

Transforming Transportation through Innovation

ASTM Resiliency Webinar
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U.S. Department of Transportation
Federal Highway Administration

*Unless otherwise noted, FHWA is the source
of all images in this presentation.*



CAI's Portfolio of Innovation Programs



Making Every Day Count?

State- and local-based model that identifies and rapidly deploys proven, yet underutilized innovations to:



Shorten Project Delivery



Enhance Roadway Safety



Reduce Traffic Congestion



Integrate Automation

Stakeholder-engaged Model



What is the impact of EDC?

- **Fostering a *culture of innovation***
- **Replicating innovation more quickly**
- **Saving days to months of time and millions of dollars on key projects**
- **Putting the right tools and resources in the hands of those who need them**

Track Record of Success

Every State advanced 19 or more of the 52 innovations promoted in the first five EDC rounds, and some States adopted 40 or more innovations.



EDC-5 Going Strong...

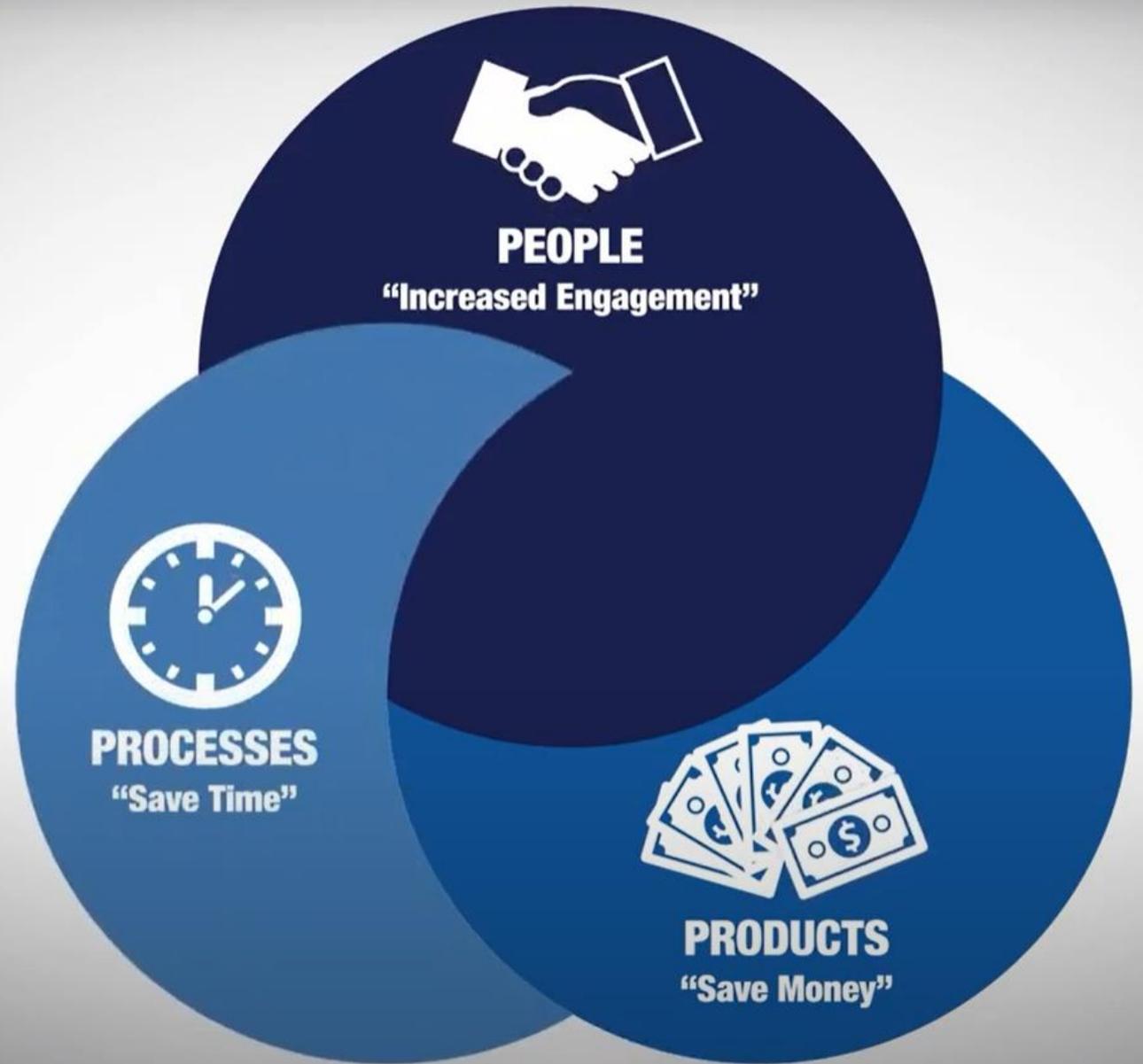
https://www.fhwa.dot.gov/innovation/everydaycounts/edc_5/



Mobility · Safety · Quality · Environment · Shortening Project Delivery



EDC-6 Launch





Targeted Overlay Pavement Solutions (TOPS)

Background

- America needs \$836 Billion to fix highways and bridges
- About 32% of urban roads & 14% of rural roads are in poor condition
- Crumbling roads cost Americans about \$160B in wasted fuel in 2014

Source: USDOT 2015 Conditions and Performance Report to Congress



Image source: Fotosearch.com

Overlays are widely used but not targeted...

