



GIS and the SDGs

Data collaboratives on SDG monitoring



THE GLOBAL GOALS
For Sustainable Development

Data collaboratives on SDG monitoring

- Why GIS and the SDGs?
- Technology Paradigm
- Open Data Portals and Hubs



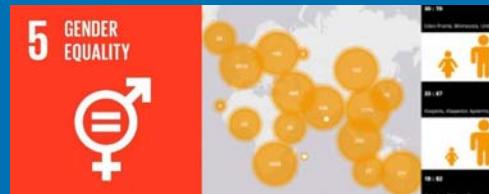
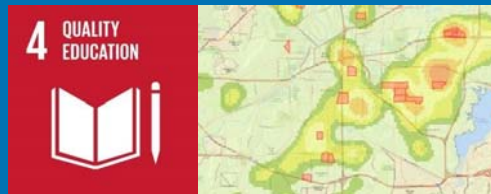
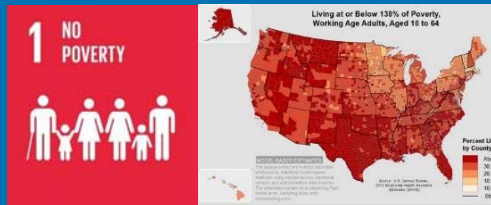


Vision

GIS

Is Enabling a
Sustainable World

GIS In Action



GIS In Action

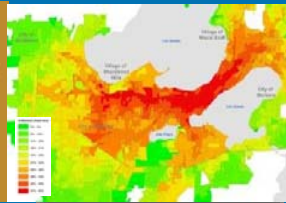

10 REDUCED INEQUALITIES





11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE AND JUSTICE STRONG INSTITUTIONS



