Center for Applied Research and Environmental Systems (CARES)

Facilitating New Ways to Strengthen Decision Making

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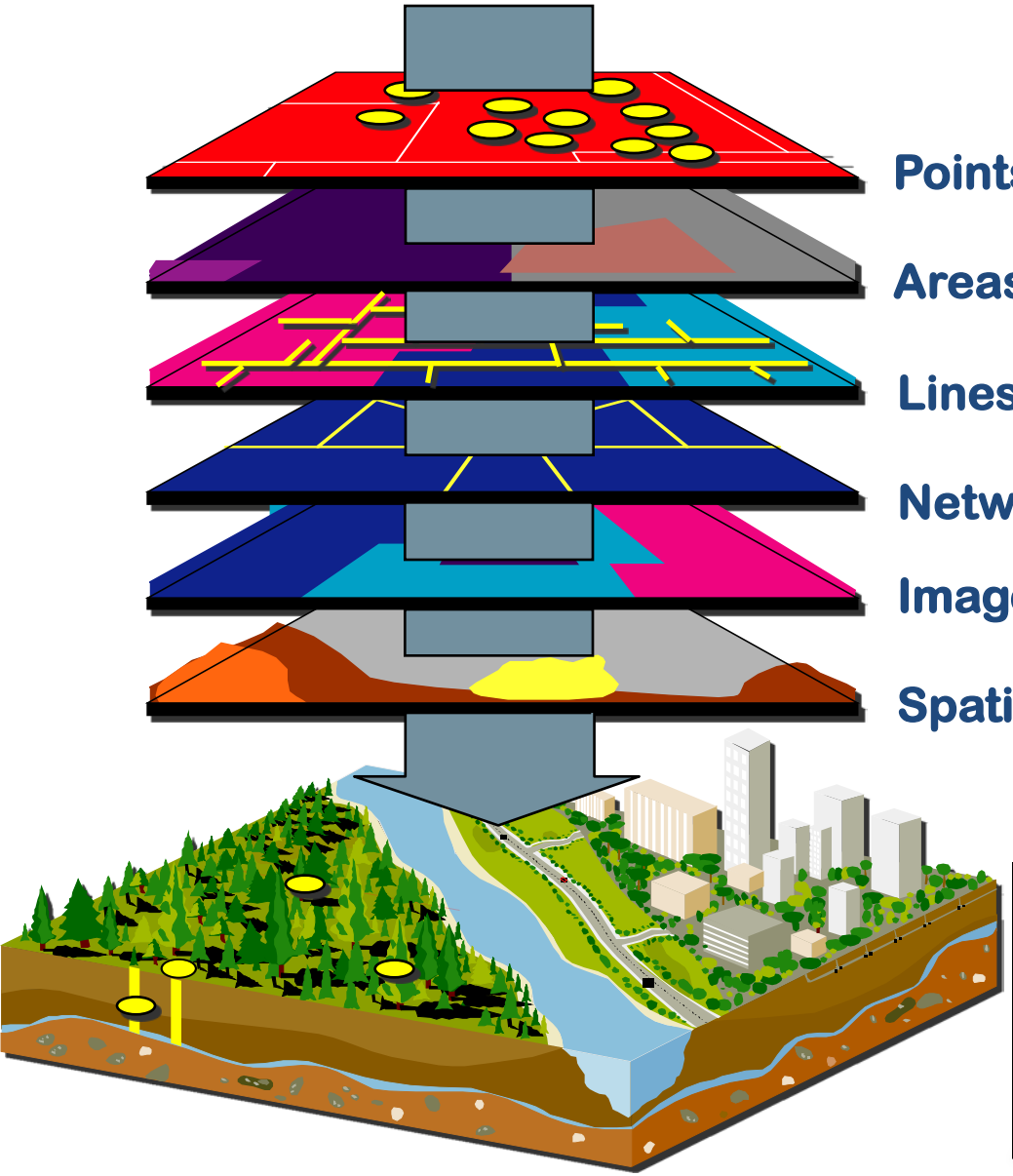
Interactive Mapping