- 1/2 Infrastructure \$'s go to Pavements
- More than half of that is Overlays



Image source: Georgia DOT

TOPS EDC Mission



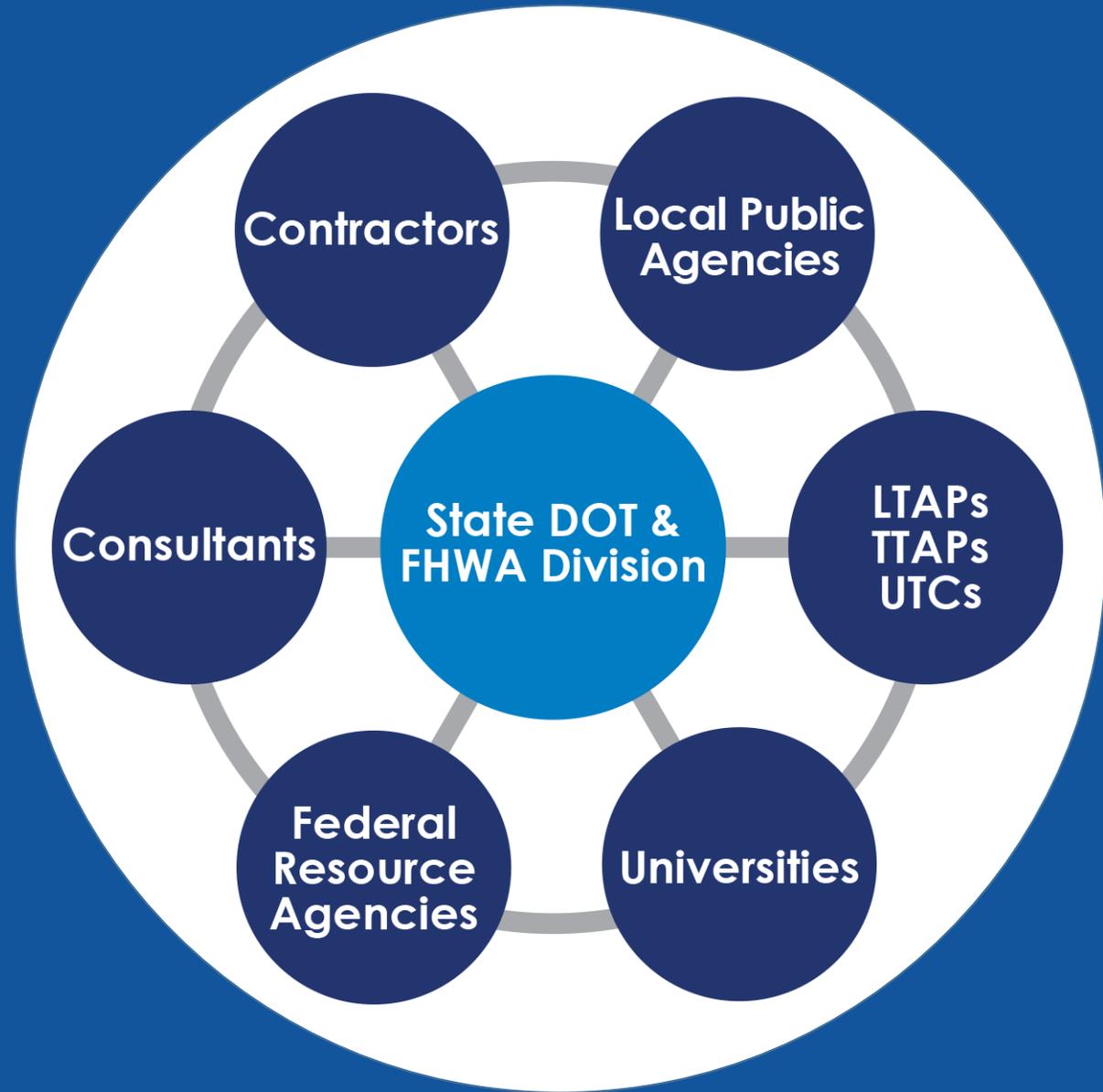
Image source: iStock

Extend life, increase load-carrying capacity, and improve safety, mobility, and user satisfaction in a cost-effective and sustainable manner by delivering targeted pavement overlay solutions...



92 Demonstration Projects Awarded
61 Projects Highlight an EDC Innovation
66 Million Dollars Invested in fostering a *Culture of Innovation*

State Transportation Innovation Council Network





2020 STIC Incentive Top Twelve



Accelerating Market Readiness

... to spur the advancement of emerging transformative innovations



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Have an Idea, Thought, Comment???



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Thank you



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