

Local Infrastructure Hub: A SMART Approach September 12, 2023 to Road Innovation



FY23 SMART Grants Program NOFO

Ben Levine Senior Advisor for Research & Technology U.S. Department of Transportation

Strengthening Mobility and Revolutionizing Transportation (SMART)



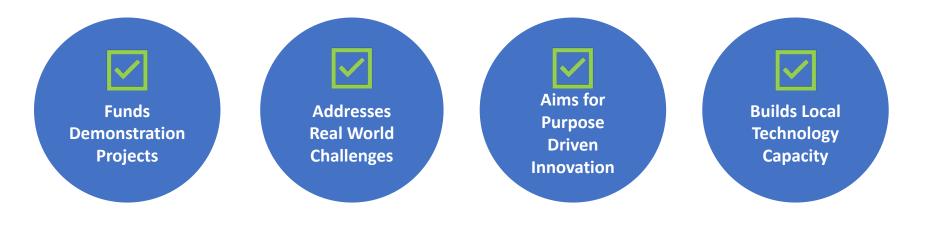
- SMART is a grant program created under the Bipartisan Infrastructure Law (BIL) to fund demonstration projects focused on advanced smart city or community technologies and systems.
- Provides up to \$100M annually from FY22 26 to eligible projects in States, political subdivisions of a State (e.g., cities, counties, towns), Tribal governments, transit agencies, toll authorities, MPOs, and groups of eligible recipients.

FY23 Stage One NOFO is open now through 10/10/23 at 5PM ET

SMART Grants Program Values



The SMART Grants Program:



Program Structure

The structure is a **two-stage program**.

- Stage 1 Planning and Prototyping Grant: \$250,000 to \$2 million over 18 months
- Stage 2 Implementation Grant: up to \$15 million over 36 months

This NOFO is open to Stage 1 applications.

STAGE 1:

Proof-of-concept Build & strengthen partnerships

• Move quickly and demonstrate capacity

STAGE 2:

- Scale prototypes to demonstrate benefits to community
 - Capture lessons learned
 - Evaluate benefits
- Work towards key performance indicators

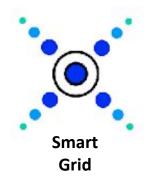
BEYOND:

U.S. Department of Transportation

 Plan for widespread deployment of successful demonstrations

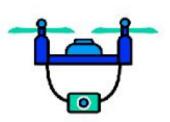
Technology Areas









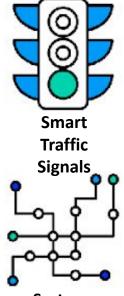


Innovative Aviation



Commerce Delivery & Logistics

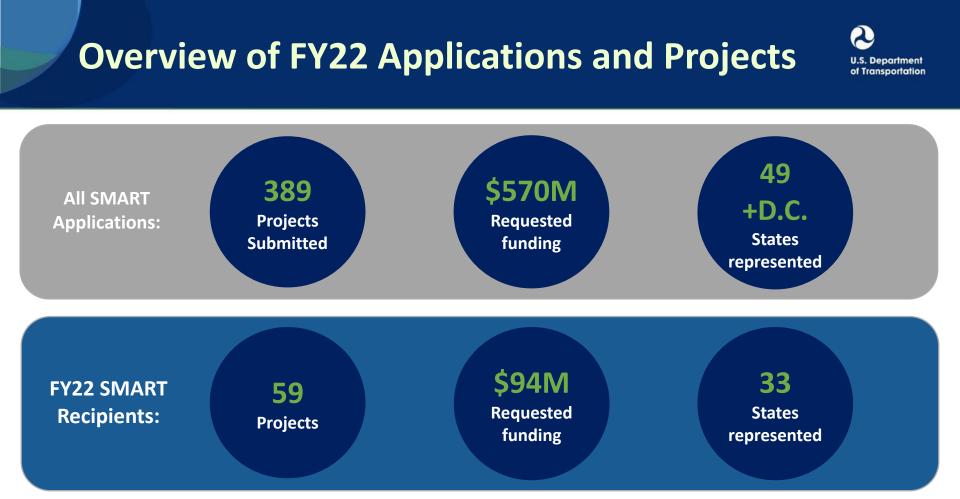




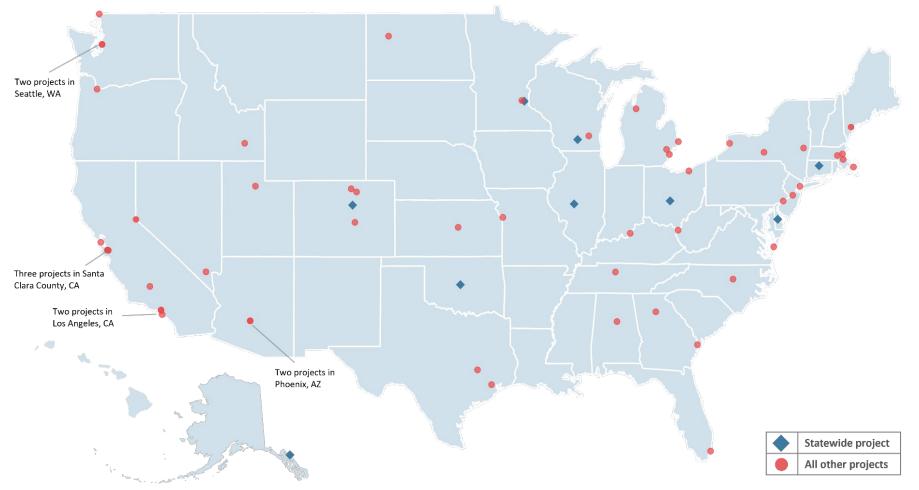
Systems Integration



FY22 SMART Grants Program Cohort



Map of 59 SMART Projects



FY22 Cohort Themes





- The cohort themes are merely descriptive of the cohort; projects were not chosen to fulfill these themes.
- A full list of projects that were awarded FY22 Stage 1 awards can be found on the <u>2022</u> <u>cohort page</u> of the SMART website.
- Projects that match these use cases may not necessarily be selected to receive a SMART grant in FY23.

