NGAC Public-Private Partnerships Subcommittee Update

NGAC Meeting
October 28, 2020
Public-Private Partnerships (P3)

❖ **Purpose of the Subcommittee:**

1. Examine case studies of successful PPPs,
2. Discuss factors that make P3s successful, lessons learned that can help shape more productive partnerships
3. Identify potential priority areas for application of partnerships for advancement of the NSDI, and
4. Make recommendations to establish and sustain such arrangements in support of the NSDI.

❖ **Membership:**

❖ Sanjay Kumar (Co-Chair), Mark Reichardt (Co-Chair), Frank Avila, Sarah Battersby, Mike Hussey, Cy Smith, Gary Thompson, Amber Shultz, Chad Baker, Jack Dangermond, Mark Meade, Siva Ravada, Felicia Retiz; Pat Cummens*, Barbara Ryan*

❖ **Federal Contacts & Support:** Ivan DeLoatch, John Mahoney, Travis Hardy, Julie Eckert.
Public-Private Partnerships (P3)

❖ Accomplishments to date:
  • Interviews Conducted / Case Studies Developed
    • Alberta Data Partnerships
    • Geospatial Insurance Center (National Insurance Crime Board)
    • India Property Tax Management P3
    • States / TomTom Collaborative Pilots
    • GPS on Benchmarks – National Geodetic Survey
    • NGA Partnership Intermediary Agreement (PIA)
  • Other Case Studies in work / review
    • California Public Safety Power Shutdown (PSPS)
    • Community Map of Canada Partnership
Accomplishments to date (cont’d)

- Definition of P3 and Innovative Partnerships based on case studies and literature review
- Identified / documented characteristics of success, cautionary lessons
- Prepared initial draft report / recommendations

Tasks / Actions Ahead

- Receive NGAC member feedback on interim draft
  - Definition/Scope, Case Studies, Recommendations
- Complete evaluation of additional case studies
- Finalize document for NGAC approval consideration, December 2020
Public-Private Partnerships (P3)

**Figure 3: P3 Case Study Maturity Assessment**

- **Characteristics of a P3**
  - Capable industry partner(s)
  - Clearly defined roles and responsibilities for all parties

- **Enabling Conditions**
  - Well identified and aligned goals
  - Well defined partnership and agreement
  - Shared risk and reward
  - Clearly defined ownership, IP, and responsibility

- **Operational Components**
  - Long term agreements to enhance collaboration
  - Diversified revenue model to sustain operations
  - Incentivize industry capabilities
  - Regular innovation cycles to improve outcomes
  - Leverage piloting and experimentation for outcomes

- **Communication & Engagement**
  - Strong stakeholder engagement
  - Strong program of communication
  - Establish/maintain trust across all partners

**Partnerships**

- Alberta Data Partnership
- Geospatial Insurance Center
- NGA PIA
- GPS on Benchmarks
- TomTom State Data Partnerships

**Strong**
- Geospatial Insurance Center
- NGA Partnership intermediary Agreement
- TomTom / States Piloting
- GPS On Benchmarks

**Weak**
- Alberta Data Partnership

Adapted from “Visualizing Trends in Transportation”
Draft Recommendations for Discussion

1. Establish P3s and other innovative partnerships to address high priority NSDI needs
2. Work with geospatial associations, governors, county commissioners, mayors to identify high priority geospatial needs
3. Develop strategy for national collaborative governance process to better inform and guide creation of P3s and other innovative partnerships
4. Develop and implement a strong geospatial partnership education and communication program
5. Continue the P3 Subcommittee in 2021 to monitor, document and make available case studies of new P3 and innovative partnerships, and to assist in communicating purpose and value of such arrangements.
Public-Private Partnerships (P3)

❖ Schedule / Milestones

- **September**: Draft P3 Recommendation Paper to NGAC for review and comment
- **October 28**: Discussion with NGAC on scope, impact of case studies, recommendations
- **November 6**: NGAC Comments due to P3 Subcommittee
- **October – November**: Address feedback from NGAC, Examine additional use cases, 
- **December 2020**: Submit revised Recommendation Paper to NGAC