtechtransfer.net/NJ-STIC

WINTER Meeting
February 5, 2020

WELCOME

Mike Russo
Assistant Commissioner
NJDOT Planning, Multimodal & Grant Administration

INTRODUCTIONS



FHWA UPDATES

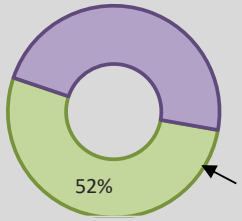
Helene Roberts, P.E.

Innovation Coordinator & Performance Manager

FHWA, NJ Division Office

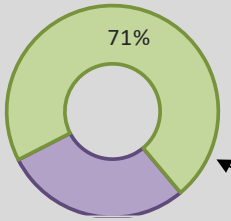
New Jersey

STIC Incentive Projects



$292,054
Funds Allocated

$153,062
Funds Expended



7
Projects Awarded

5
Projects Completed

Accelerated Innovation Deployment (AID) Demonstration Projects

$322,462
Funds Allocated

1
Projects Awarded

Increased Federal-share for Project Level Innovations Usage

$0.00
Additional Federal Share

0
Projects Authorized

EDC-5 Innovations

PROGRESS DURING TWO-YEAR DEPLOYMENT

	Baseline Jan. 2019	Progress June 2019	Progress Dec 2019	Progress June 2020	Final Report Dec 2020	2-Year Goal for Dec 2020	Goal Met?	Highlights / Challenges
Advanced Geotechnical Exploration Methods (A-GaME)	Demonstration	Demonstration	Demonstration					
Collaborative Hydraulics (CHANGE)	Demonstration	Demonstration	Demonstration					
Project Bundling	Institutionalized	Institutionalized	Institutionalized			Institutionalized		
Reducing Rural Roadway Departures (RwD)	Development	Development	Development			Demonstration	0%	
Safe Transportation for Every Pedestrian (STEP)	Assessment	Assessment	Assessment			Institutionalized	0%	
Unmanned Aerial Systems (UAS)	Assessment	Institutionalized	Institutionalized			Institutionalized	100%	
Use of Crowdsourcing to Advance Operations	Institutionalized	Institutionalized	Institutionalized			Institutionalized		
Value Capture	Not Implementing	Not Implementing	Not Implementing			Not Implementing		
Virtual Public Involvement (VPI)	Not Implementing	Not Implementing	Not Implementing			Not Implementing		
Weather-Responsive Management Strategies (WRMS)	Development	Development	Development			Assessment	0%	

The Baseline, Progress, and Goal is updated automatically from SharePoint

Legend:

Not Implementing	not currently using the innovation anywhere in the State and is not interested in pursuing the innovation
Development	collecting guidance and best practices, building support with partners and stakeholders, and developing an implementation process
Demonstration	testing and piloting the innovation
Assessment	assessing the performance of and process for carrying out the innovation and making adjustments to prepare for full deployment
Institutionalized	adopted the innovation as a standard process or practice and uses it regularly on projects

ROUNDTABLE RECAP

Amanda Gendek
Manager
NJDOT Bureau of Research

BUREAU OF RESEARCH

TECH TALK!

SPEAKERS

Charles T. Brown
Senior Researcher,
Rutgers - Alan M. Voorhees
Transportation Center

Ryan Sharp
Director of Transportation
& Parking, City of Hoboken

Mike Manzella
Director of Transportation,
City of Asbury Park

DATE & TIME

Thursday, February 20, 2020
1:30-3:30 PM

LOCATION

NJ DOT Headquarters
Multi-Purpose Room (MPR)
1035 Parkway Avenue
Trenton, NJ 08625

REGISTER AT:

https://techtalk-micromobility.eventbrite.com

Micromobility's Launch in NJ and Beyond

This Tech Talk Event will explore the current state of micromobility as a shared transport option in the U.S. and highlight recent research on cities that have begun to develop and/or refine policies for their bike-share and e-scooter programs. In NJ, Hoboken and Asbury Park have been on the leading edge by piloting micromobility programs. Speakers will discuss each city's experiences with bike-share and the introduction of e-scooters, as well as the demographics of usage, user satisfaction, and community receptivity. The panel will explore the nuts and bolts and the challenges of ramping up shared mobility options including: needed infrastructure improvements; marketing and education to attract users and promote safety; law enforcement; and staffing, funding and revenue sharing arrangements with selected providers.

AICP and PE Credits Available