Data Driven Collaboration – Discussion
NC Geographic Information Coordinating Council
February 14, 2018

Data Drives Collaboration in the GIS Community: the Framework

➢Orthoimagery

➢Elevation

➢Roads

➢Address points

➢Parcel boundaries

➢Jurisdictional boundaries

➢Streams and water bodies

➢Geodetic control

Good Data + Collaboration = Benefits for All

- ➢ Economic development
- ➢ Emergency management
- ➢ Transportation planning
- ➢ Forest management
- ➢ Precision farming
- ➢ State and local taxation
- ➢ Recreation
- ➢ And more

Annual Report, 2017-2020 and Beyond

Council emphasis:
- ➢ Data Sharing
- ➢ Local – State connections
- ➢ Meeting business needs

Future focus:
- ➢ Next Generation 911
- ➢ Census 2020 and after
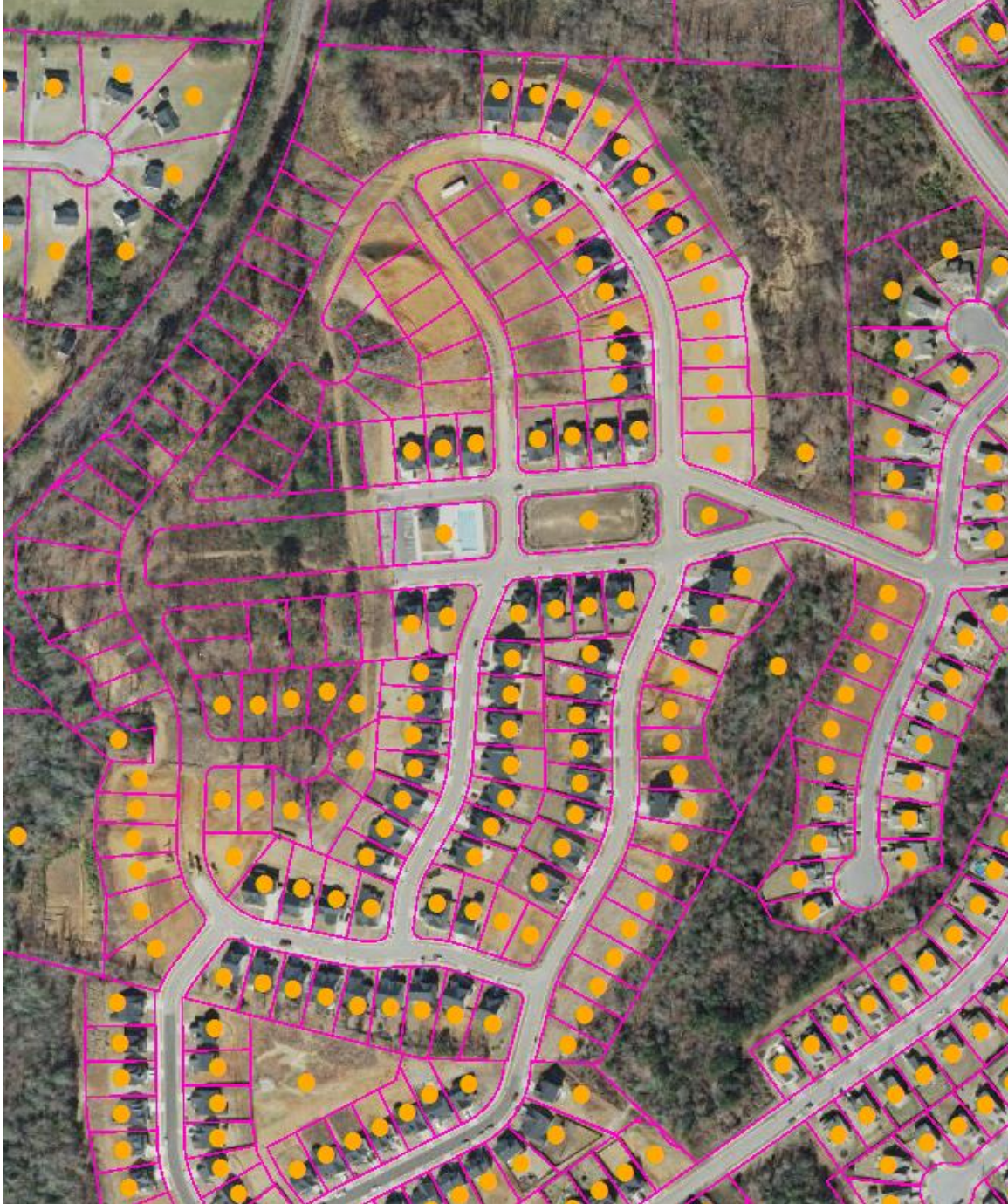- ➢ Enterprise Geospatial Data Management
- ➢ Serving the public

NextGen 911

- All addresses
- Road network
- Emergency service boundaries
- Statewide consistency

Census 2020

- Addresses – residential and non-residential
- Complete population count
- Fair representation
- Fair allocation of federal funding

Characteristics of Statewide Geospatial Data

➢ Complete, consistent, current, documented

➢ Statewide scope

➢ Easy discovery and access

➢ Authoritative, trusted, curated

➢ Meet many business needs

Council Direction 2017-2018 and Beyond

Question 1: How can we collaborate to improve or expand statewide **geospatial data**?