Points – hospitals, social services

Areas– neighborhoods, cities, counties

Lines – Roads, paths, trails

Networks – Public transportation

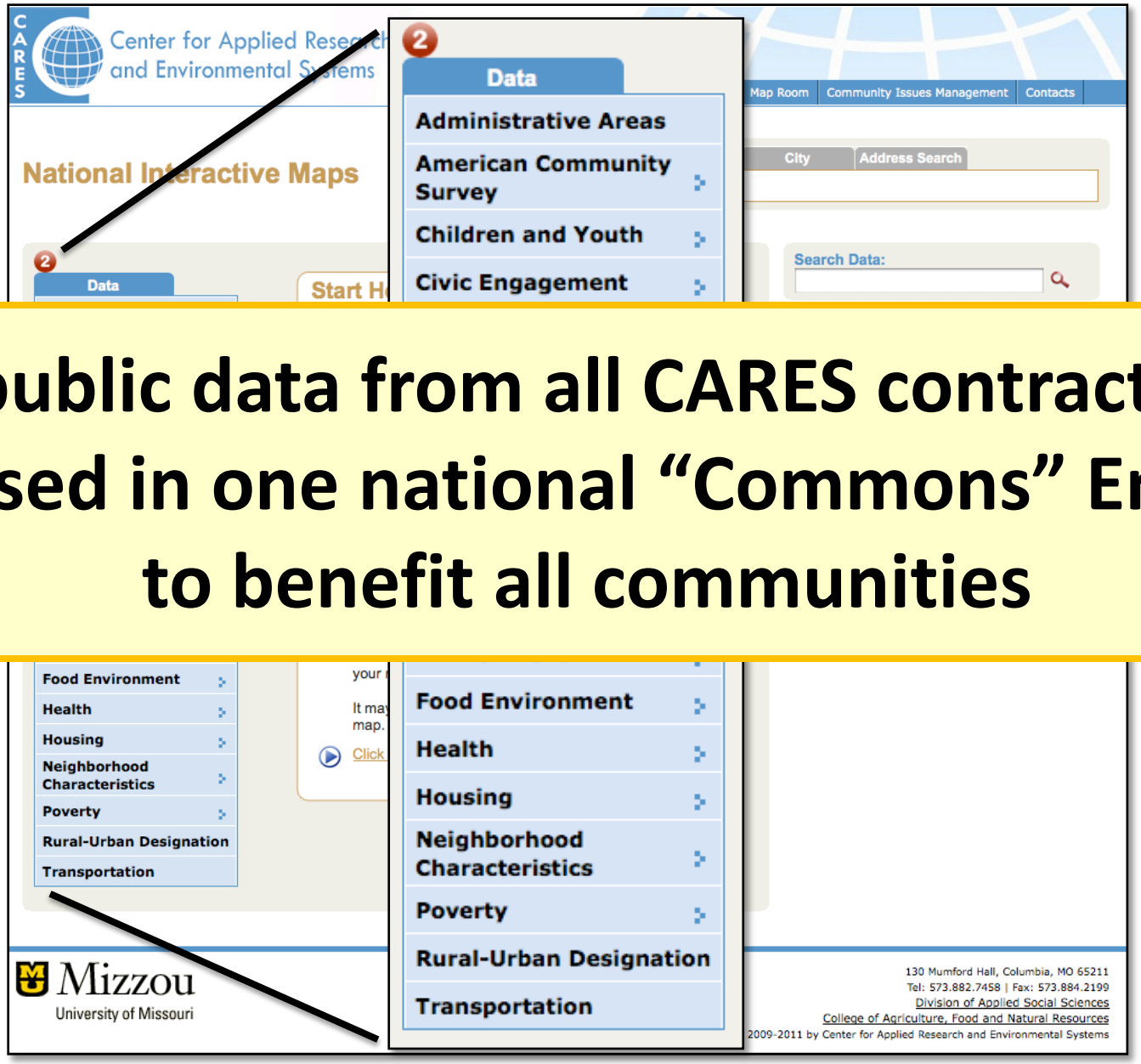
