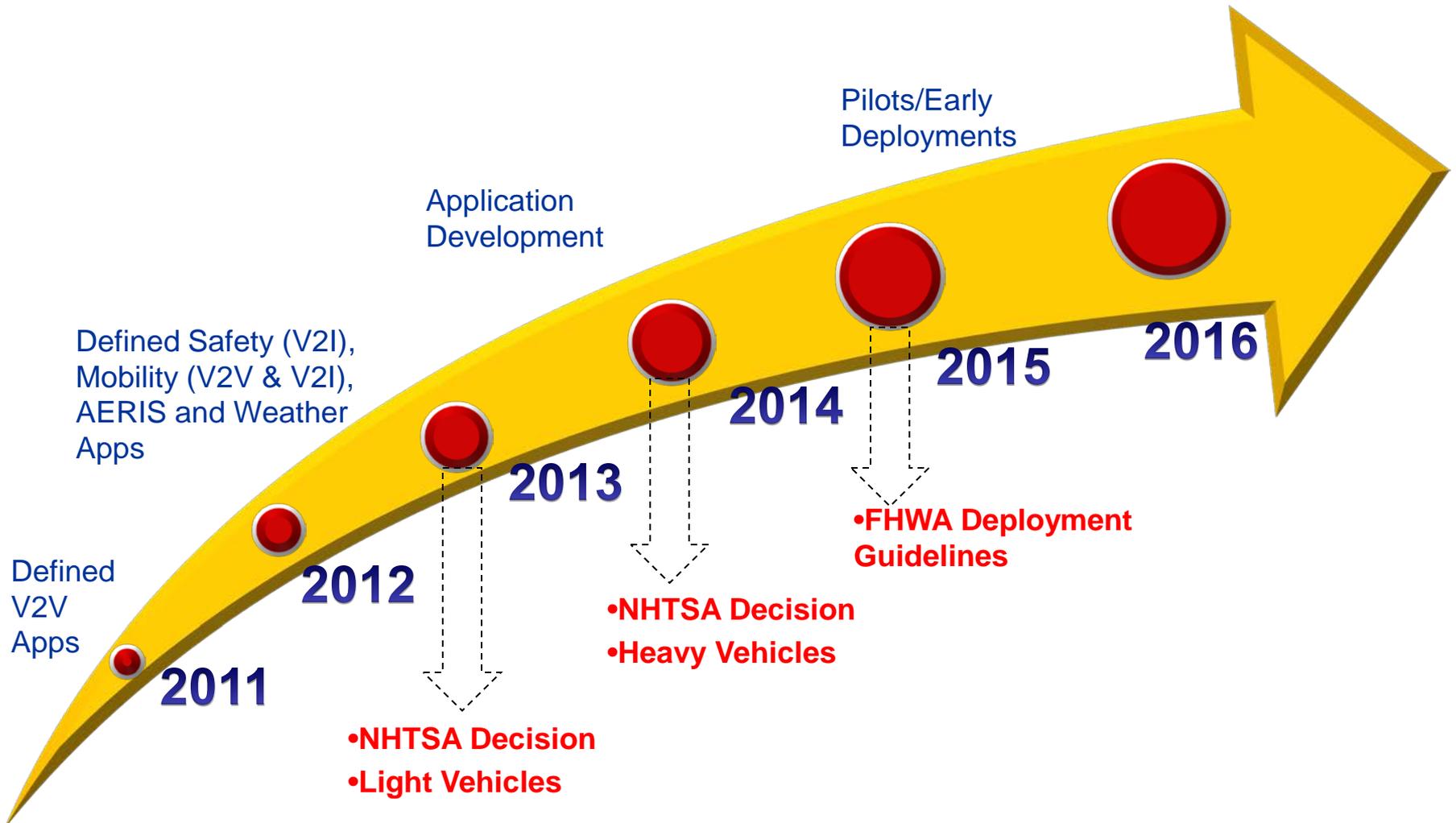


Federal Highway Administration (FHWA)
Operations Office of Transportation Management

FHWA 2015 V2I Deployment Guidance

25 September 2013

The Path To Deployment



Steps Towards Guidance

- Research for NHTSA's 2013 and 2014 Decisions
- Connected Vehicle Safety Pilot
- AASHTO Footprint Analysis
- Applications Research

- Establish workgroup



Infrastructure Deployment Planning

- National Cooperative Highway Research Program (2013 completion)
 - Benefit Cost Analysis for state and local DOTs
- AASHTO National Connected Vehicle Field Infrastructure Footprint Analysis (2014 completion)
- Standardized interfaces
- Certification processes for equipment and systems
- Nationwide Security Credential Management System (SCMS)
- USDOT is working with state and local DOTs and private industry to plan for deployment



