

# NAPSG Foundation - National Strategy to Operationalize GIS

For Public Safety & Homeland Security

## ADAPTIVE STANDARDS

- Identify and accelerate existing standards that will advance discovering, gathering, and sharing
  - Identify gaps (technical and non-technical)
- Identify functional interface standards for communicating, exchanging, and sharing information in an open environment

## GOVERNMENT

- Local, tribal, state, regional, Federal
- International

## ORGANIZATIONS

- Identify and include all appropriate sectors
  - Professional associations
  - Regulated industries
  - Volunteer agencies/industries
- Identify and recruit a broad base of champions across sectors

## AWARENESS

- Regional Leadership Teams
- Leadership
  - Establish a vision
- Building recognition
- Building acceptance

## TOOLS

- Training Package: curriculum and guidelines
- Capabilities & Readiness Assessment Tool
- Implementation Guide & SOP template
- Catalogue/develop Needs Assessment
  - Prioritize data: dynamic, computer aided dispatch, Automatic Vehicle Location, video, sensor, social media, etc.
- Guidance on Best Practices
  - Leverage: pilot projects, case studies, and lessons learned
- Catalogue existing GIS, applications, and standards efforts at the local, state, and Federal levels
- Catalogue and evaluate existing meta-data efforts
  - Determine meta-data exchange standards

## OUTREACH

- Education
  - Regional User Group Workshops
- Training
  - Curriculum development
  - Guidelines
- Speaker & Mentorship bureau
- Distribute and disseminate tools

## PILOT IMPLEMENTATION

- Combine several components of the previous steps into each pilot when the timing is right

## Implementation

## OPPORTUNITY - INSTITUTIONALIZE

- Funding
- Governance
- Sustainability - Take pilots to sustainable model
- Feedback loop from pilots and implement into lessons learned documents
- Quantify success at ALL levels

## MEASURABLE OUTCOMES

- Quantify success – cost-benefit analysis
  - Determine key indicators relevant to all audiences/stakeholders
- Utilize Community of Practice to share results internally and publically
- Promote adoption – power of multiplication
- Leverage investments (e.g., knowledge, technology)