

Collaboration and other Stuff

Tom Roff

FHWA

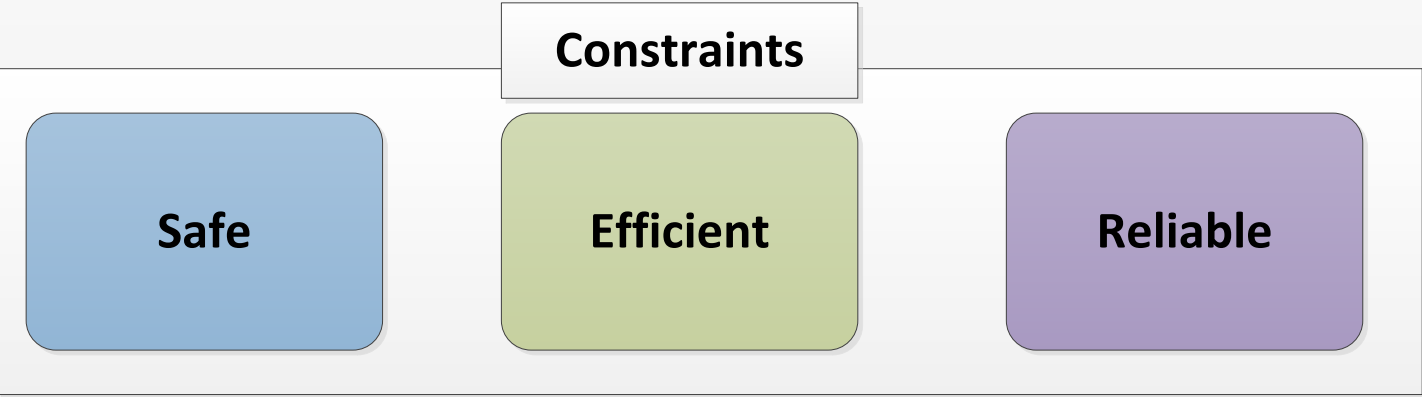
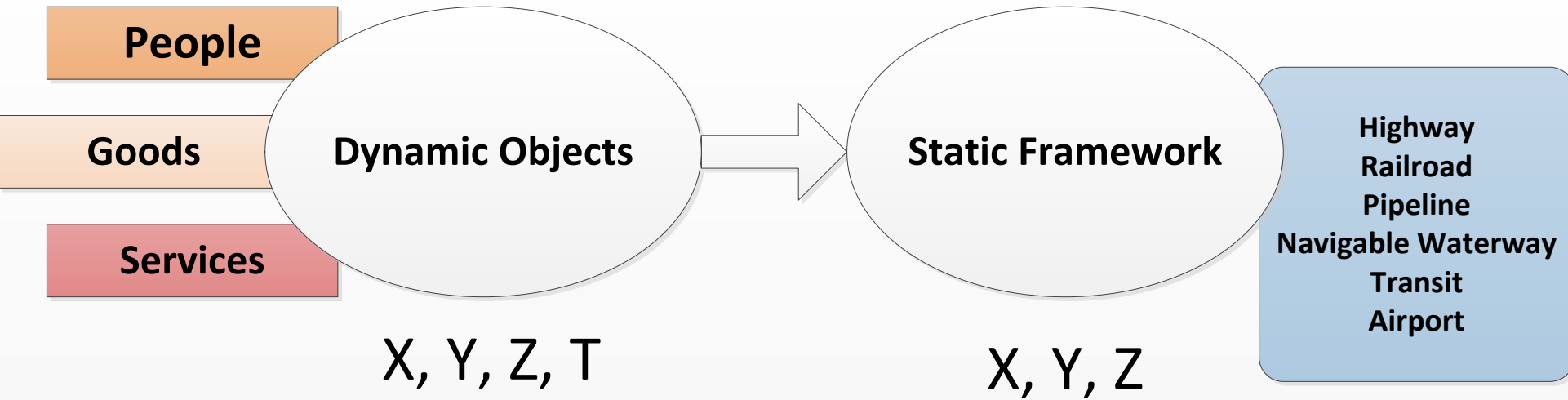
GIS-T Raleigh, North Carolina

