

Community Commons

A Unifying Public Good Utility for Healthy, Sustainable and Livable Communities

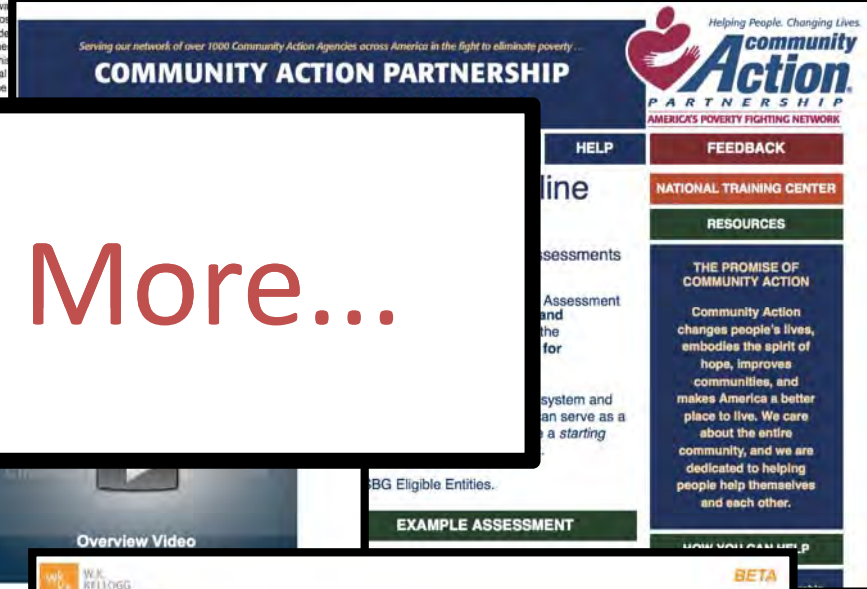
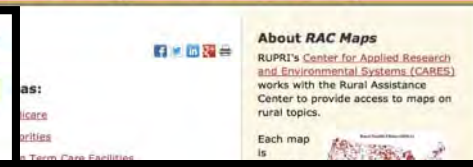
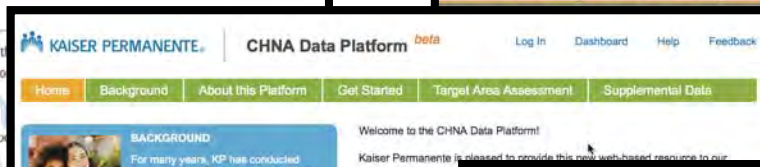
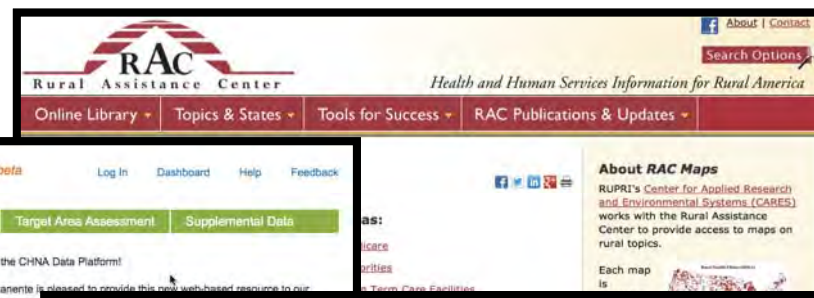
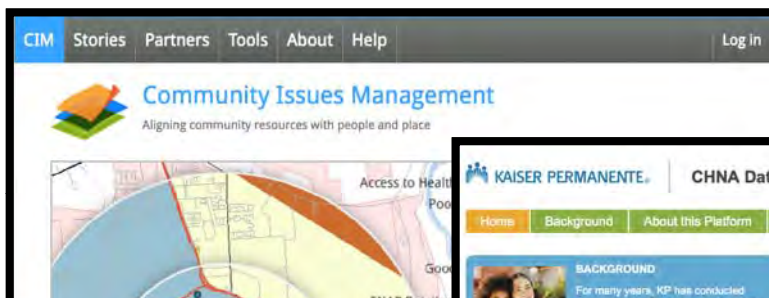
Christopher Fulcher, Co-Director

Center for Applied Research and environmental Systems (CARES)

University of Missouri

May 2013

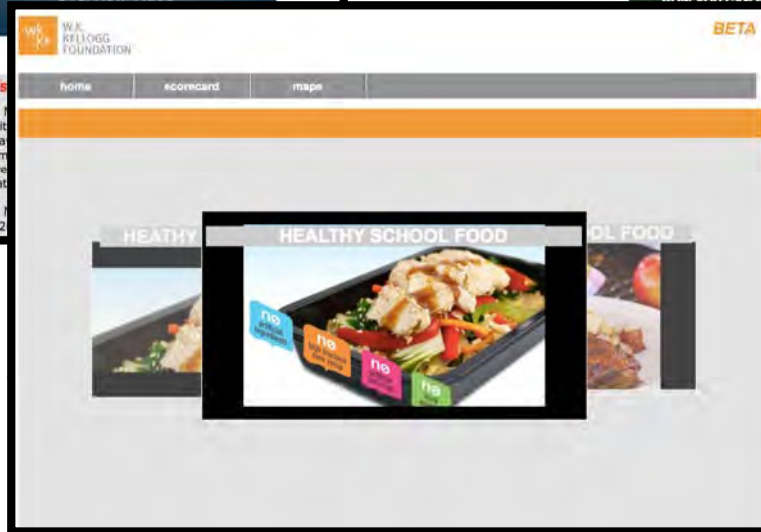
**Over the years we've developed
and implemented many
Web-based Systems
for organizations...**



And Many More...



- Internet-based GIS that enables grantees to:
 - visualize community, regional, and national-level data
 - integrate new spatial data and overlay these data to conduct location-specific analyses; and



