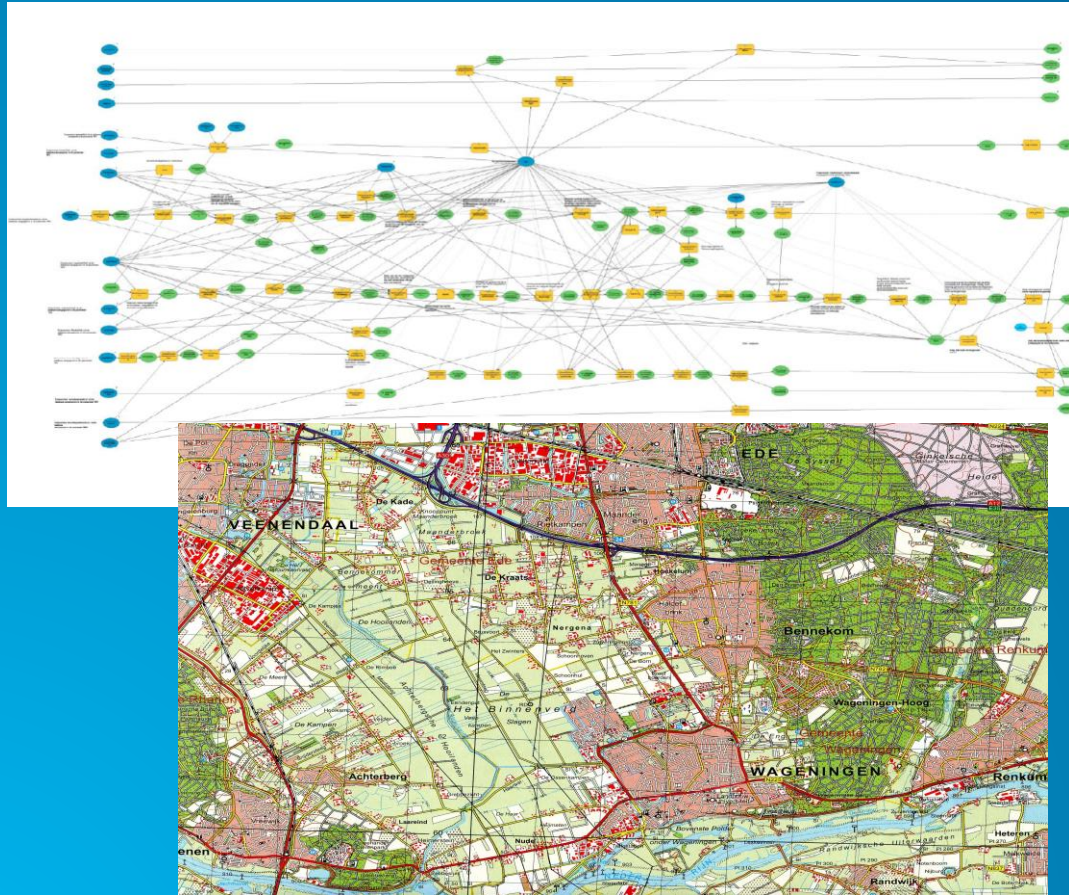




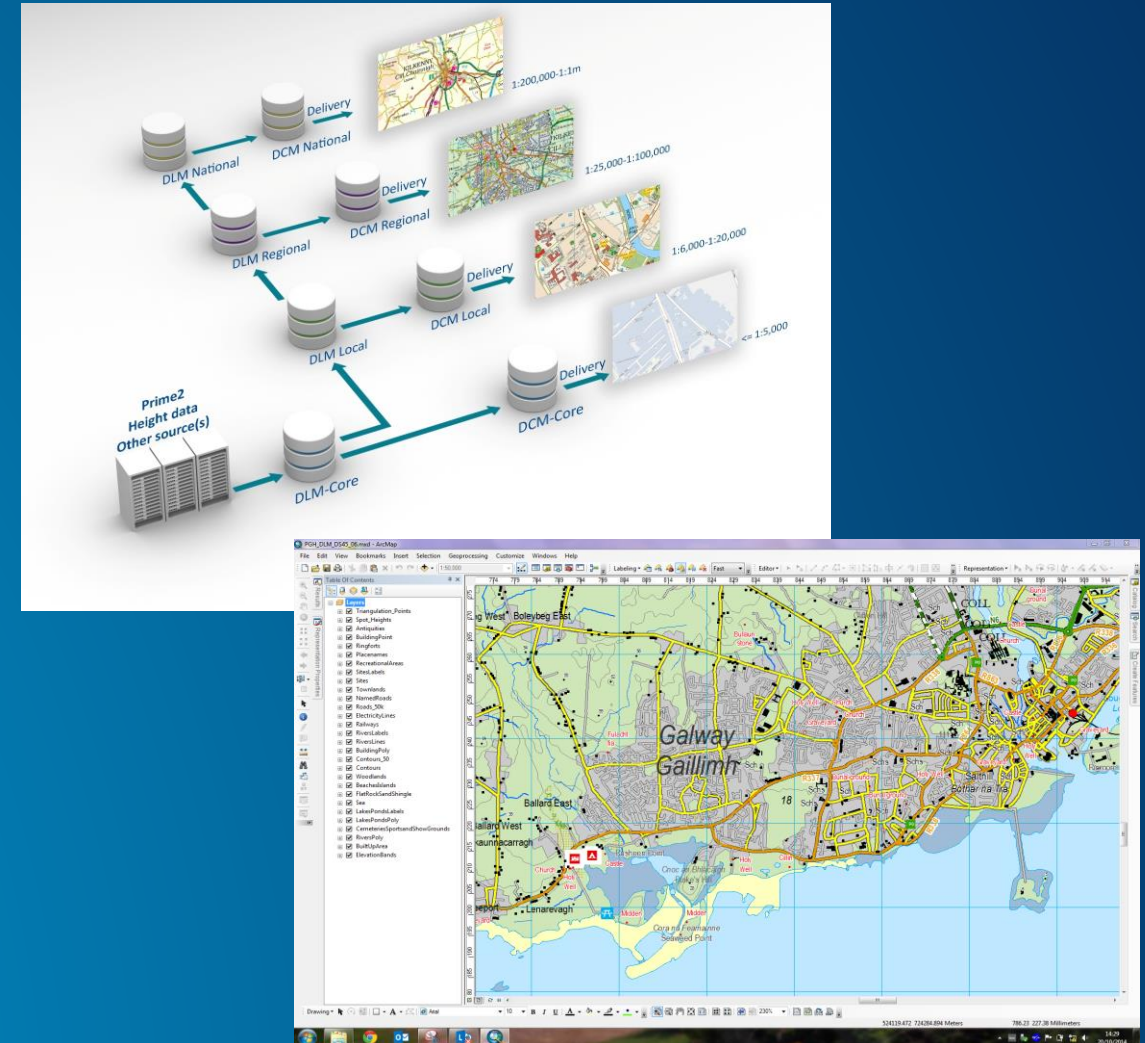
# Industry Support for Future NMGAs

Mark Cygan

# Collaboration on Innovations



*Dutch Kadaster*

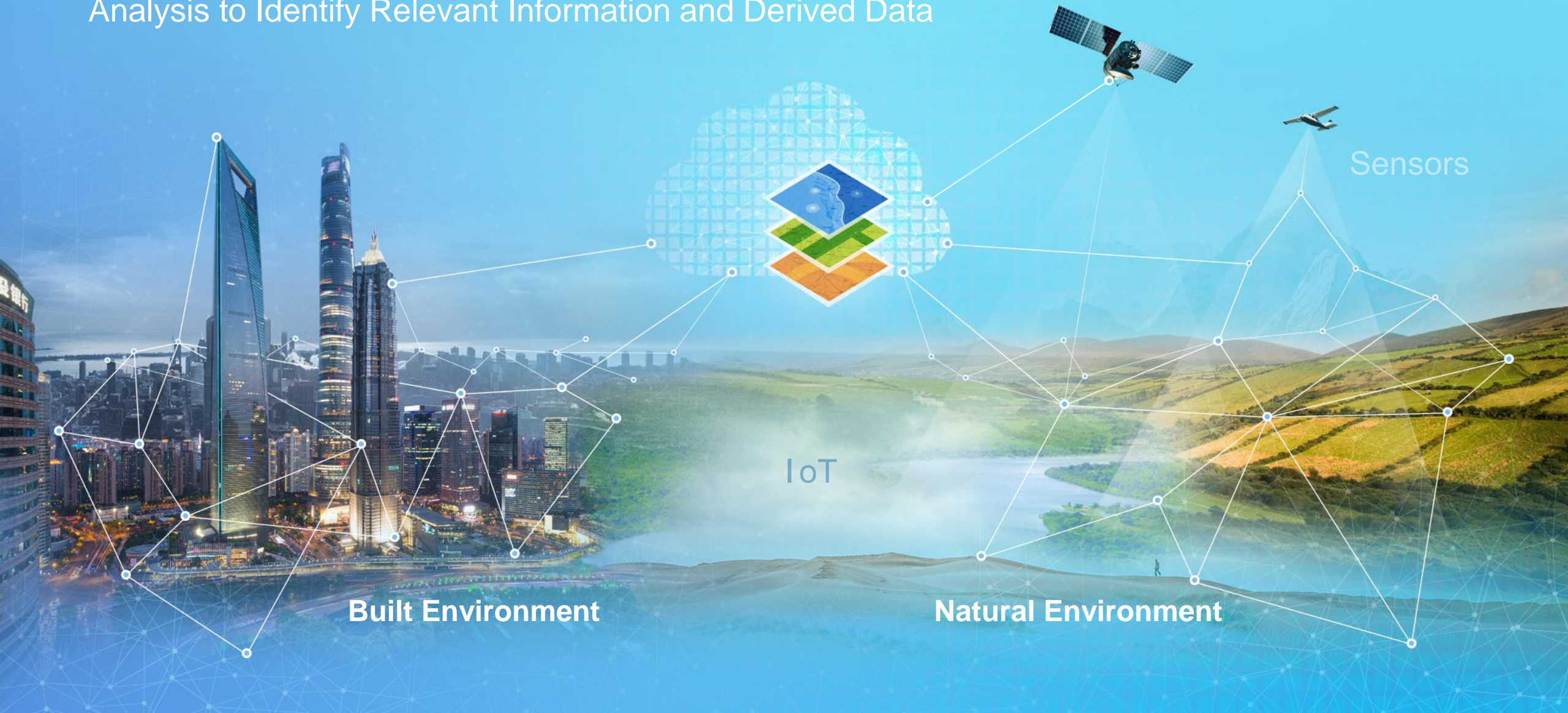


*Ordnance Survey Ireland*



# Integrating Real-Time Data

Analysis to Identify Relevant Information and Derived Data