Successful Applications: Lessons Learned



Applications that were Successful in FY22 Stage 1 Grant Demonstrated the Following:

- <u>Alignment with Program Structure</u>: Stage 1 activities would result in a prototype or deployment. The proposal provides a vision for Stage 2.
- <u>Purpose-Driven Innovation</u>: The project targeted specific existing problems; there was a clear reason for using the chosen technology to solve the problem; the project accounted for equity and policy considerations.
- <u>Transformational Approach</u>: The project leveraged existing technology through demonstration projects and innovative approaches.
- <u>Benefit to Community</u>: The applications demonstrated a clear context for the type of project; the project was rooted in the vulnerabilities of the applicant's own transportation system.



FY23 Notice of Funding Opportunity (NOFO)

FY23 Notice of Funding Opportunity (NOFO)



New Requirements

- \$250,000 minimum award size
- Anticipated workforce impacts
- Anticipated NEPA requirements
- Project Location File
- Additional guidance for Budget Narrative

Other Considerations

- Stage 2 Implementation
- Equity & Justice40
- Community engagement

FY23 Stage One NOFO is open now through 10/10/23 at 5PM ET





FY23 NOFO is live now for Stage One Grants

• Application Deadline: Tuesday, 10/10/2023 at 5:00PM ET to Valid Eval website (<u>usg.valideval.com/teams/USDOT_SMART_2023/signup</u>)

Resources

- SMART Grants website: <u>www.transportation.gov/grants/SMART</u>
- Webinar from 8/17: <u>www.transportation.gov/grants/smart/webinars</u>

Contact

• <u>smart@dot.gov</u> for any questions about our program.

Mayors' Panel



Karina Ricks

Partner, Cityfi



Jeni Arndt

Mayor of Fort Collins, Colorado

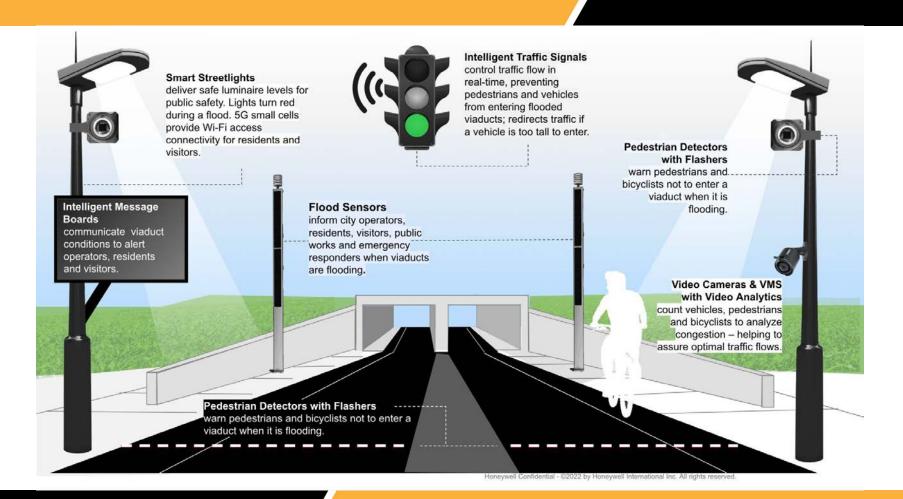


Craig Greenberg

Mayor of Louisville, Kentucky

Five Insights on Developing an Impactful SMART Project:

- 1. Don't invent an initiative.
- 2. Solve old problems in new ways.
- 3. Align your partners.
- 4. Prepare to win.
- 5. Phone a friend.



Registration Now for the SMART bootcamp!

Strengthening Mobility and Revolutionizing Transportation or SMART Grants Program

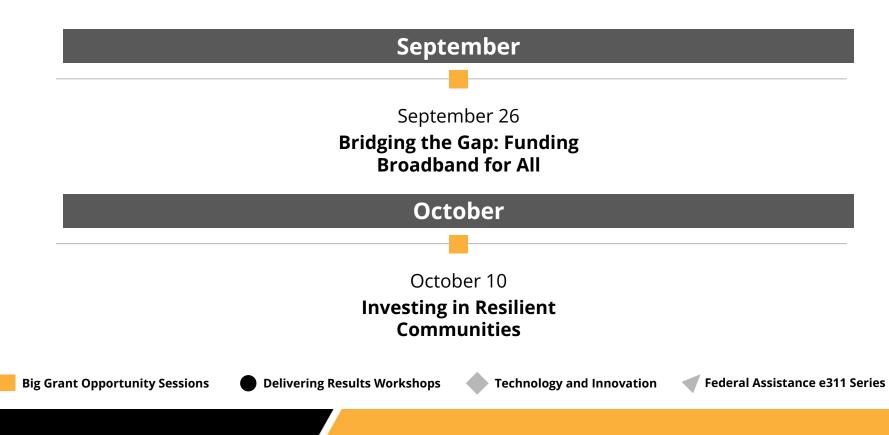


Bootcamps are available for cities that have

- Been through the NLC SMART bootcamp before
- Applied unsuccessfully for the SMART grant, or
- Have a draft grant application for the SMART Grants program, and need help getting it over the finish line.

Register at https://localinfrastructure.org/application-bootcamp/

Local Infrastructure Hub Sessions



Local Infrastructure Hub

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