A National Web-based GIS

Environment

Education

Food

Housing

Poverty

Economic /Income

Transportation

Demographic

Health

Civic

Political

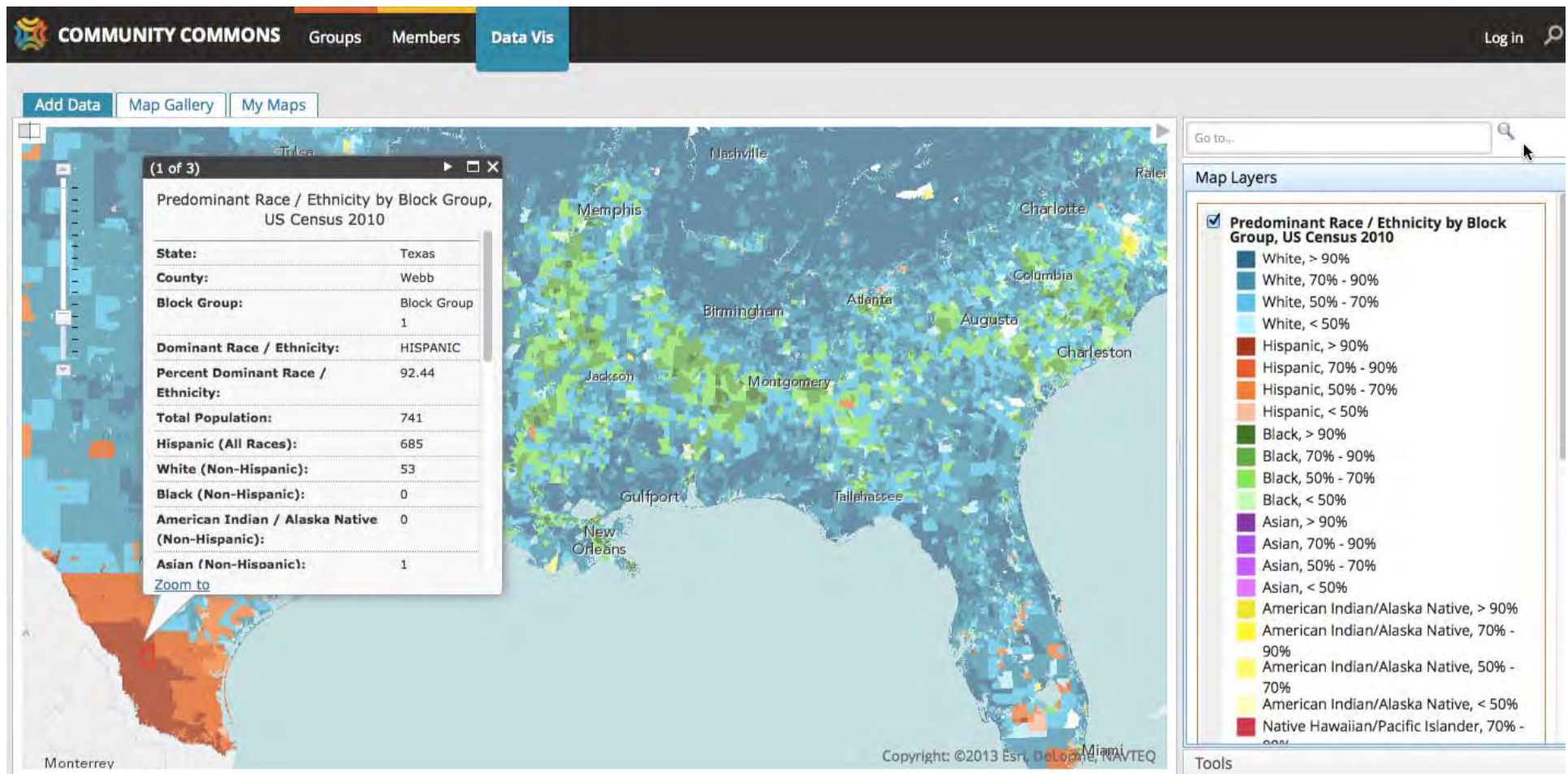
Emergency Management

Thousands of GIS data
For all communities in the US

National GIS Data Engine

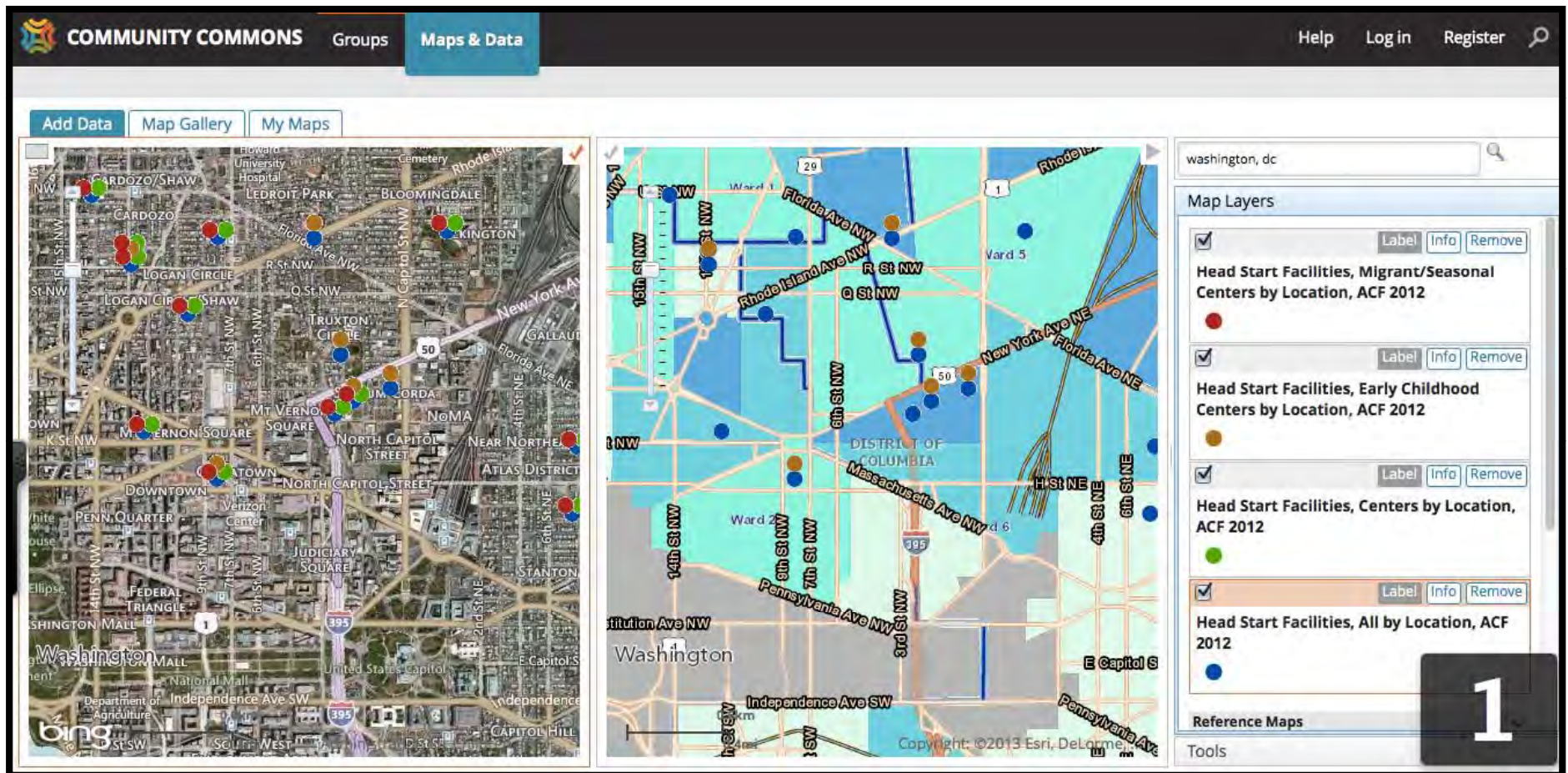
State, County, District, Tract,
Block Group, Block,
Point level Data