Imagery – Satellite, Aerial images

Spatial Analysis – Proximity, buffer

Mapping is a representation of the real world…

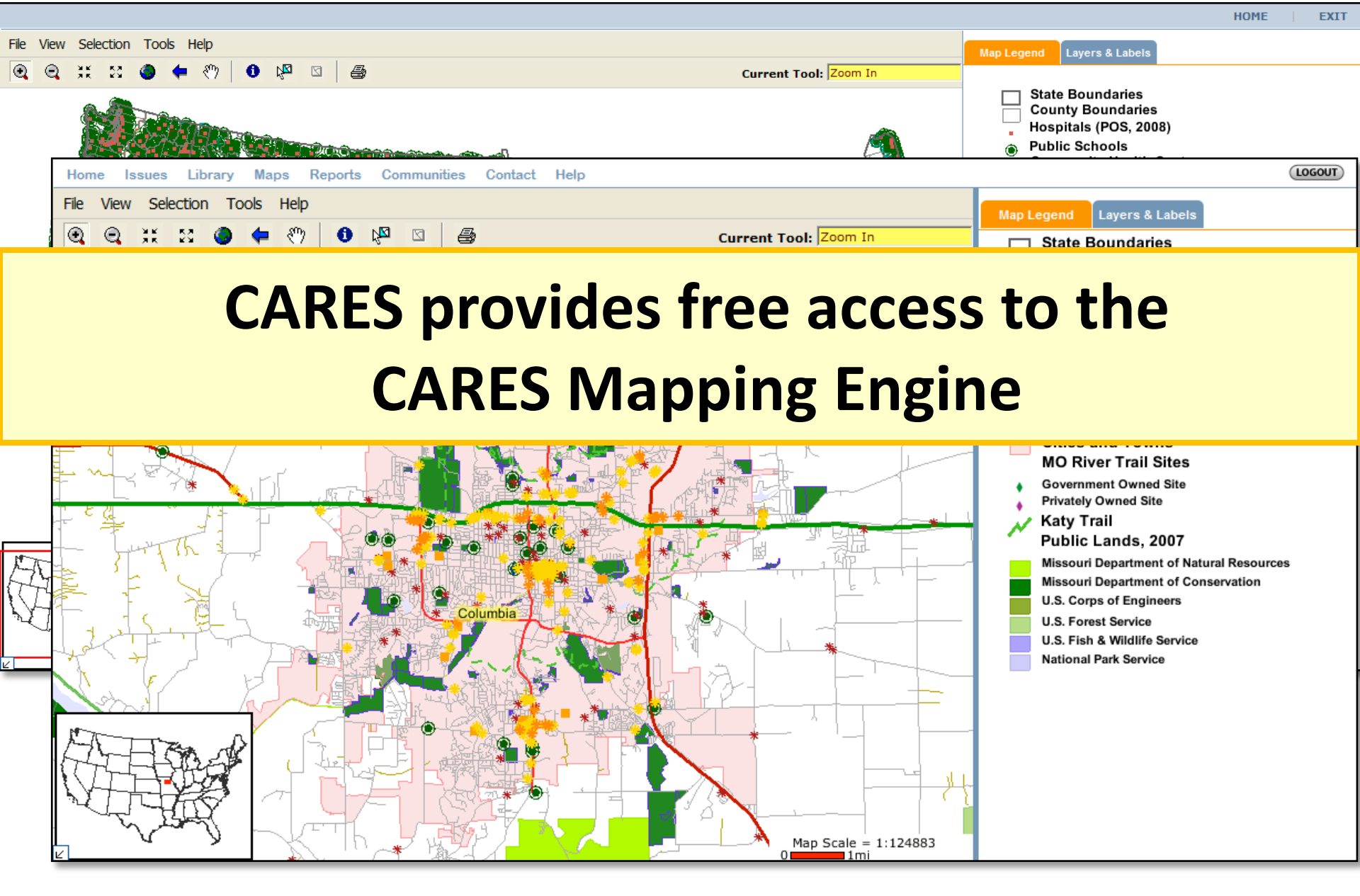
We may tell a better story by overlaying more data…

