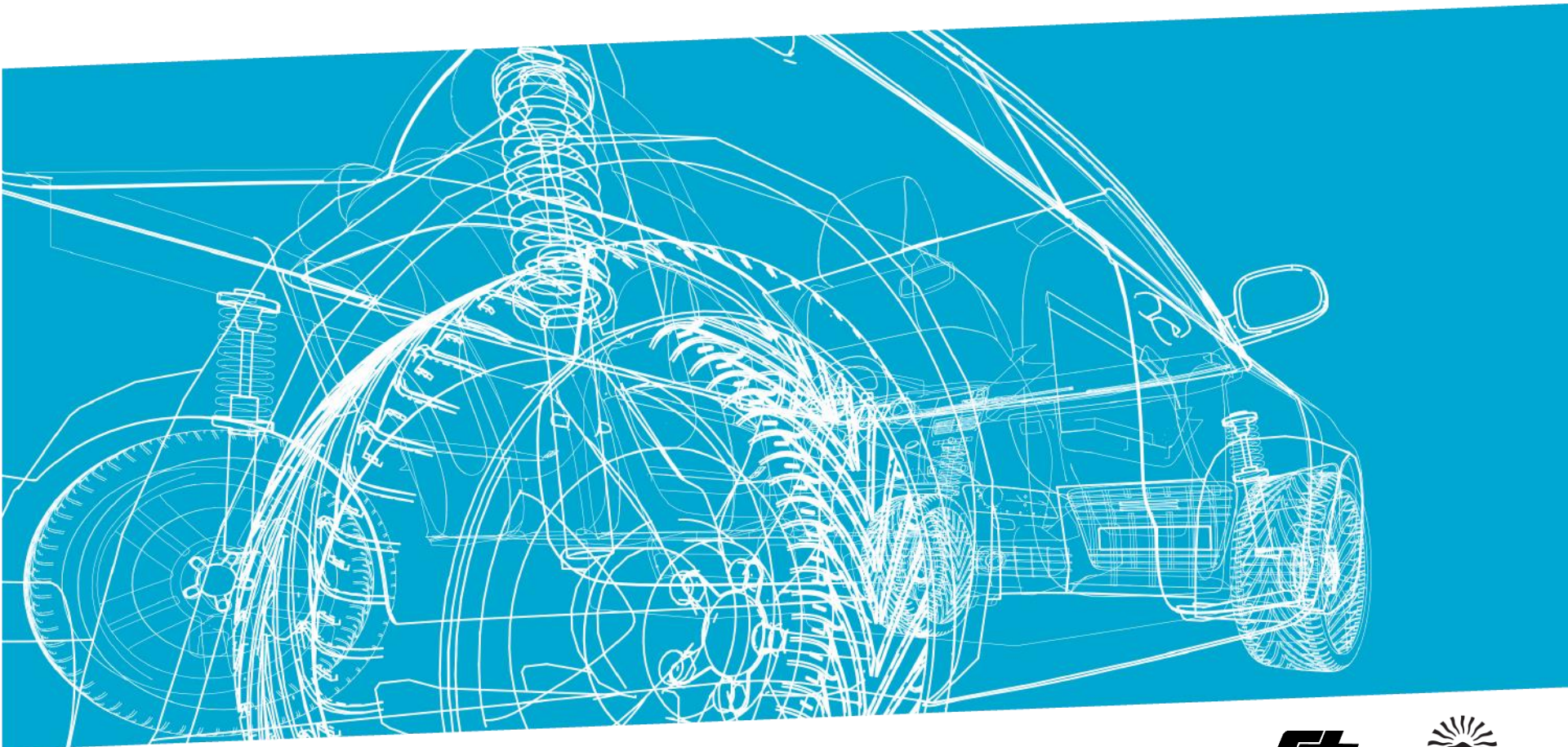


SAN DIEGO REGIONAL PROVING GROUND

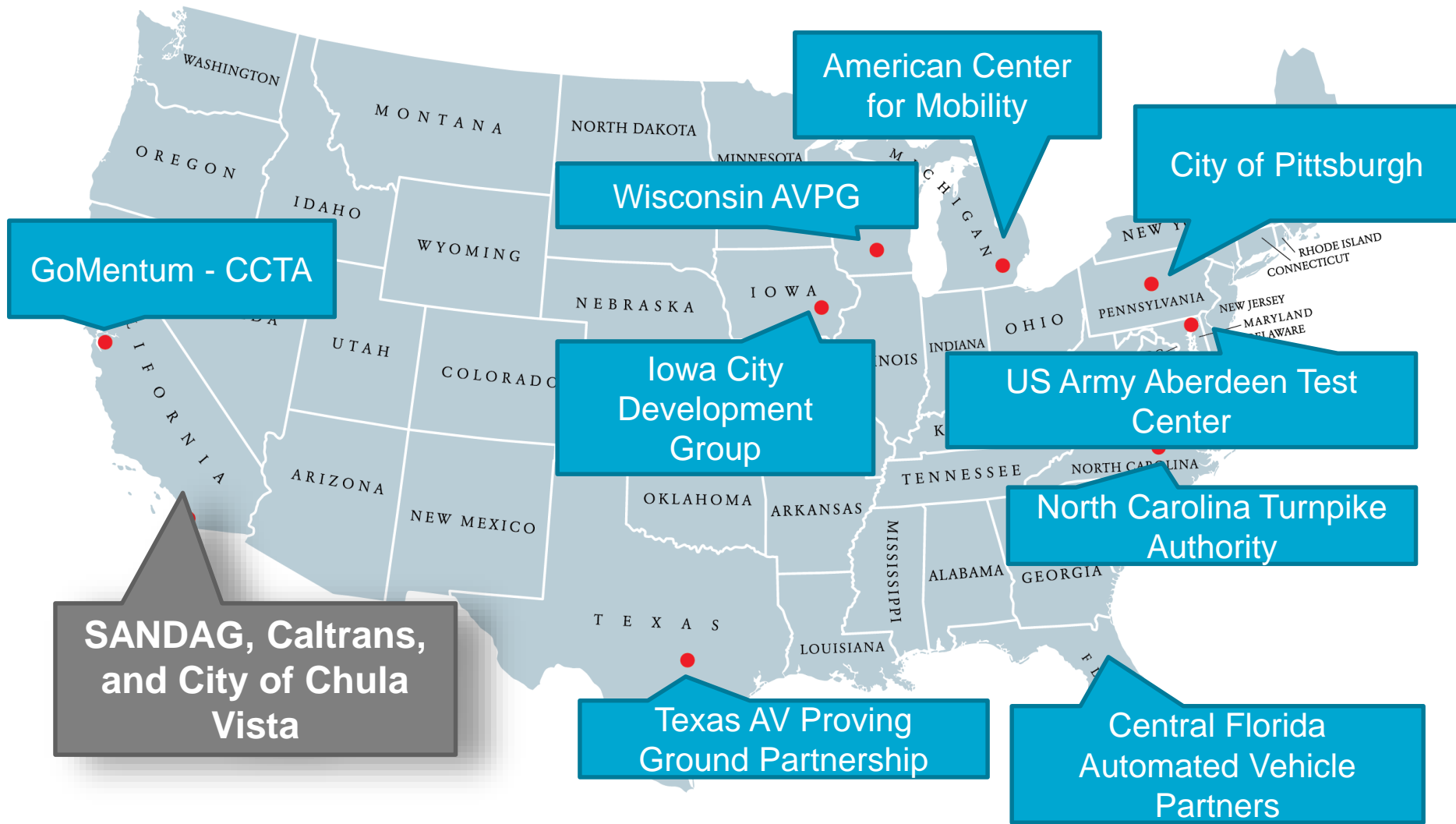