For example: Predominant Race/Ethnicity by Block Group Census 2010

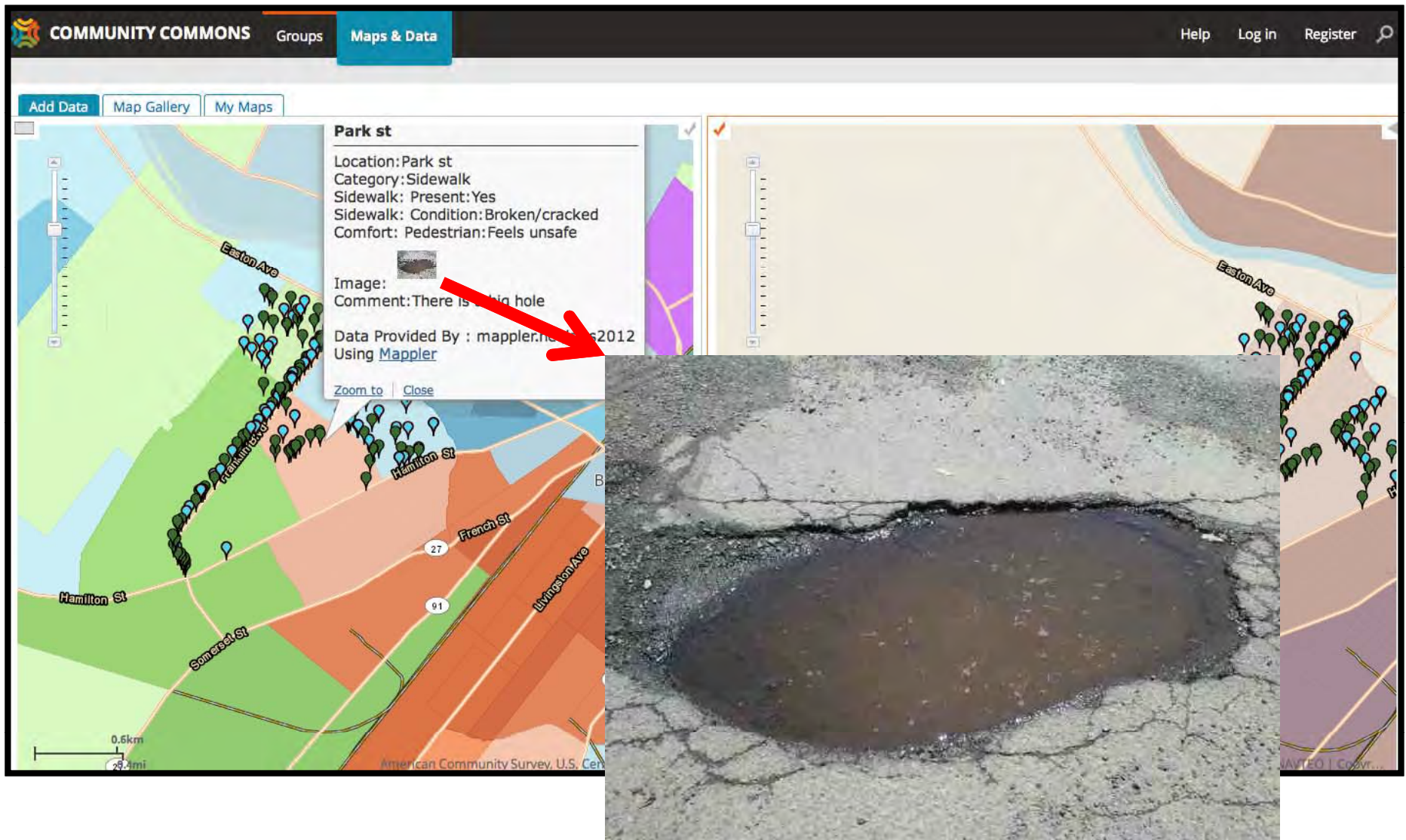


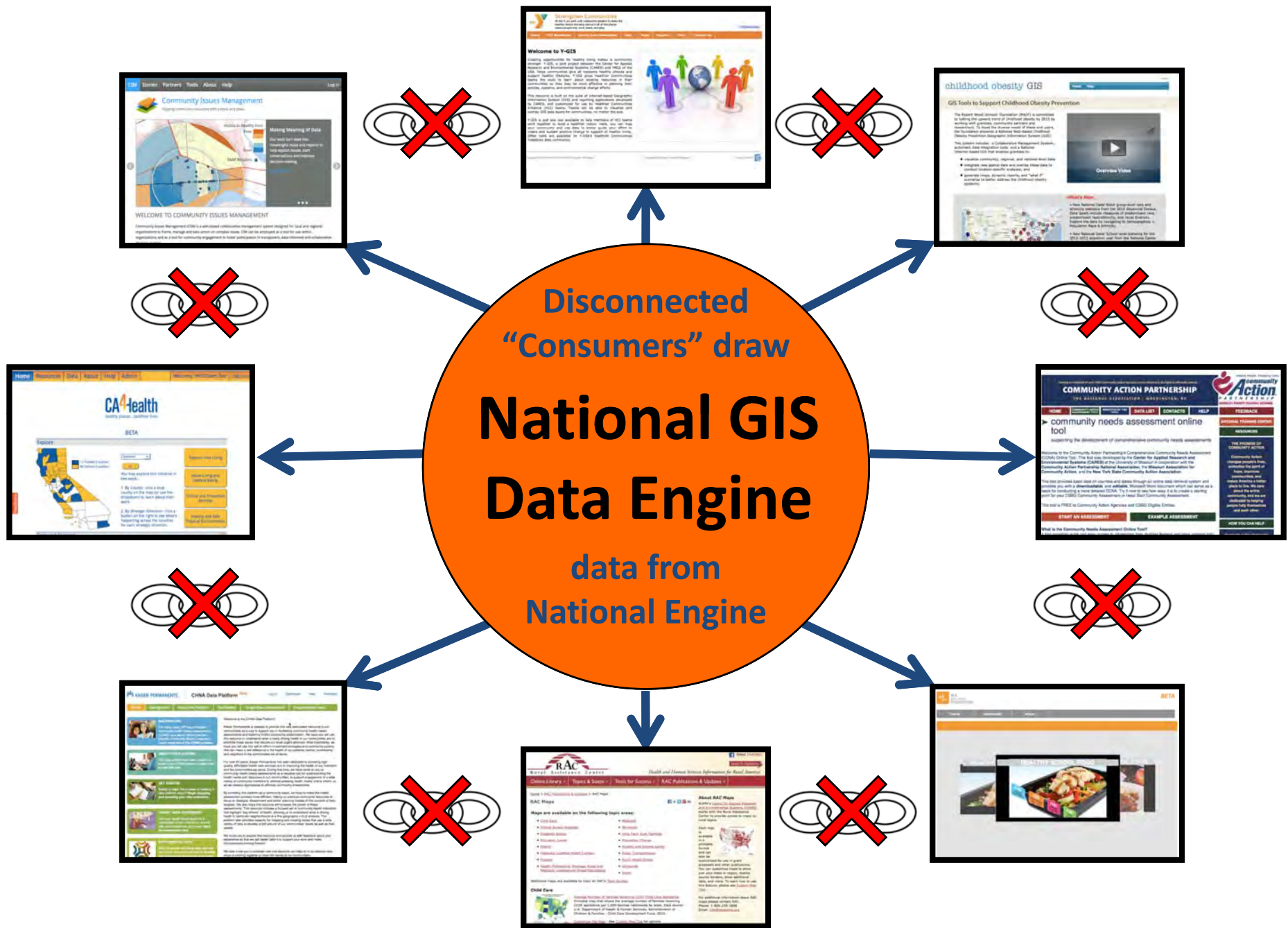