# Working Together in the Same Ecosystem

With Each Other and Our Common Customers

Enabling  
Collaboration

Systems of Systems



*Enabled by Portals and Services . . .  
. . . Leveraging Each Others Distributed Data and Analytics*

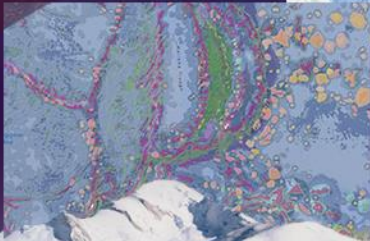


# Living Atlas of the World

Basemaps



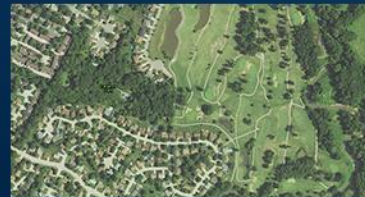
Oceans



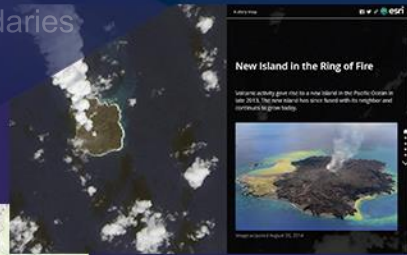
Terrain



Imagery



Boundaries



Weather



Hazards

Historical

Urban Systems

Demographics

Soils



Hydro



Land Cover



Habitats

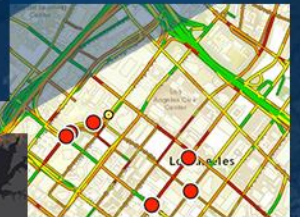
Landscape



Elevation



Observations



Transportation





# Delivering Answers to Questions

Creating a System of Engagement with our Users





# Smart Communities are Hubs





esri

THE  
SCIENCE  
OF  
WHERE