2015 FHWA Deployment Guidance

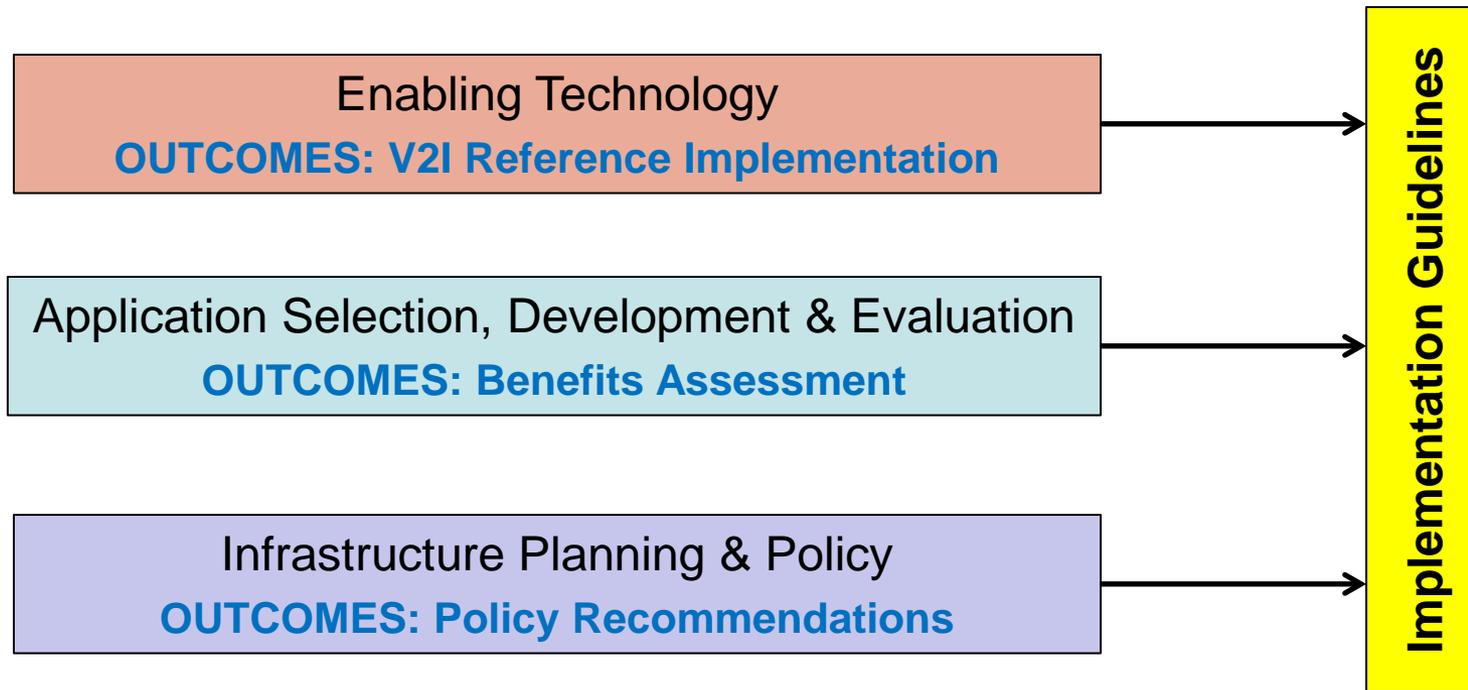


Photo Source: Thinkstock



U.S. Department of Transportation
Research and Innovative Technology Administration
ITS Joint Program Office

V2I Program Elements



FHWA 2015 V2I Workgroup Outcome / Product

- Infrastructure Planning: policy statement and guidance
- Development of Practitioner Toolbox for Deployment
- Regulatory implementation language
- Non-regulatory implementation guidance
- Marketing plan - extension of current Connected Vehicle plan



Activities

- Developing internal outreach by end of October
 - Initial work group includes FHWA, RITA
 - Expanding to other DOT administrations: FTA, FMCSA, NHTSA & OST

- Planning workshop for external stakeholders, etc. later in the year

- Identifying gaps that may need guidance, for example
 - Federal-aid eligibility
 - Transportation planning
 - Infrastructure design considerations
 - ????

Stay tuned!



Summary

- Guidance – not regulation
 - Expected to be updated as more is learned
- “Toolkit” to help public agencies prepare for V2I
- Stakeholder involvement: workshops, etc.

Contacts:

Bob Arnold, FHWA, Office Director

Robert.Arnold@dot.gov

202-366-1285

Bob Rupert, FHWA, Team Leader

Robert.Rupert@dot.gov

202-366-2194

