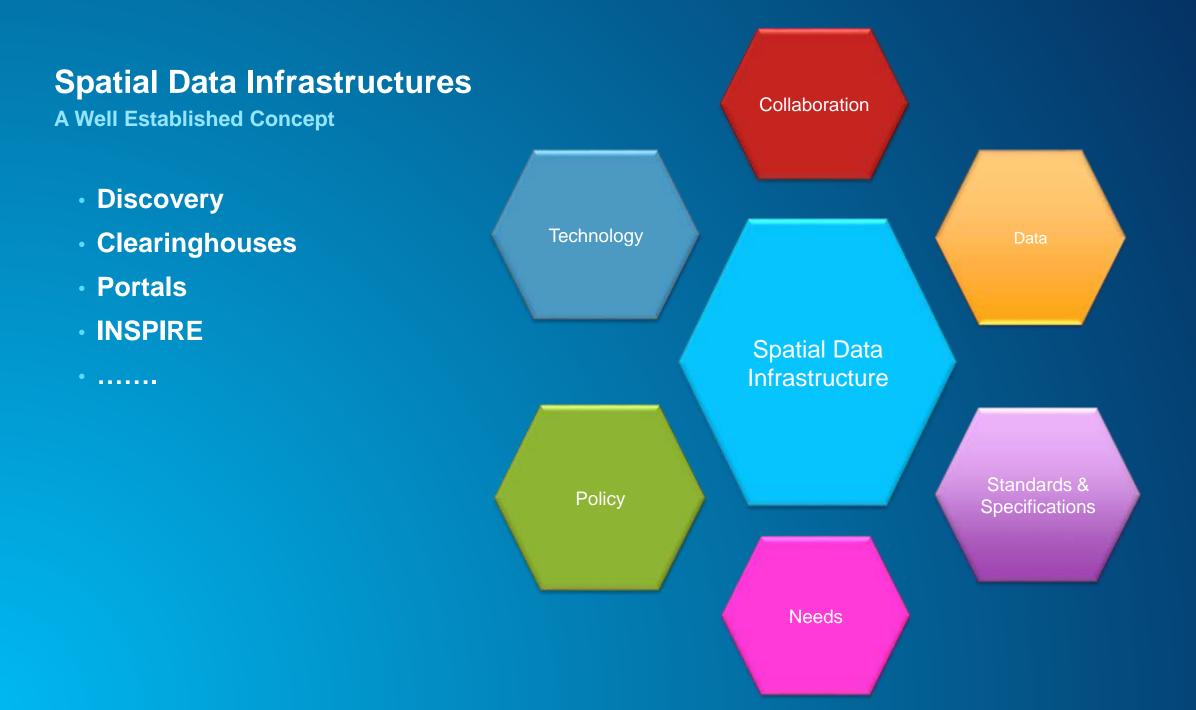


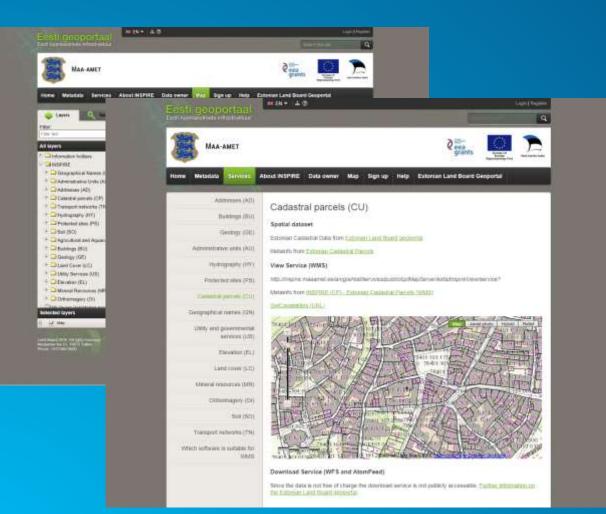


# Reimagining Spatial Data Infrastructures Nick Land Esri



### **SDIs in Europe**

#### **Estonia & Cyprus**









· # @

#### The Department of Lands and Surveys Web Portal

READ MORE



#### http://portal.dls.moi.gov.cy/en-us/homepage

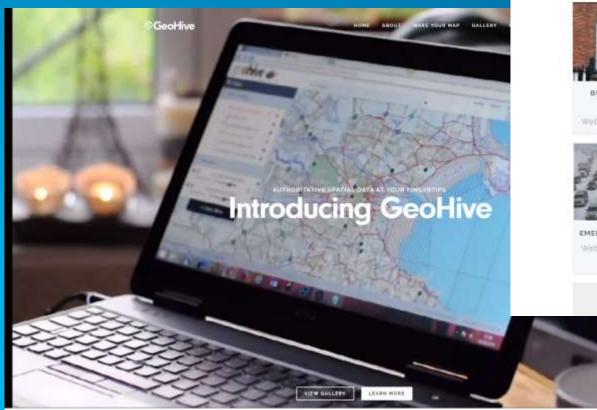
http://inspire.maaamet.ee/