Council discussion on November 8, 2017 covered this first question. Summary points for Question 1:

Council Discussion Q1: Challenges

- Addressing at the local level
- Aggregation of addresses, parcels, and roads statewide
- Translation of local data to a standard for content
- Documentation – metadata
- Comprehensive discovery of enterprise geospatial data including state and locally managed data
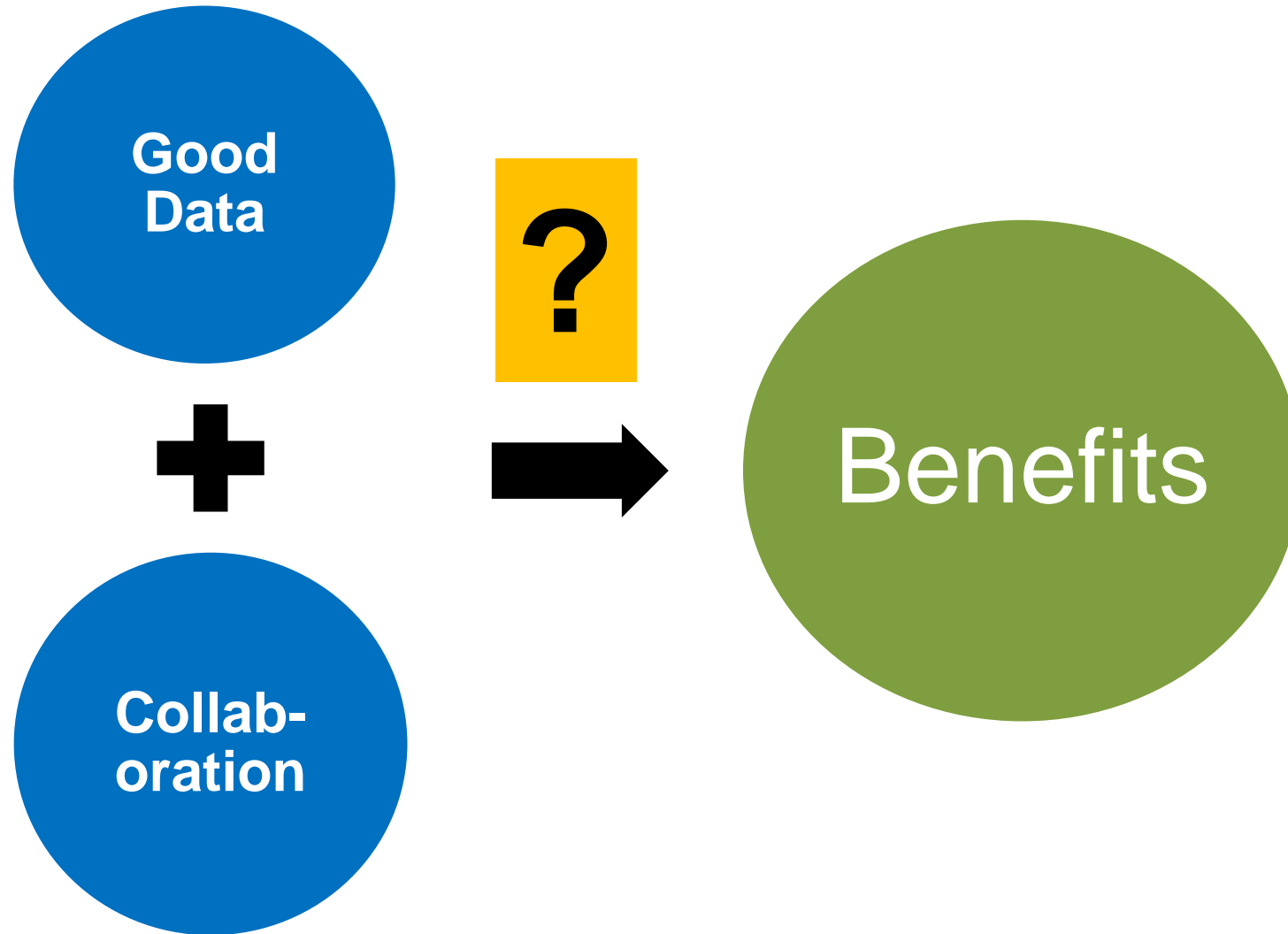
Council Discussion Q1: Constraints

- Local government data security policies – infrastructure
- Local data distribution policies vary
- Local adoption of data content standards difficult to achieve statewide; data management and business needs vary - risk of breaking local applications

Council Discussion Q1: Opportunities

- Expand the role of geospatial data in enterprise data management – collect location data with tabular data
- Make data sharing local-state more efficient
- Municipalities can communicate and share knowledge about "Smart Cities" solutions
- Keep up with changes in technology for data management and sharing

Focus On Data – Going Beyond

Good Data + **Collab-oration** ? → **Benefits**

2. How can the Council support **applications** of geospatial data to meet business needs and the challenges ahead?

(e.g., discovery/access, address validation, analytics)

3. What are ways to collaborate for more integration of geospatial data in **information technology** for expanded benefits? (e.g., asset management; standards)

Council Direction 2017-2018 and Beyond

4. How can the Council benefit **your part** of the GIS community in NC?

Council Direction 2017-2018 and Beyond

5. How can the Council do more to increase the value of geospatial data to the **public**?

Contacts

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