We Continually Add and Update Data

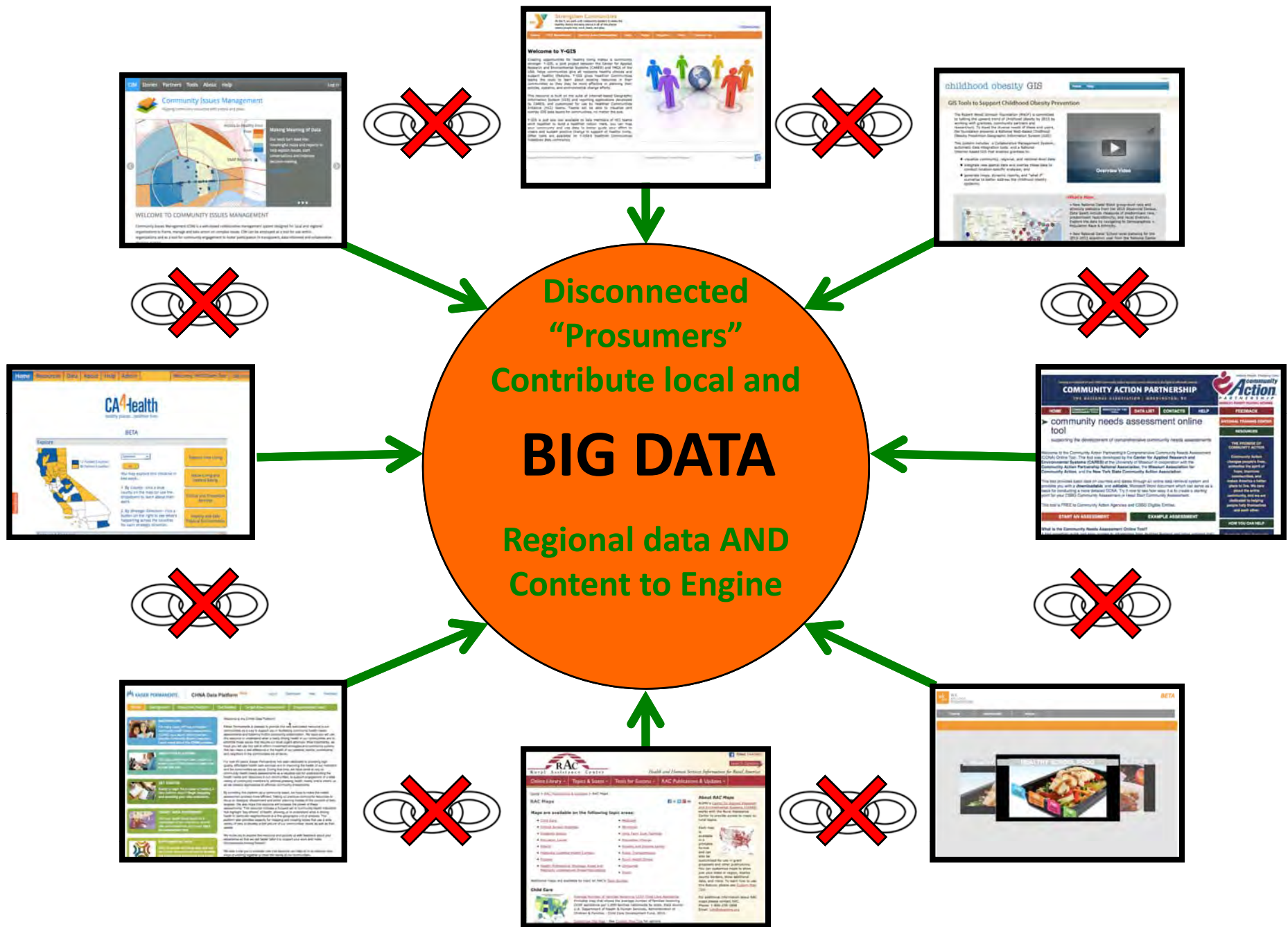
For example: Head Start Childcare Centers was added April 2013