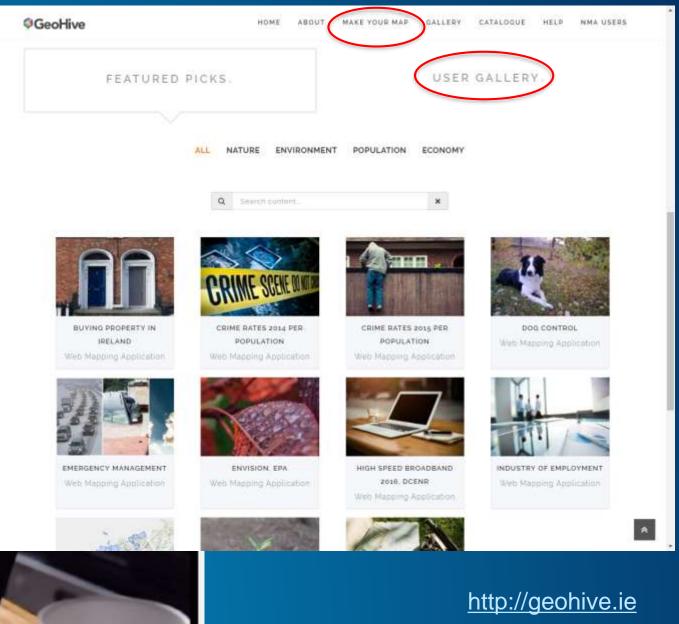
### **SDIs**

From "Compliance" to Use

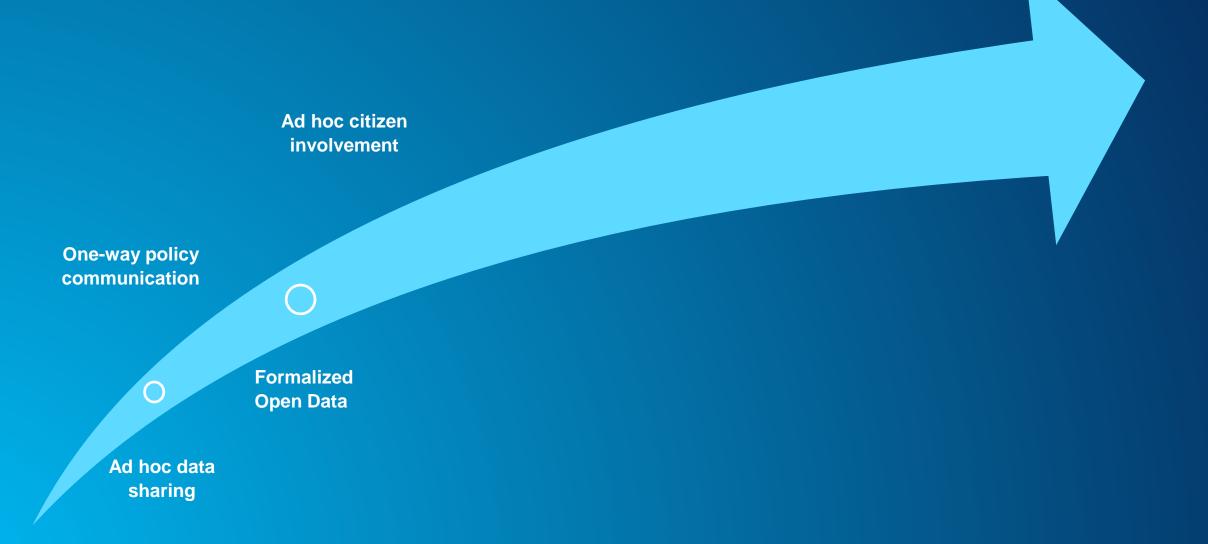
Open Data

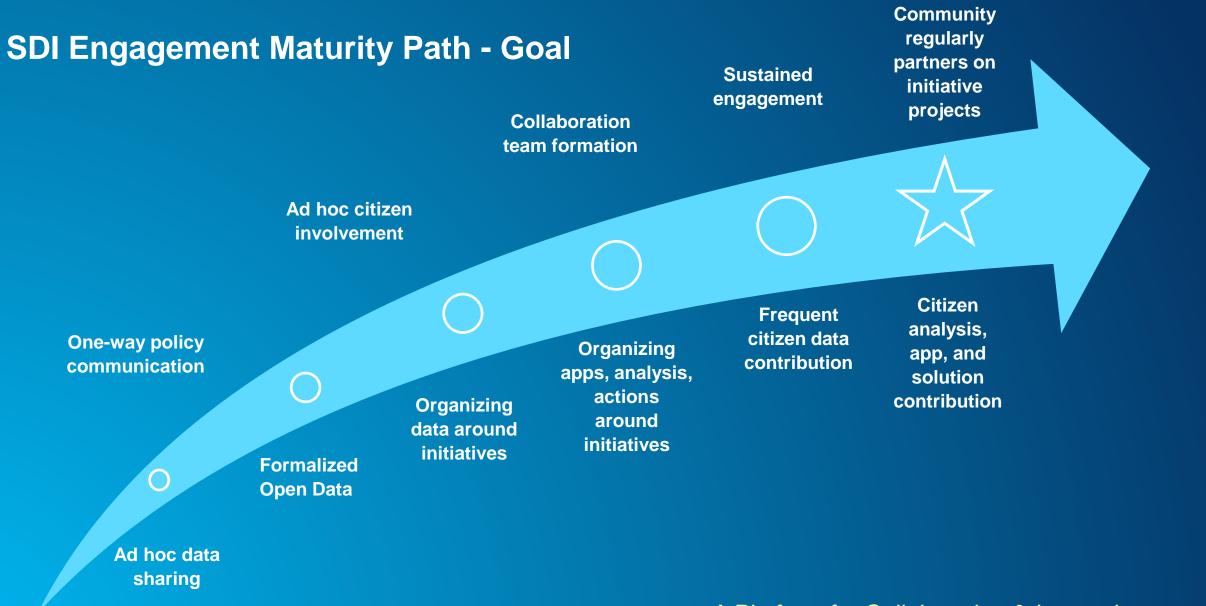
Collaborative platform





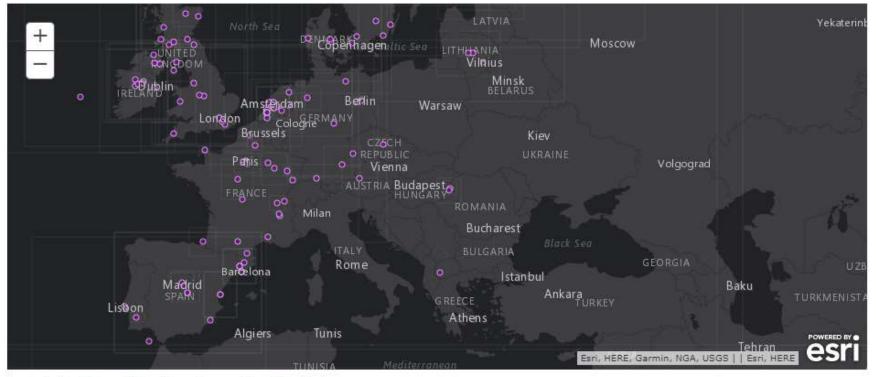
### **SDI Engagement Maturity Path - Today**





A Platform for Collaboration & Innovation

#### Open Data Is All Over the World



Launch the Open Data Sites Around the World story map.

http://www.esri.com/software/arcgis/arcgisonline/arcgis-open-data



#### Connect With Your Citizens

Citizens are an integral part of any government. Whether they're buying a house or wondering about road construction, Open Data allows citizens to engage with your data, and allows you to better understand what issues the community is focused on.