April 5, 2016

GAO and Other Critics

- In 2012, The Government Accountability Office (GAO) report issued 7 recommendations concerning Geospatial Activities in Transportation
 - Strategic Plan for USDOT
 - Data Standards
 - Other administrative recommendations
- ASCE, IEEE, ITE have made

GeoDOT



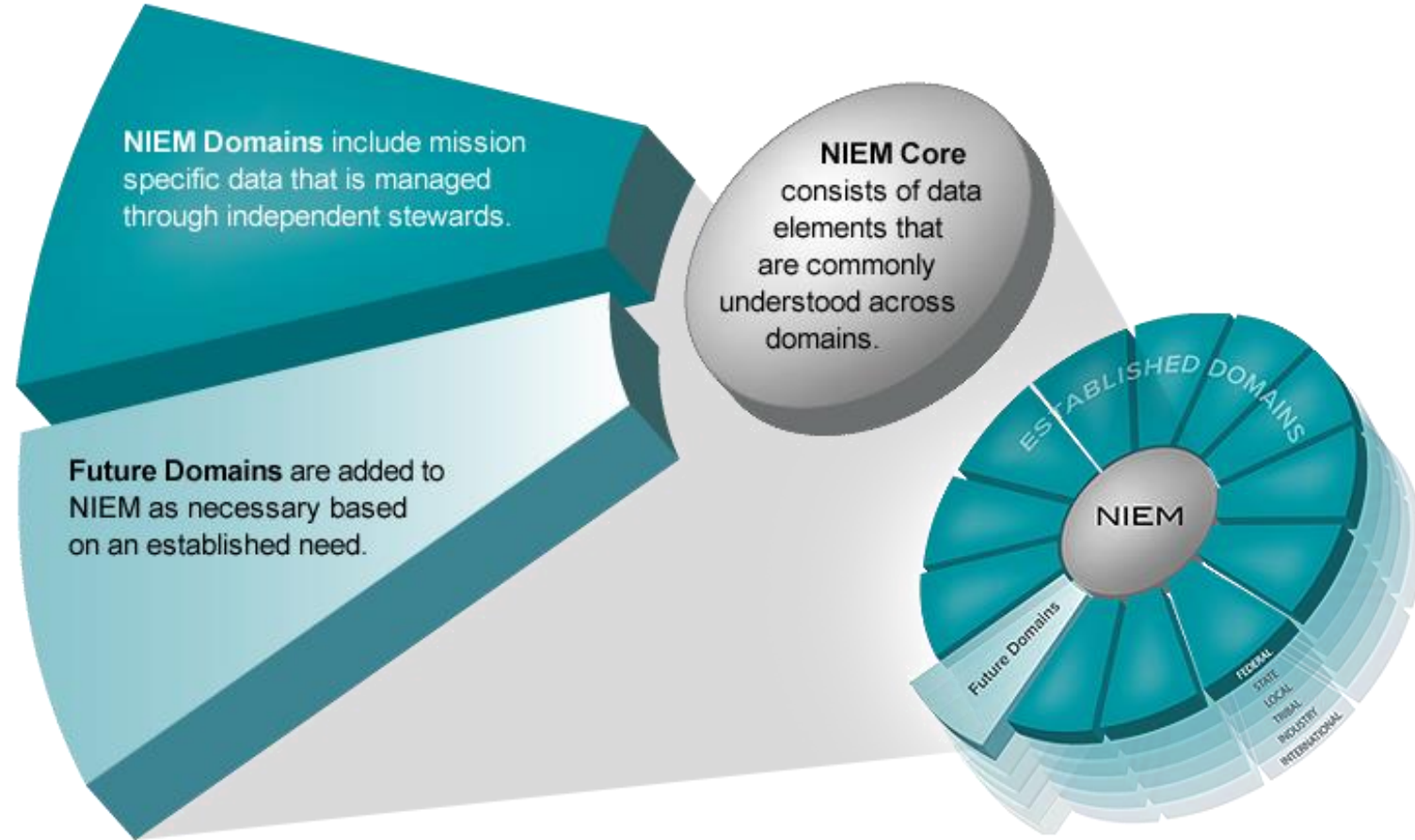
NIEM

- National Information Exchange Model
 - Started in DHS and Justice
 - Response to Hurricane Katrina
 - Identifies a structure for governments to exchange data across jurisdictions

GEO4NIEM

- Built in collaboration with the Open Geospatial Consortium
 - Standard for Simple Features
- Model is based on GML
- More importantly, it is built around a process.