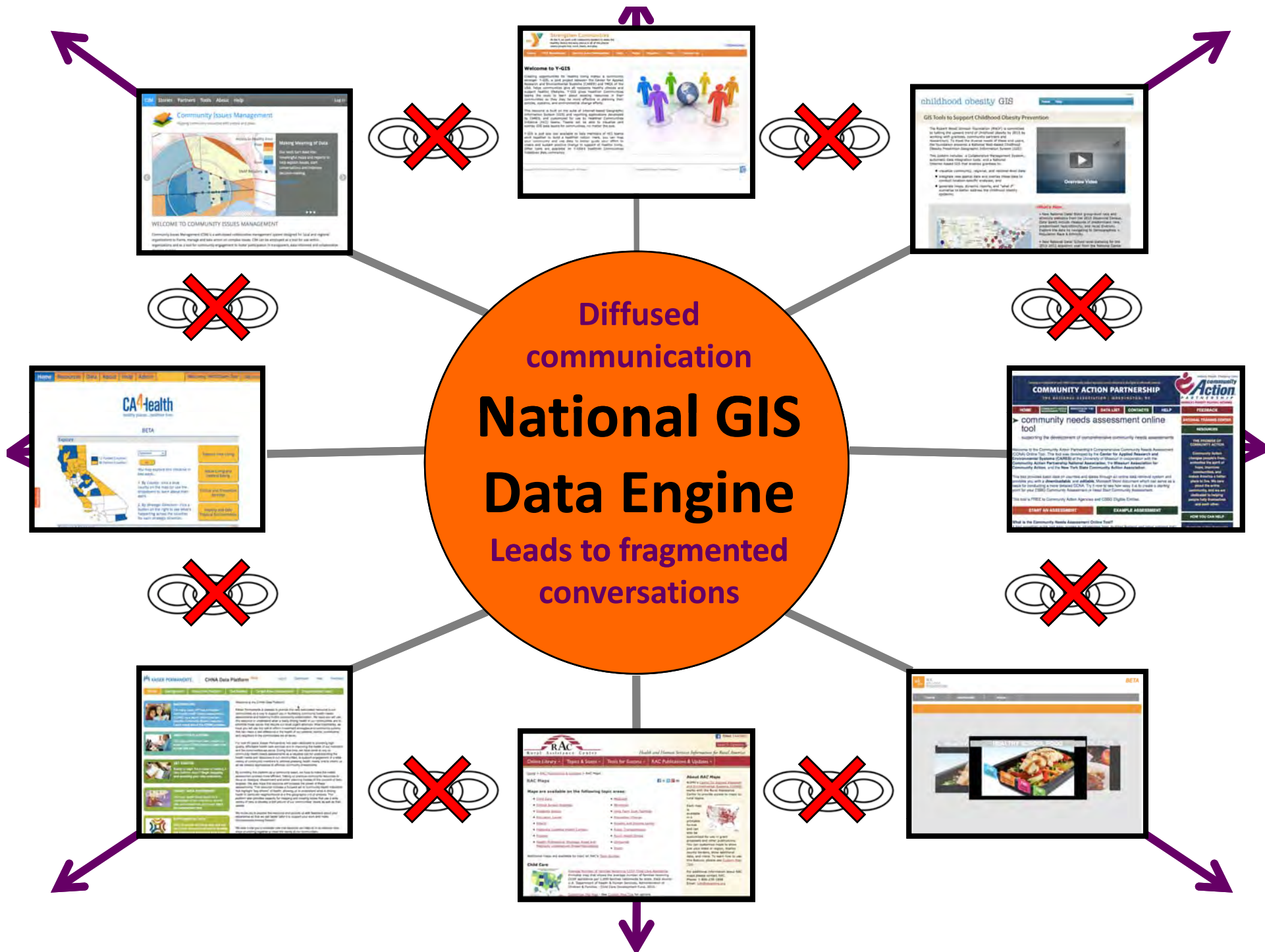


Mobile Phone Application (Mappler) Highlighting “Prosumer” Data Acquisition

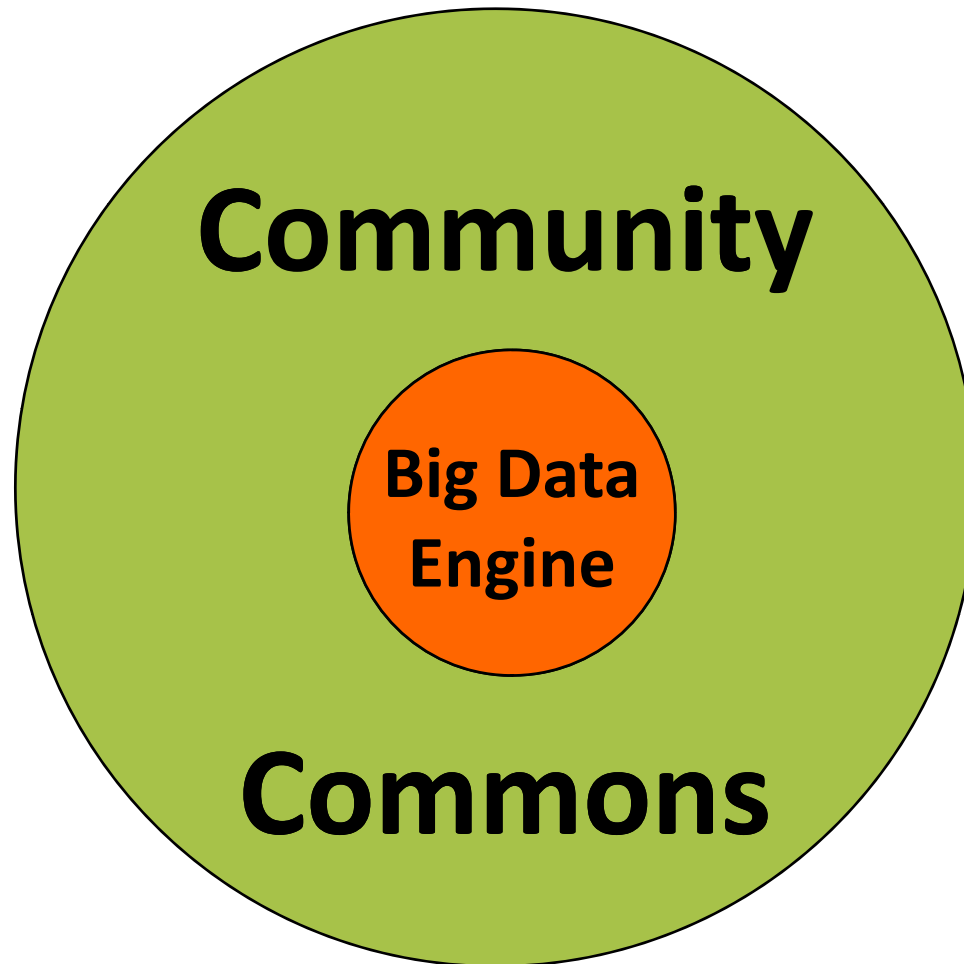




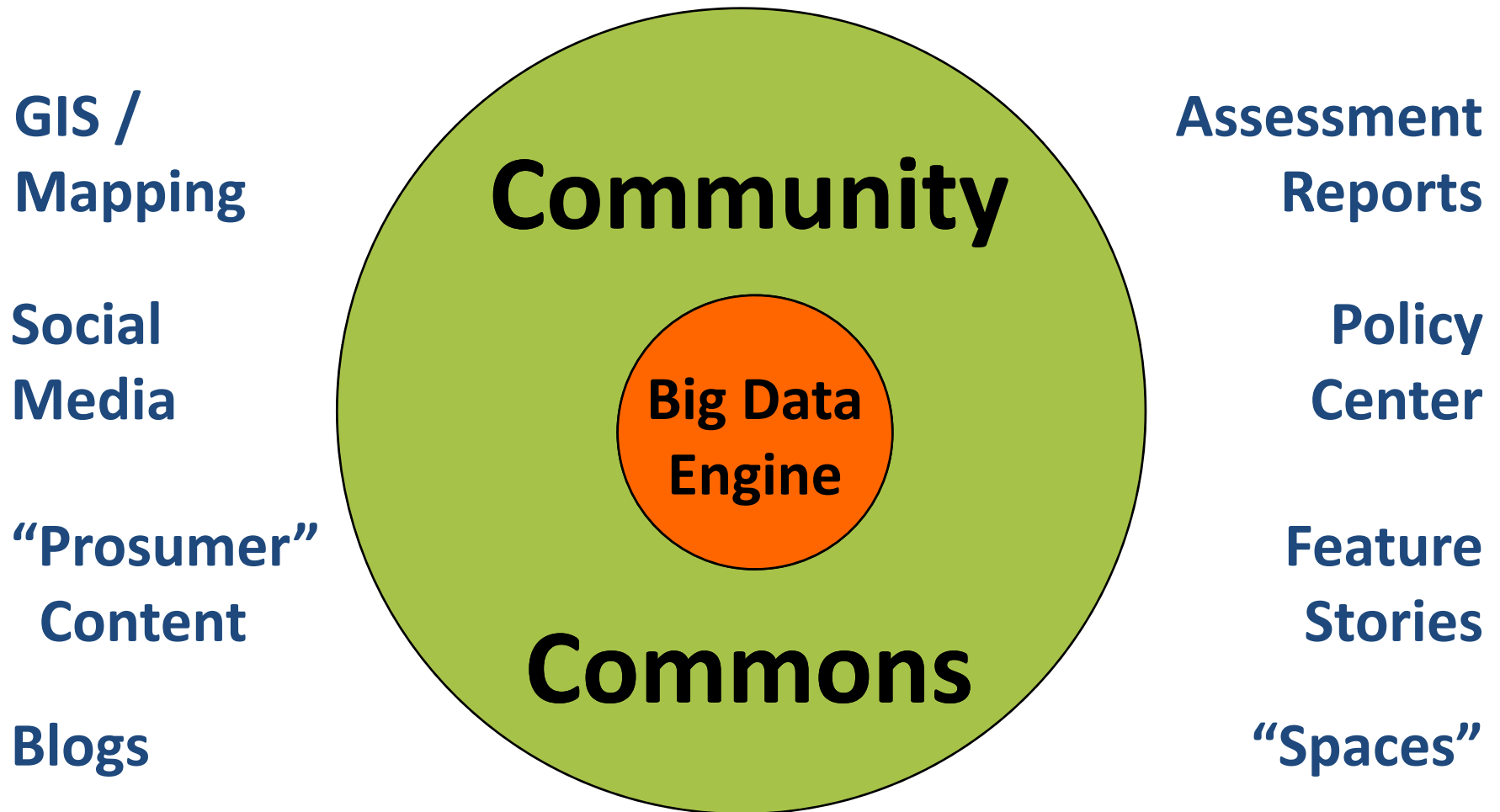




Connecting the Dots with a Public Good Utility



Connecting the Dots with a Public Good Utility



Free access to tools and functionality

Community Commons

Community Commons is an interactive mapping, networking, and learning utility for leaders from community to national levels, working to create healthy, equitable, and sustainable communities.