### **Search Data**

Find Bus Routes, Park Services, Schools	Near City, Country	Q
Total Datasets		97,512
Organizations Worldwide Sharing Open Data		5,250

### Browse by Categories



Safe Crime

Disaster

Emergency Response



### Sustainable

Climate

Energy Infrastructure





#### Prosperous

Demographics

Economy Education



### Healthy

Agriculture

Disease



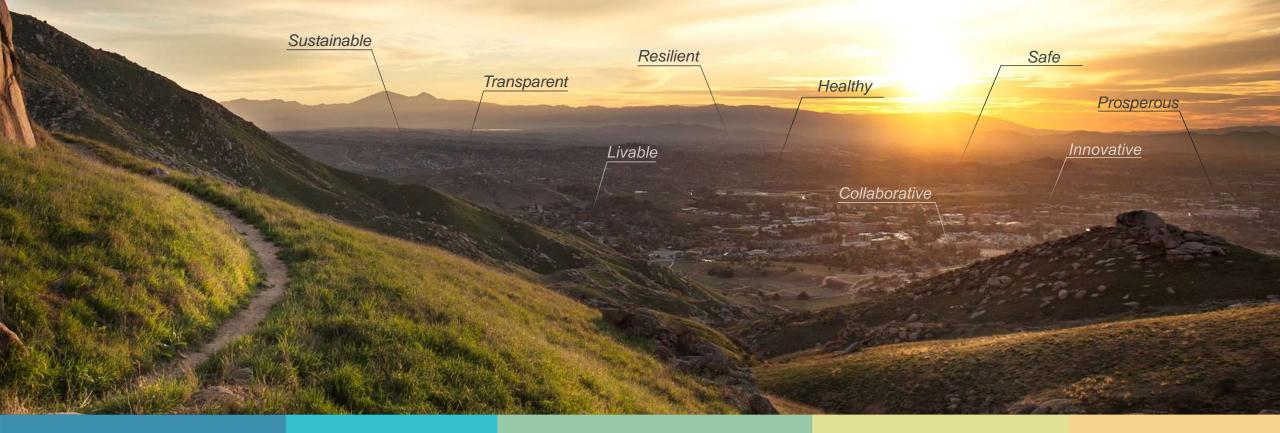


#### Well-Run Boundaries

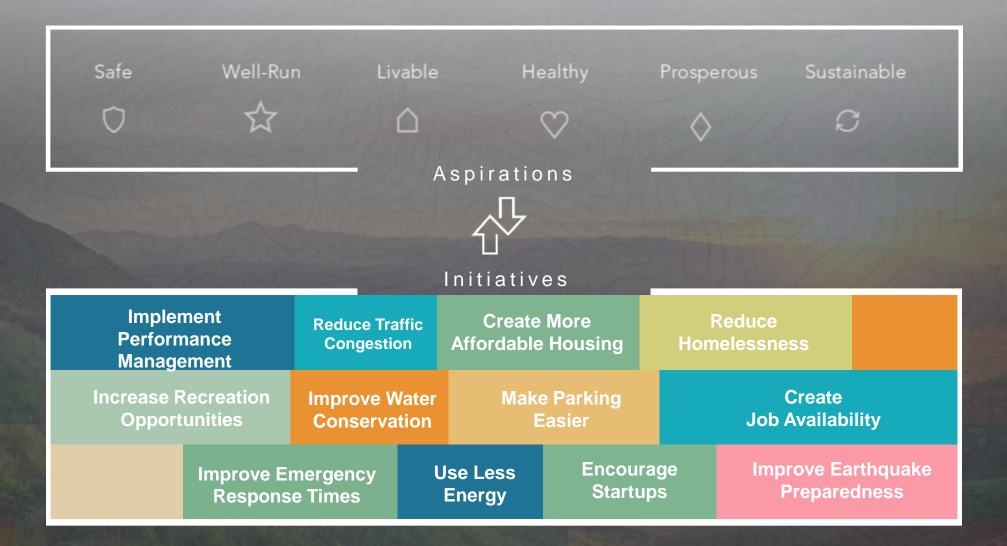
Financial

Planning & Land Use

# Every Community wants to be...



# Aspirations get translated into actionable, real-world Initiatives



## Partnership

# Enterprise Collaboration

- Cross-department Teams
- Initiative Focus

# Community Organization

- Engagement on Initiatives
- Citizens with Identity

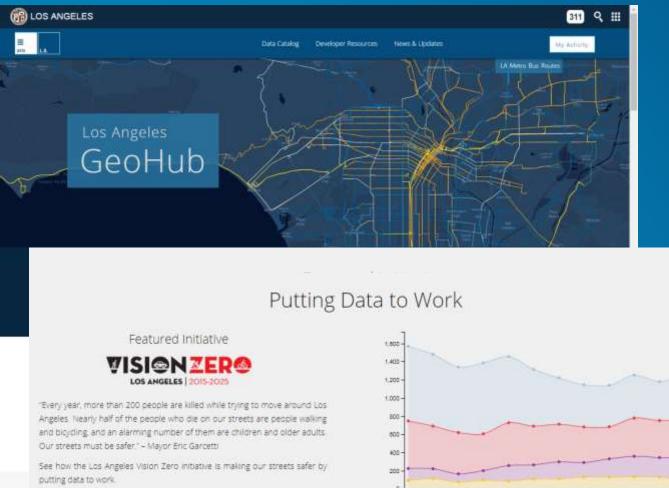
• Shared Data & Tools

• Discovering Solutions Together

### **Initiative Web Pages**

See Data in Action

### Los Angeles Vision Zero Initiative page



2 200 2007 2009 2011 2013 Vehicle Pedestrian Mictorcycle Bicycle Los Angeles Annual Traffic Fatalities and Severe injuries