CARES Core Mapping Engine



All public data from all CARES contracts are housed in one national "Commons" Engine to benefit all communities

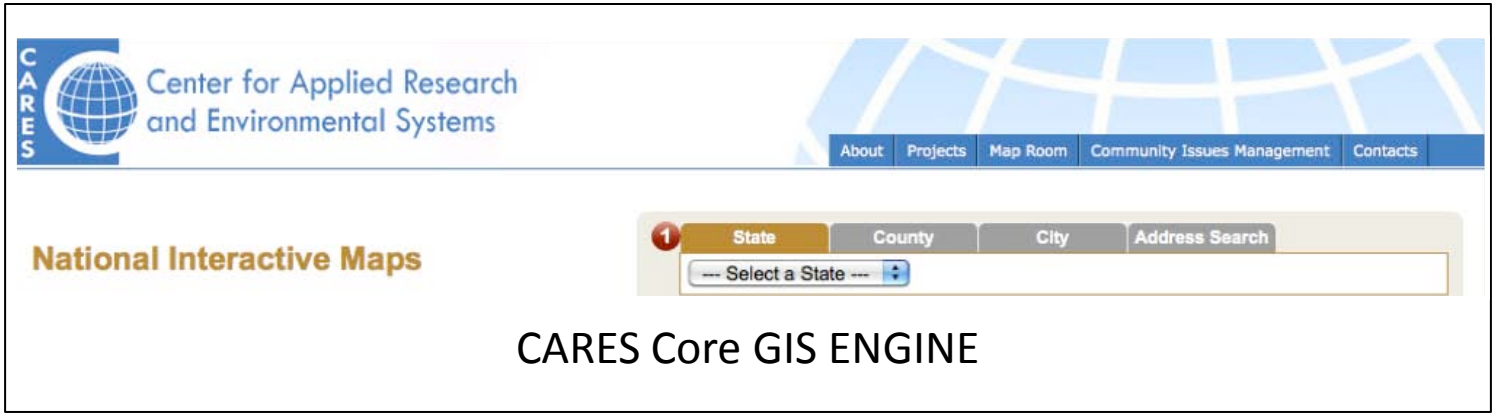
Multiple Levels of Geography…



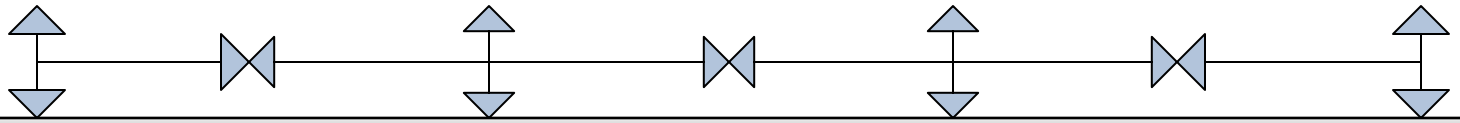
CARES provides free access to the CARES Mapping Engine

Collaborative Management Systems (CMS)

National Collaborative Management Systems Are Built on the Public Good Engine



CARES Core GIS ENGINE



Community Issues Management

Diverse Network
Flexible to adapt to different Organizations

YUSA GIS

Network specific
Integrated into SharePoint

RWJF Childhood Obesity GIS

Focus on Obesity Work
RWJF NPO/Grantee frame
Designed w/ NPO & Grantee Input

Public Health Data Solutions

Collaborative Management Systems

Components
Collaborative Management System

- Data Visualization: To generate highly intuitive interactive maps and custom reports (*dashboards and animations coming soon…*)
- Data Integration: To rapidly integrate local and regional data
- Content Management System: To organize maps, reports, documents, maps, images, videos, etc.
- Collaborative Role Based Access Control: To provide flexibility in assigning access roles to users and security levels for data, maps, reports or other content that is uploaded or hyperlinked to the CMS
- Peer Learning: To provide robust search tools to learn what others are doing within and peer learning networks