FEBRUARY 27, 2018



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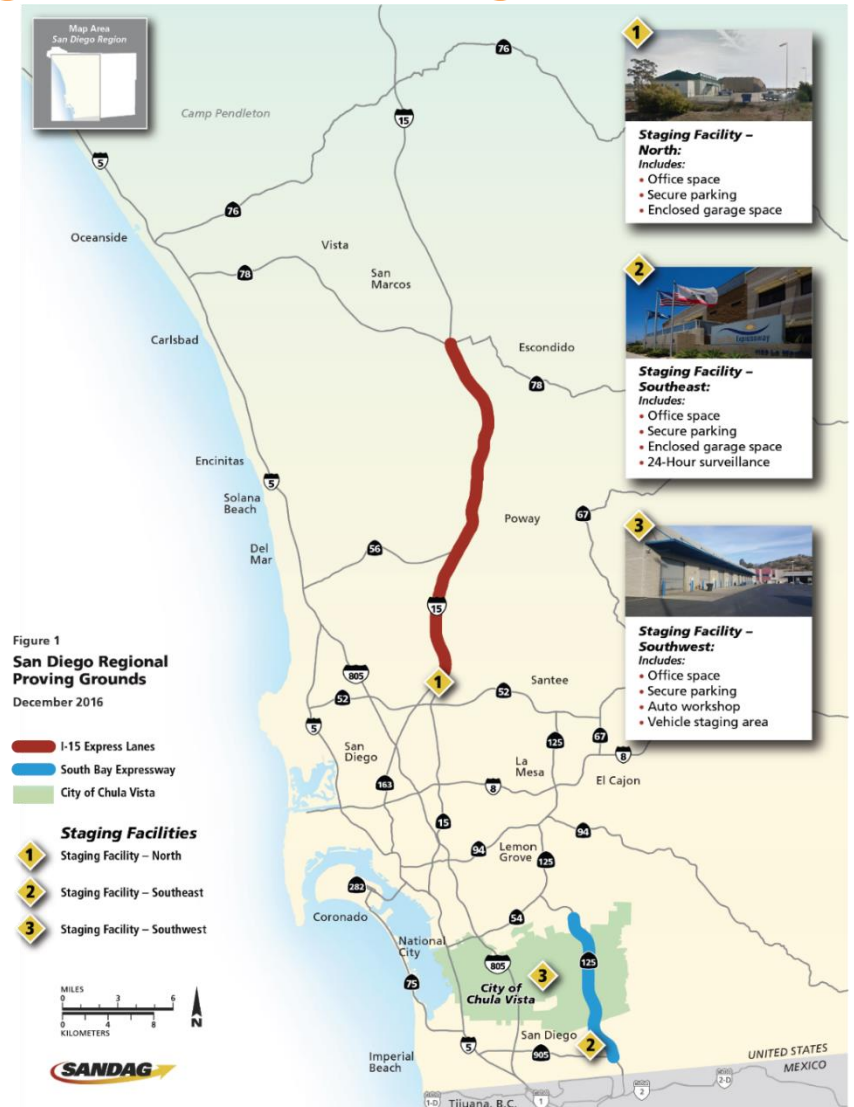