2015

Banner Narrative Montgate Litter (10 August Performance where Zirre Mate & Application Apps Data Catalog ----\_ Uniteritating Our Oly Maps Be a Fart of the vision Zero Solution Ways to Engage **VISION ZERO** VISIONZERO Participating Agencies Public Doubt



# WebGIS Provides the Framework

For Managing, Analyzing, and Applying Geographic Information

Integrating People, Processes, Things, and Data About Them

System of Engagement

> Using the Power of Location to Integrate Everything

System of Record



# Community Engagement

Providing Citizens Information . . . . . . And Leaders Input

Citizen Communication Citizen Surveys (Crowdsourcing)

Status Reporting

Open Data

Storytelling



ArcGIS Online

#### Managing

Community Outreach

ArcGIS Hub

- Policy Initiatives
- External Organizations

Improving Communication, Transparency, and Community Action

# A Whole New Type of GIS Is Emerging

Connecting Individuals, Organizations and Communities

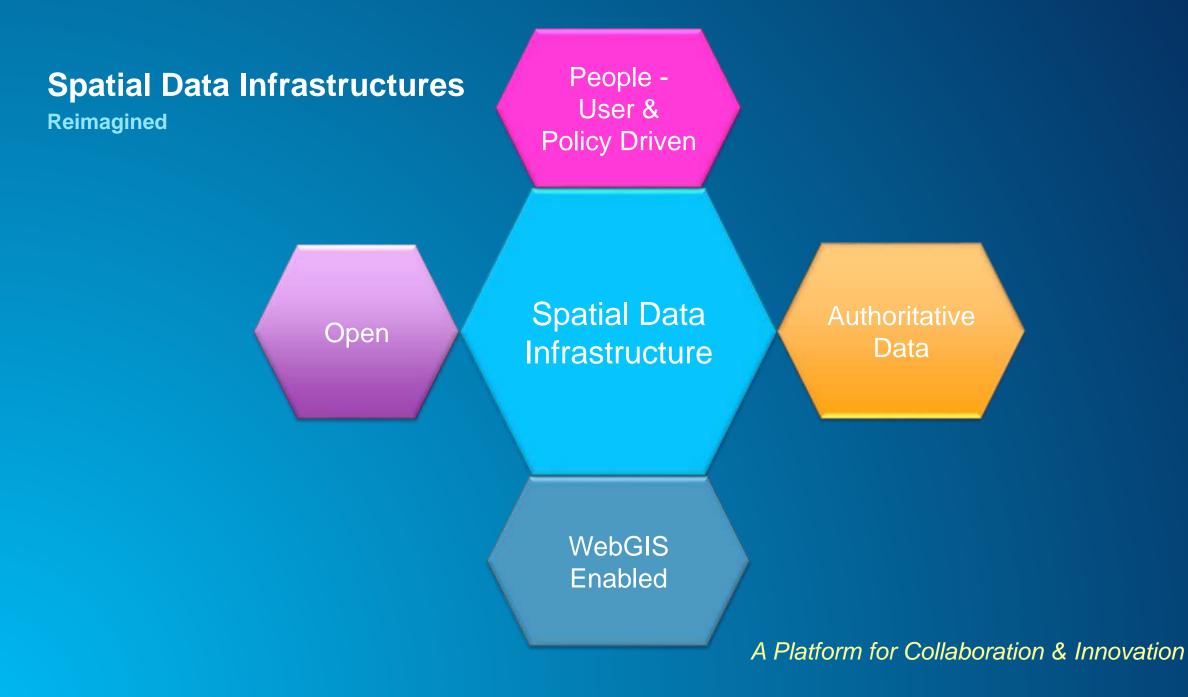


### Web GIS Portals are Enabling the Vision of NSDI

Complementing Metadata Catalogs with an Integrated System



... Transforming the Role of Geospatial Information





nland@esri.com