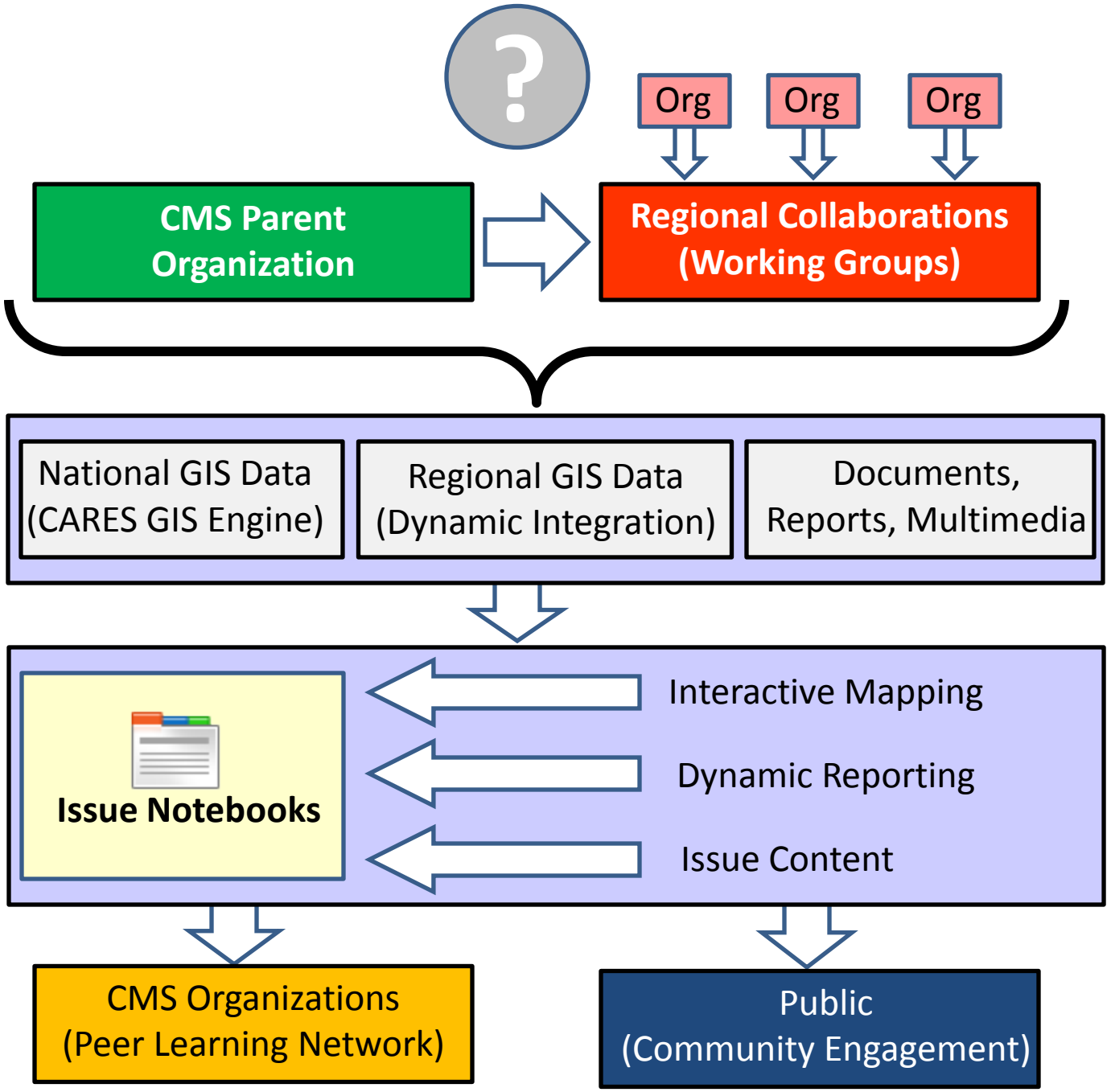
What is the issue?

