



Making the web an  
**exploratory place**  
for geospatial data

# GeoKnow: Leveraging Geospatial Data in the Web of Data

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<http://geoknow.eu>



# GeoKnow Consortium



Institute for Applied Informatics  
Germany



Brox  
Germany



Unister  
Germany



OpenLink Software  
United Kingdom

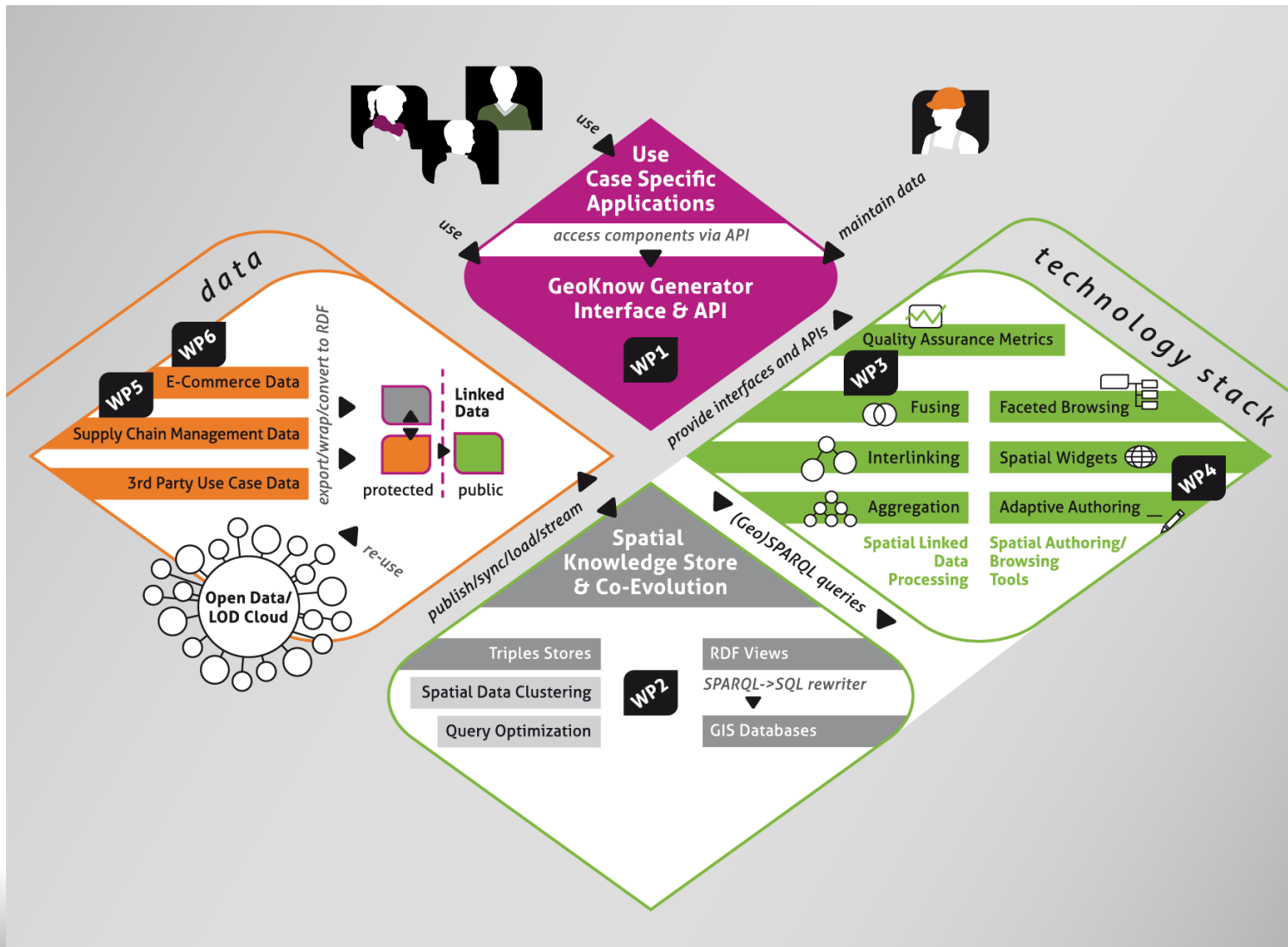


Ontos  
Switzerland



Athena Research and  
Innovation Center  
Greece

# The GeoKnow Project Overview





# Current State of Geospatial Data on the Web

- Three major sources of open geospatial data
  - Spatial data infrastructures
    - Compatible with almost all GIS
    - Significant investment
  - Open data catalogues
    - Encapsulate SDIs
    - Published as files
  - Crowdsourced geospatial data
    - OSM, Wikipedia



# Semantic Web Technologies for Geospatial Data

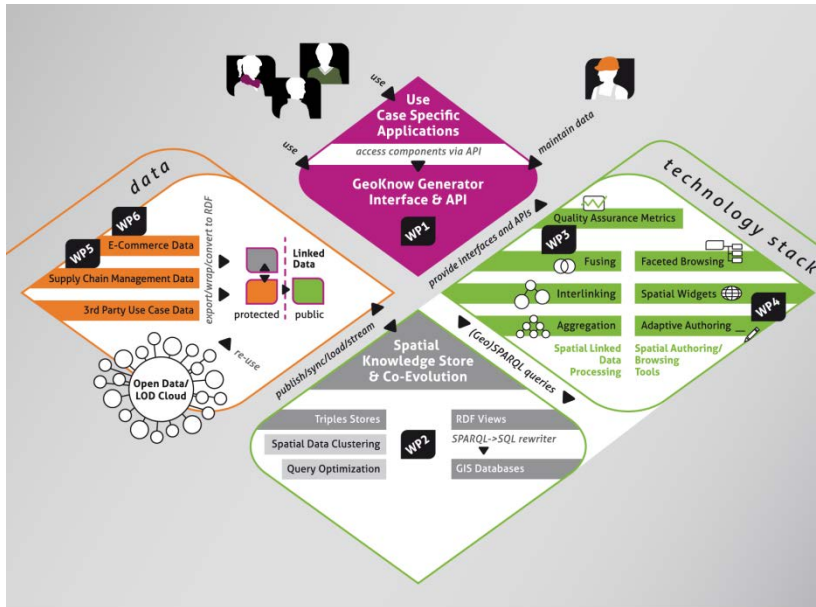
- Ontologies
  - Basic Geo Vocabulary
  - GeoOWL
- GeoSPARQL



# GeoKnow Contributions

- Efficient geospatial RDF querying
- Fusion and aggregation of geospatial RDF data
- Visualisation and authoring
- Public-private geospatial data
- GeoKnow Generator

# GeoKnow Use Cases



- E-Commerce
- Supply Chain



Discoverability

GeoKnow Generator - December 2013



# GeoKnow on the Web

- <http://geoknow.eu>
- [blog.geoknow.eu](http://blog.geoknow.eu)