Community Health Needs Assessment (CHNA)

3. Free and Reduced Price School Lunch Eligibility

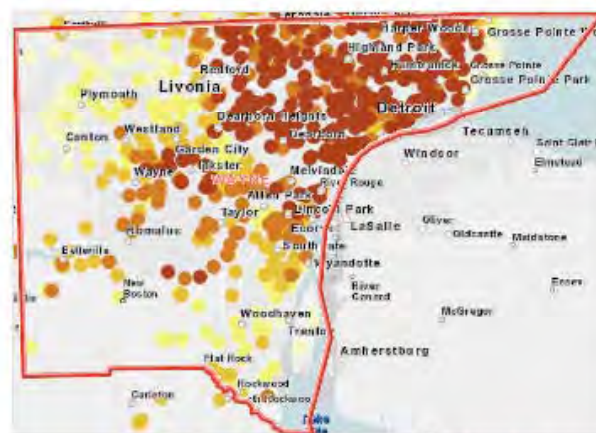
This indicator reports the percentage of public school students eligible for free or reduced price lunches. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Student Enrollment	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Wayne County, Michigan	318,887	189,405	59.40%
Wayne County	318,887	189,405	59.39%
Michigan	1,617,262	742,273	45.89%
United States	47,670,928	22,425,121	47.04%

Percent Free/Reduced Price Lunch Eligible



Data Source: U.S. Department of Education, National Center for Education Statistics (NCES), Common Core of Data, Public School Universe File, 2009-2010. Source geography: Address.

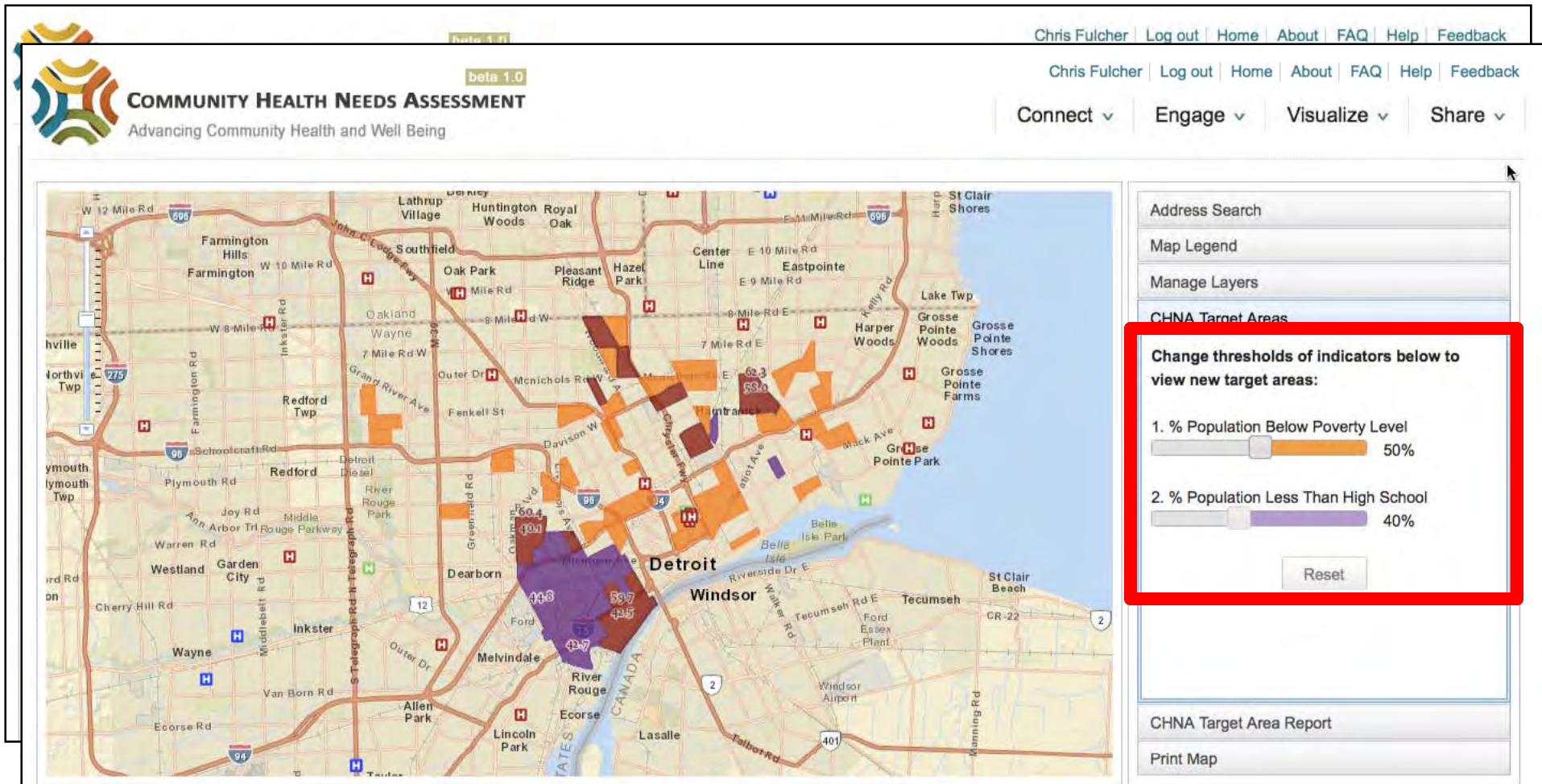


Percentage of Students Eligible for Free or Reduced Price Lunch Program, by School, NCES 2009 - 2010

- Over 80.0%
- 60.1 - 80.0%
- 40.1 - 60.0%
- 20.1 - 40.0%
- Under 20.1%
- Not Reported

[View full map](#)