What Organization(s) will address the issue?

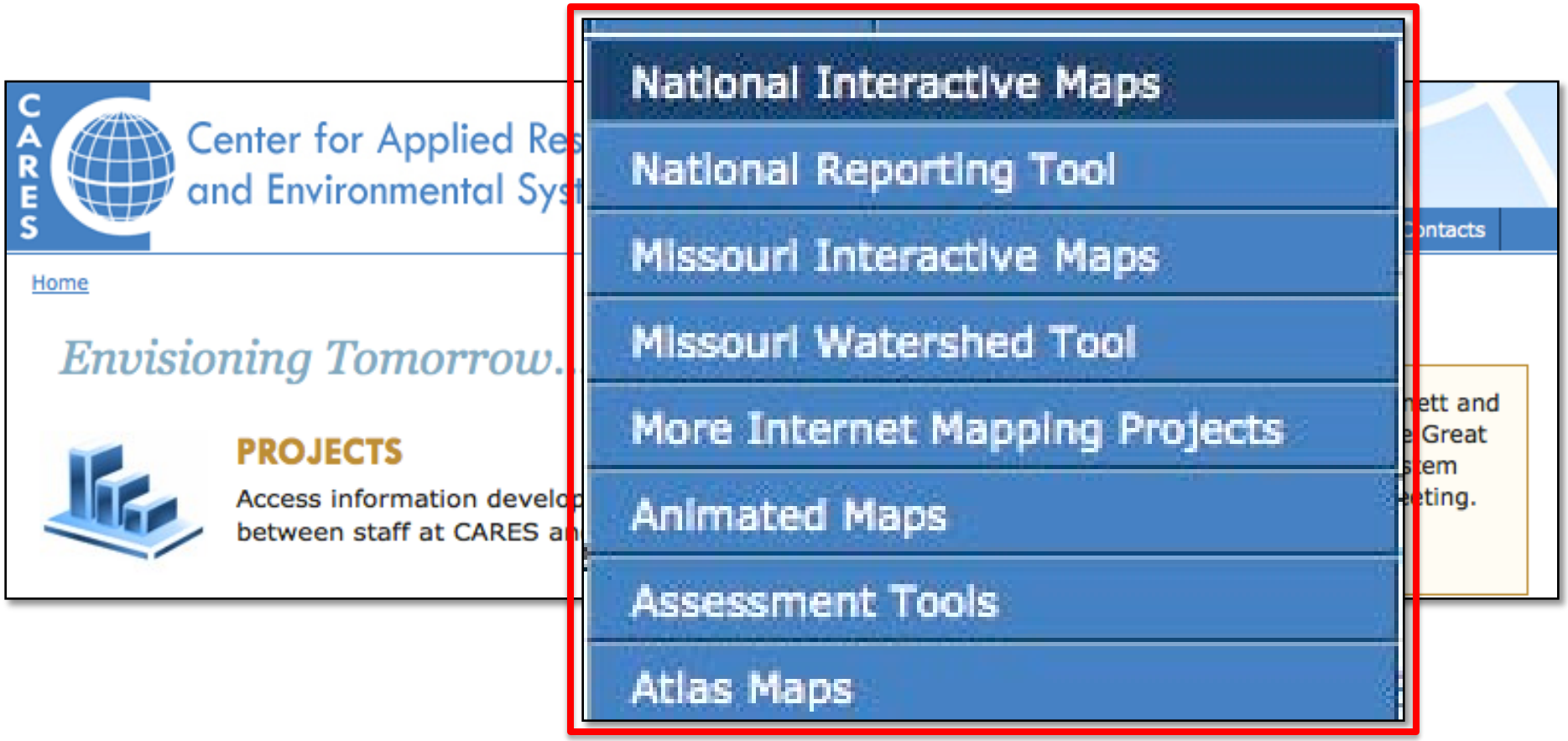
Where will the data & information come from to address the issue?

How do we organize and pull it all together?

How will the story be shared?



Public Good Components:
Mapping and Reporting Tools



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