Designated Proving Grounds



Purpose: San Diego Regional Proving Grounds

- Facilitate testing and validation of connected and autonomous vehicle technologies while ensuring public safety and security
- Inform public policy and long-range planning that guides deployment in support of the region's goals for mobility, sustainability, and economic prosperity



City of Chula Vista



South Bay Expressway (SR 125)



I-15 Express Lanes



RPG Consortium Benefits

- Platform for strategic partnerships
 - Collaborate and leverage demonstrations; showcase solutions
- Forum for industry/government collaboration
 - Public policy
 - Technology direction and strategy
- Coordinated public outreach and education
- Access to technical resources, guidance, researchers
 - Single point of contact and streamlined permitting for road closures or encroachment

RPG Consortium Kickoff



Current RPG Activities

- Affiliate Agreements in development
- Safety Management Planning
- Public Outreach and Education Strategy
- Cyber Security Workshop - Spring 2019
- Pilot projects and grant proposals:
 - Planning for Operations for CAV
 - EV Ready Communities - A Plan for Chula Vista
 - Smart Connected Communities
 - AV integration with Public Transit: UCSD
 - Sponsored Legislation SB 1151 NEV
 - Data Analytics
 - Advanced Traffic Signal Systems
 - Bus Rapid Transit CV Pilot
 - Active Traffic & Demand Management

Additional Information

RPG Website:
www.sandag.org/provingground

[USDOT application and letters of support](#)



PROGRAMS

Transportation

Services
Public Transit
[Roads and Highways](#)
Air Quality
Freight Systems

Land Use and Regional Growth

Biking and Walking

TransNet

Public Safety

Borders

Environment

Economics and Finance

Regional Airport Access

RESOURCES

Demographics and Other Data

Maps and GIS

Regional Models

Publications

SERVICES

Public Information Office

Service Bureau

Keep San Diego Moving

511

iCommute

FasTrak

EMAIL NEWSLETTER

Roads and Highways

San Diego Regional Proving Ground

On January 19, 2017, the U.S. Department of Transportation (USDOT) selected the San Diego region as one of ten autonomous vehicle (AV) proving ground sites in the nation. The designated proving grounds will form a national community of practice that will share information and collaborate with the private sector to advance the safe deployment of AVs.

SANDAG, in partnership with the City of Chula Vista and Caltrans District 11, proposed three distinct AV testing environments (the Interstate 15 Express Lanes, the southern segment of the South Bay Expressway, and local streets and roads within the City of Chula Vista) that compose the San Diego Regional Proving Ground.

The San Diego Regional Proving Ground formed a consortium of industry affiliates, government, and academic partners to collaborate around connected and autonomous vehicle technology, public policy, regulations, and research and development. On October 19, 2017, during the first meeting of the consortium, several focus areas were discussed as potential opportunities for demonstrations:

- Transit and mobility
- Cybersecurity and data
- Smart streets and smart fleets
- Freight and the international border
- Wireless charging and transponderless tolling
- Public outreach and education

[Learn More](#)

[Become an Affiliate](#)

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For media inquiries, please contact the SANDAG Public Information Office at (619) 699-1950 or plo@sandag.org.

Related Resources

Publications

- [Fact Sheet - San Diego Regional Proving Ground](#) [PDF: 803KB]