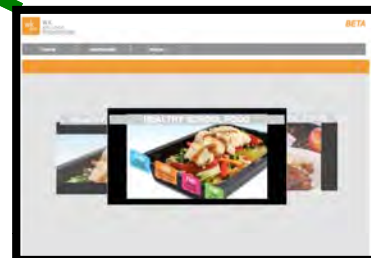
CHNA.org: Target Area Assessment

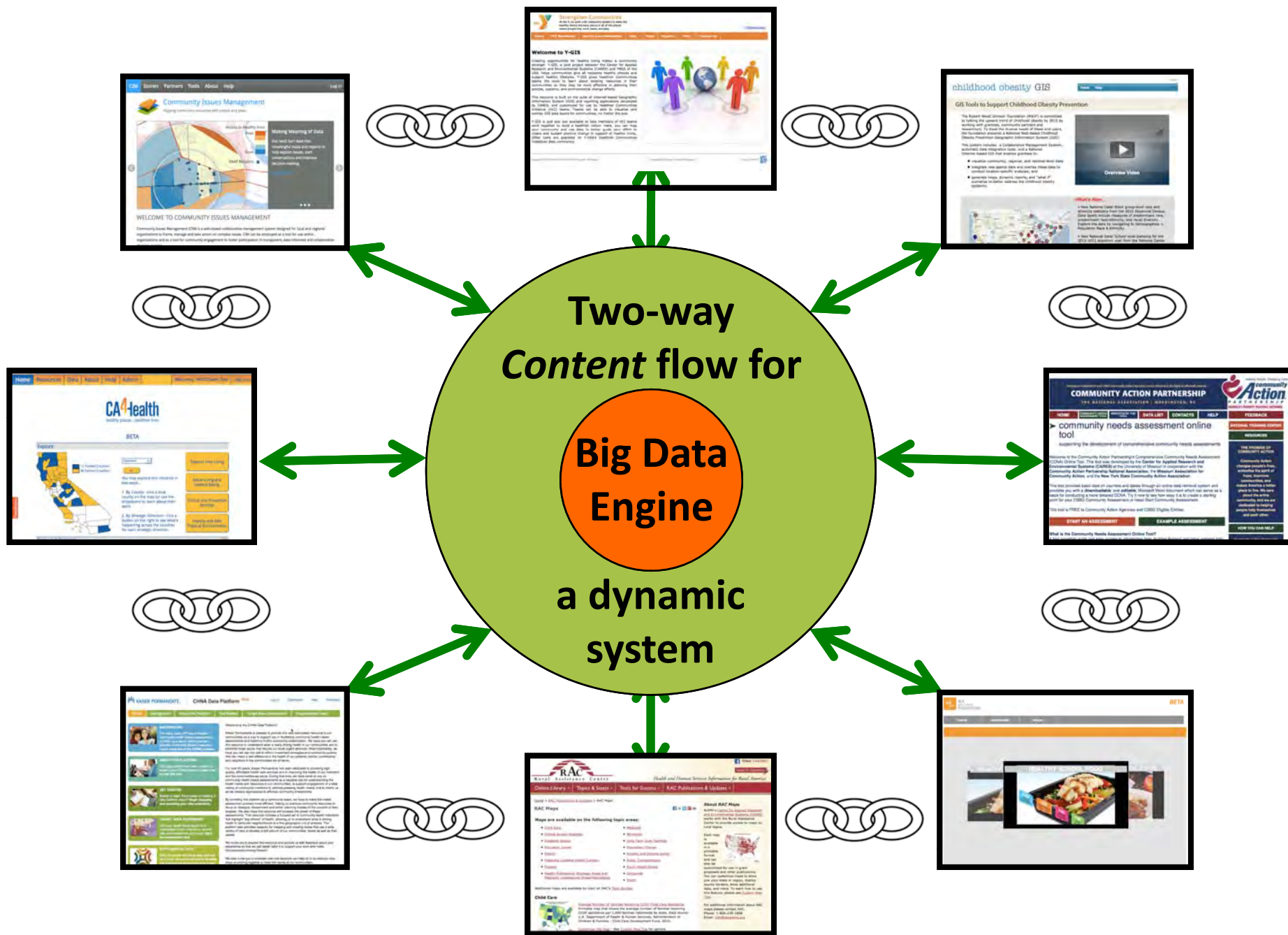


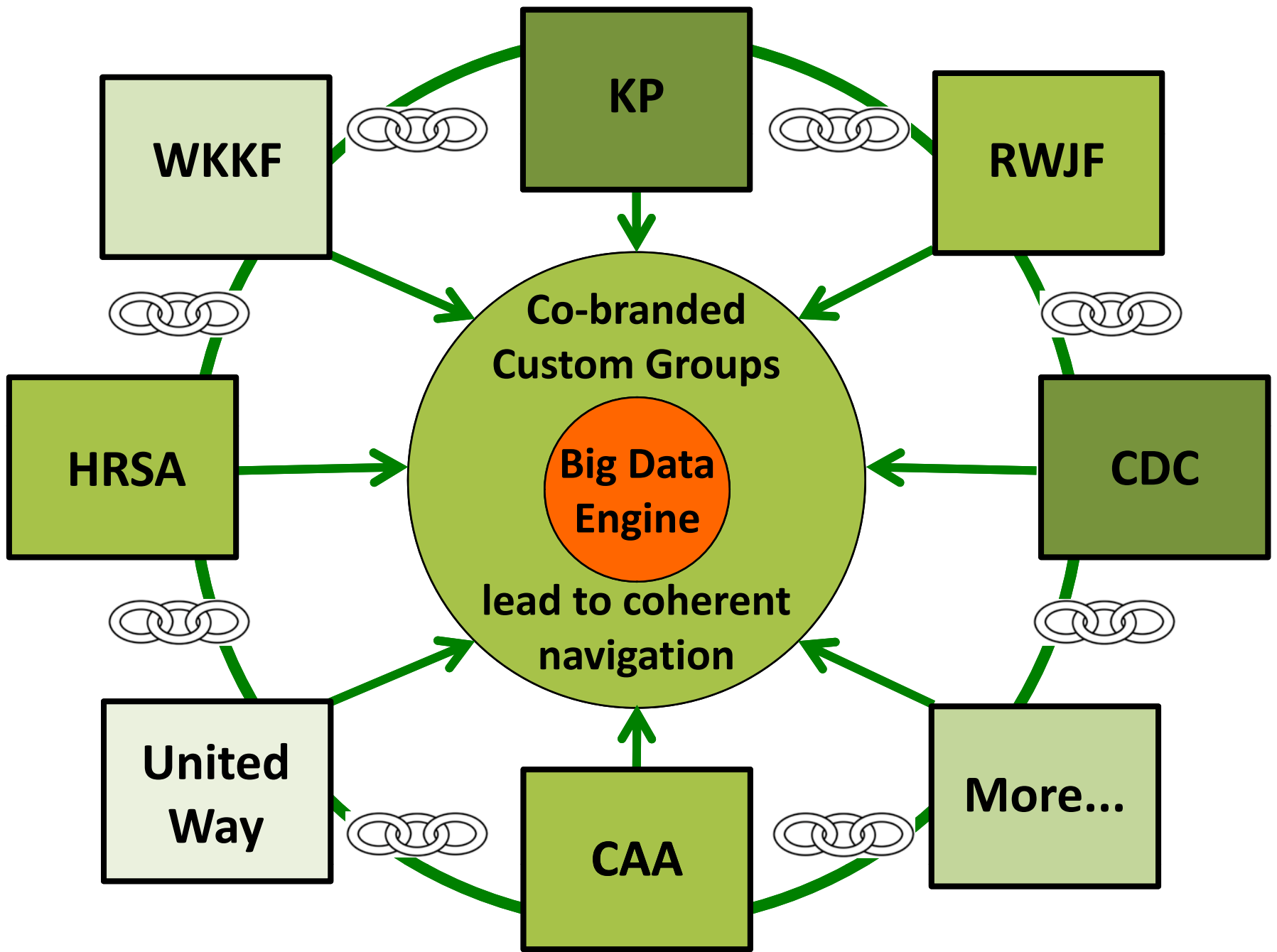
Connected
Systems lead to

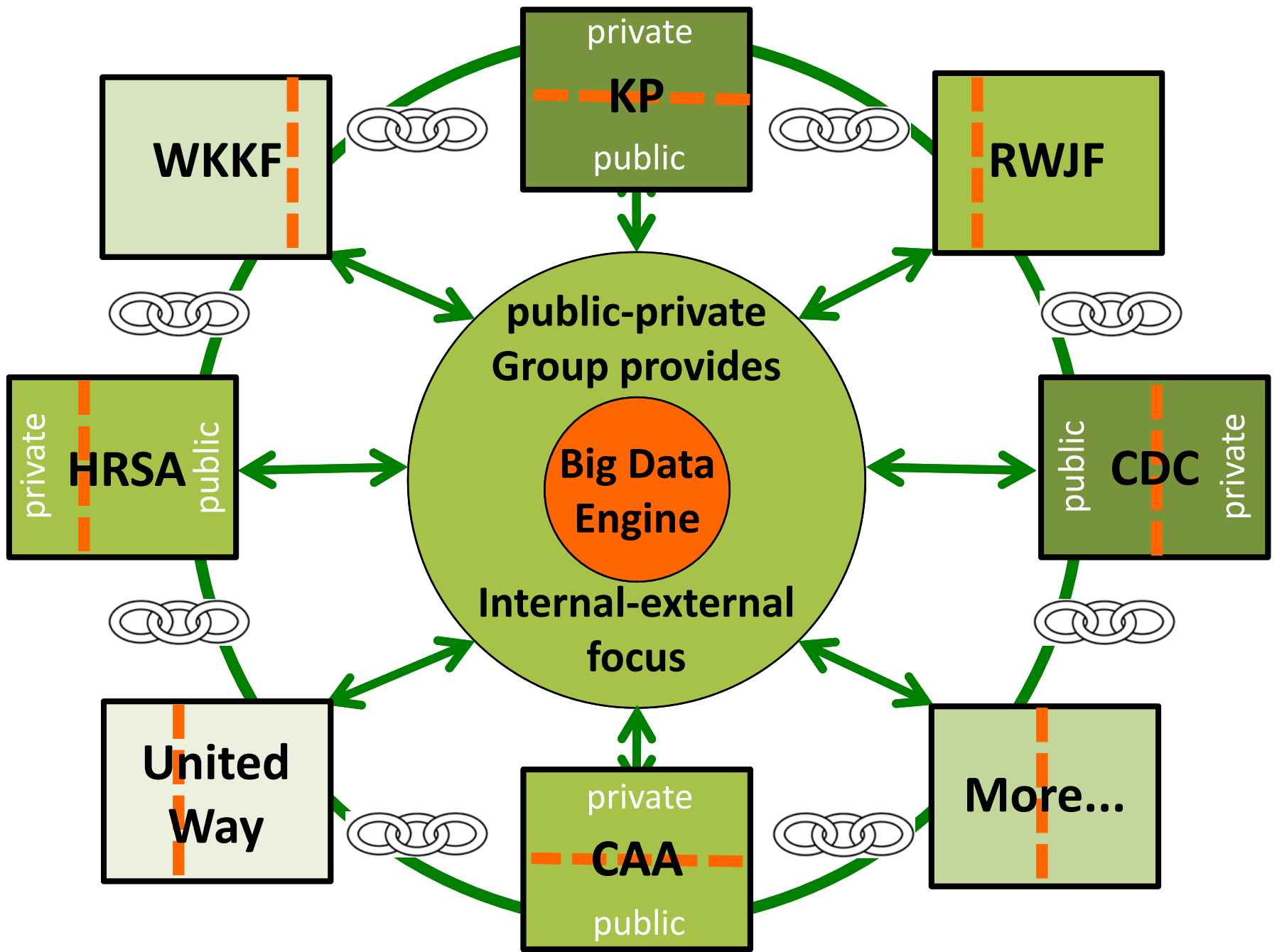
Big Data
Engine