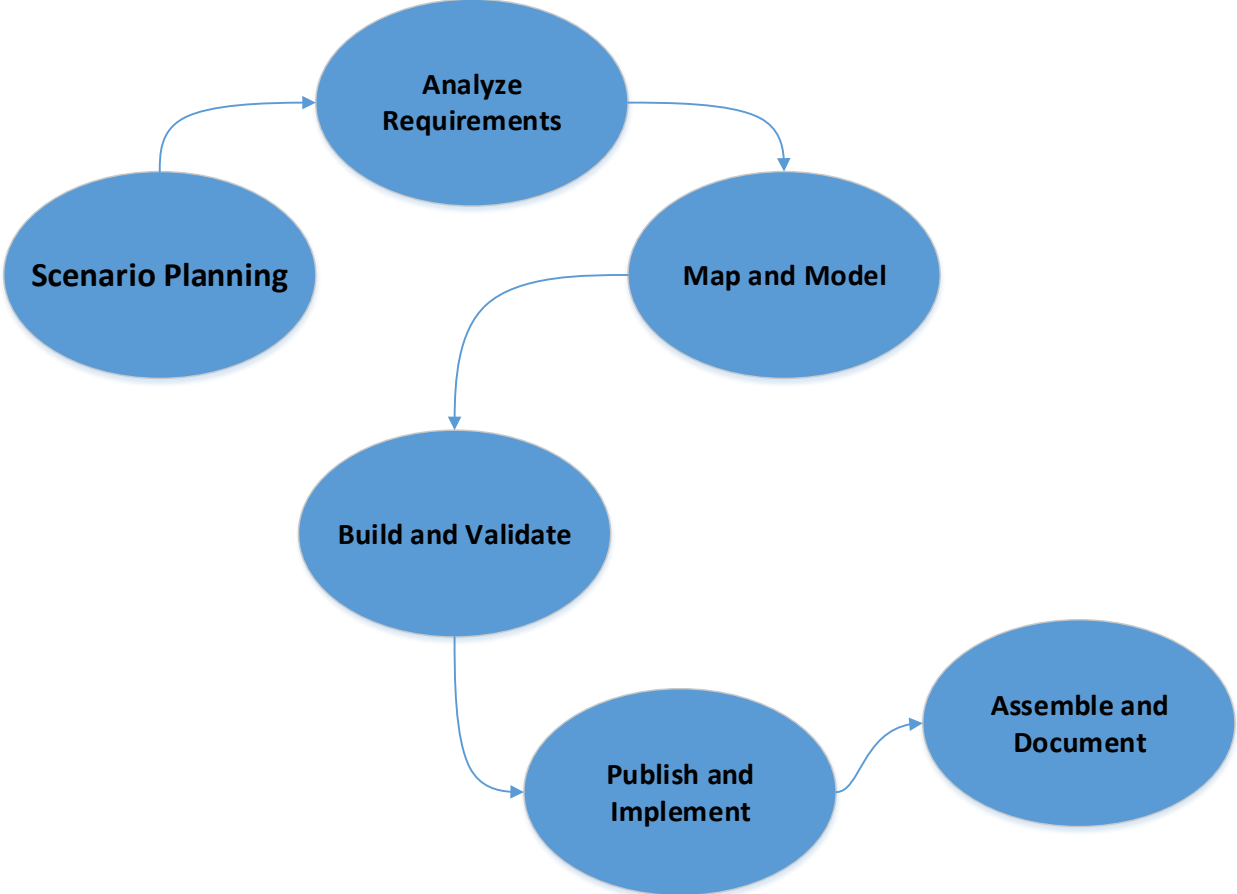
The NIEM Model



NIEM Domains

- Emerging Communities
 - Agriculture
 - Health
- Biometrics
- CBRN
- CYFS
- Emergency Management
- Human Services
- Immigration
- Infrastructure Protection
- Intelligence
- International Trade
- Justice
- Maritime
- MilOps
- Screening
- The USDOT is in process to create the Transportation Domain

The NIEM Process



Collaboration

- Scenario Planning- Community Driven
 - Start with Structures and Pipeline
- Federal Lands/Federal Aid
- FHWA/Census/USGS partnerships
- HiDaC – Some thoughts

Questions?

42