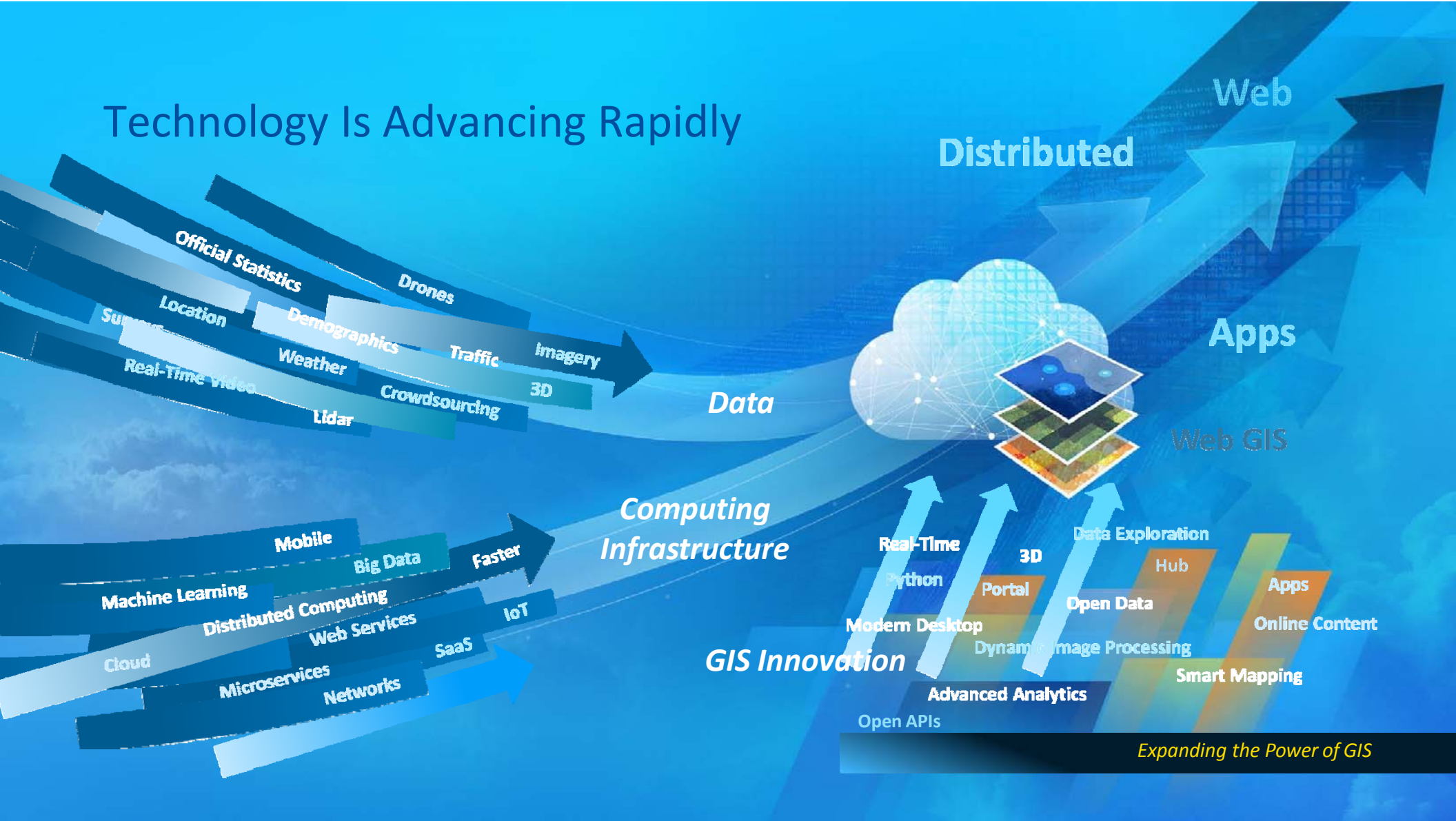
17 PARTNERSHIPS FOR THE GOALS





nology paradigm

Technology Is Advancing Rapidly



Information Systems are Becoming Distributed

A New Architecture Is Emerging

Enabling integrated
collaboration and
coordination

Dynamic
Systems-of-Systems



*Enabled by Portals . . .
. . . Abstracting Distributed Data and Analytics*

New Types of Data Collaborations Are Emerging

Connecting Individuals, Organizations and Communities



*... Creating a Nervous System for People and Planet
and a Means to Measure and Monitor Progress...*

Providing the Integrating Framework and Processes

For Enabling a Smarter World



Action and Outcomes

Data Collection
and Development

Data Integration,
Sharing and
Management

Geo-Statistical
Analytics
and Modeling

Planning and
Decision-Making

Stakeholder
Engagement

*Transforming How We Think and Act . . .
. . . Creating a More Sustainable Future*



ta Portals and Hubs

THE HUB

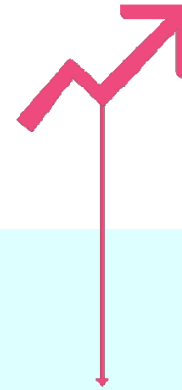
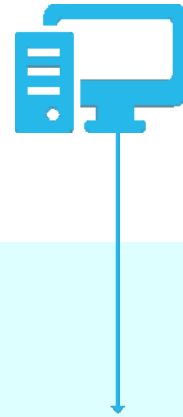
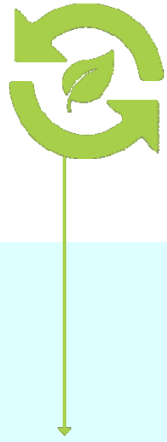
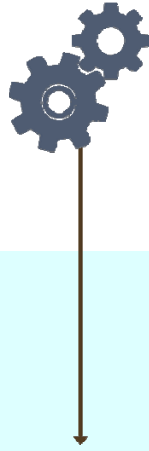
INNOVATION AND ENGAGEMENT



Every place has **aspirations** for the what they want to become.
For example, these are Los Angeles' goals...



Those aspirations get translated into actionable, real-world **initiatives**



**Implement
Performance
Management**

**Reduce Traffic
Congestion**

**Create More Affordable
Housing**

**Reduce
Homelessness**

**Increase Recreation
Opportunities**

**Improve Water
Conservation**

Make Parking Easier

**Create Job
Availability**

**Improve Emergency
Response Times**

**Use Less
Energy**

**Encourage
Startups**

**Improve Earthquake
Preparedness**

Solutions Cross Departments