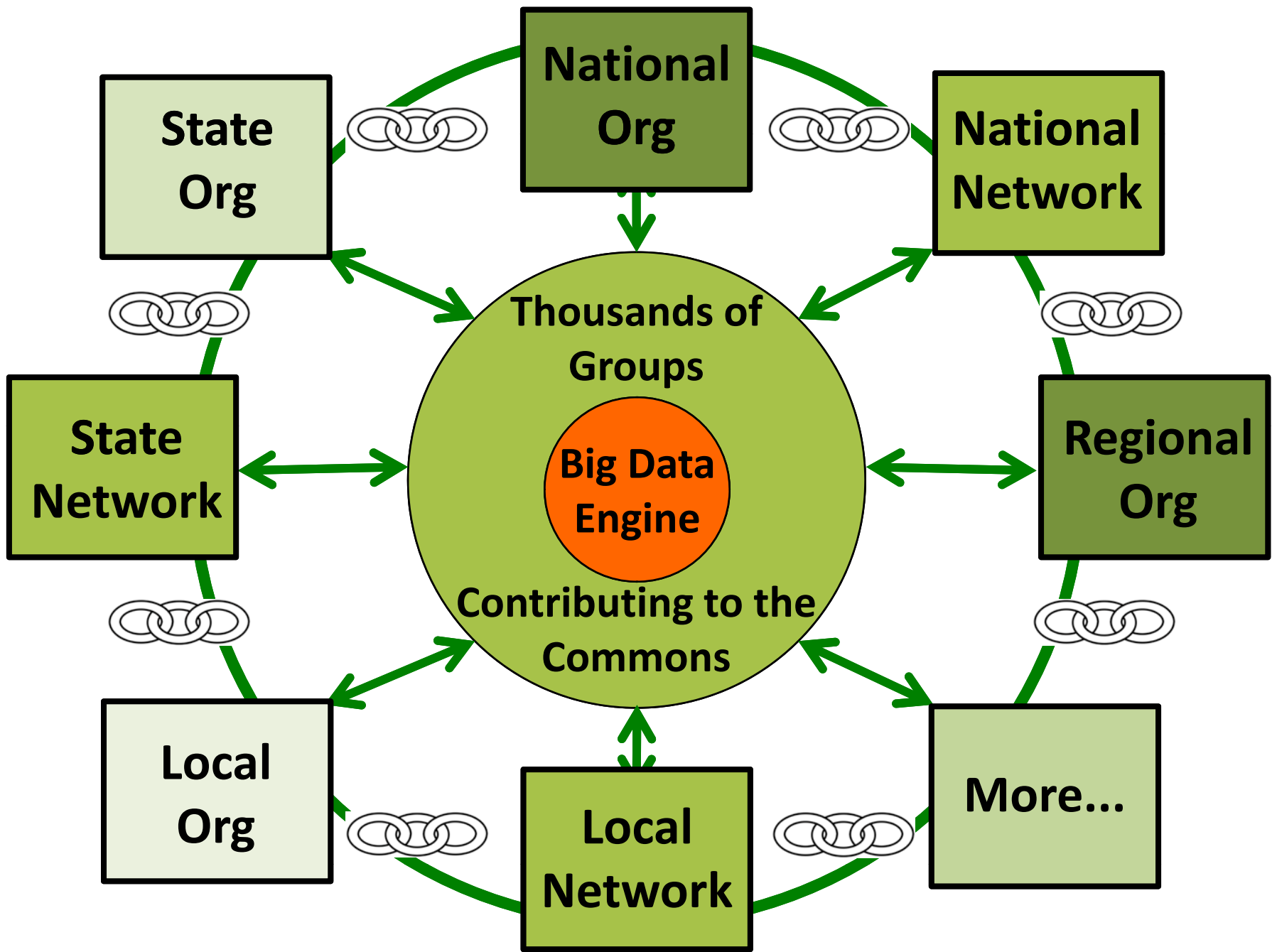
Coherent
conversations













Why Unify?

Coherent navigation

Accelerated Learning

Growing audience base

Prosumer-driven (Big Data)

System infrastructure stability

Lower costs by leveraging resources

“Simplify – Unify”