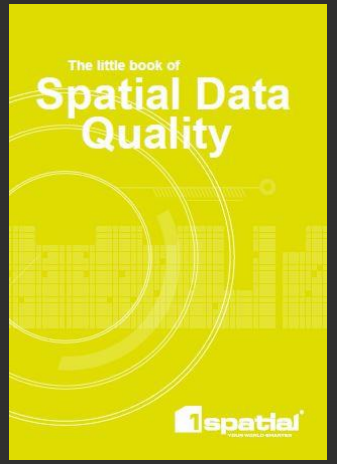
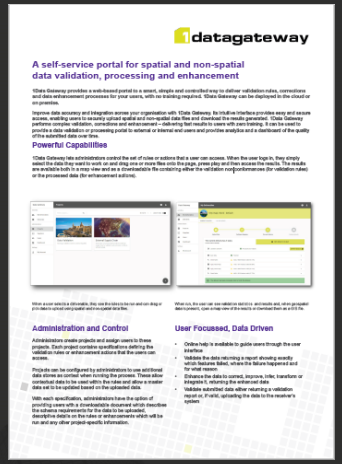
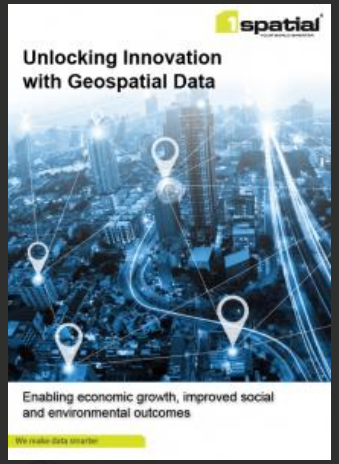
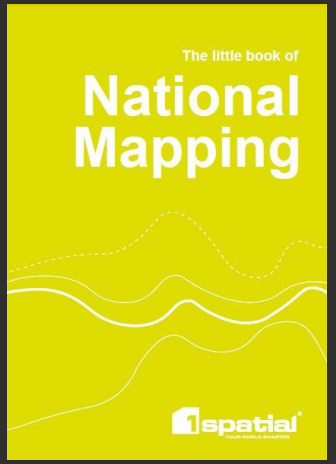
Welcome

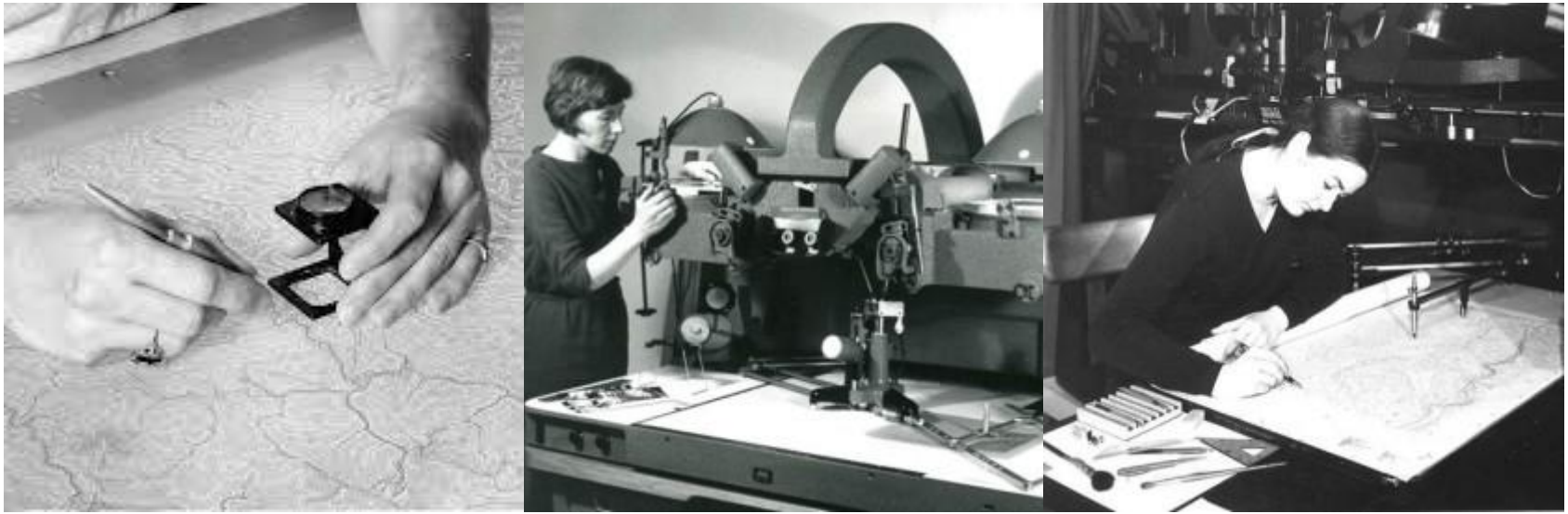
SDQ 2020: International Workshop on Spatial Data Quality
Data Maturity - Geo Data Growing Up
28th January 2020







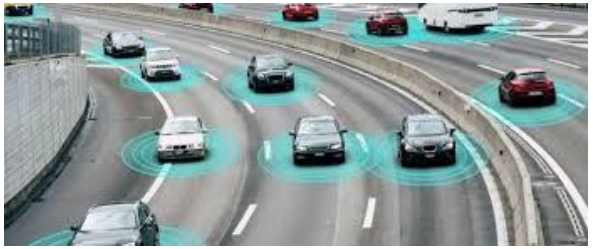


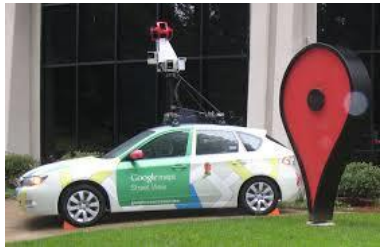


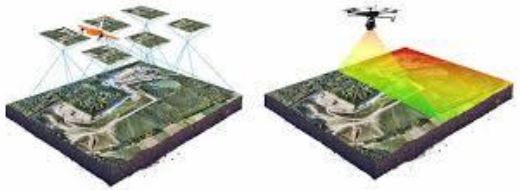
EuroGeographics EuroSDR OGC Making location count. ISO ICA ACI

Changing World

- A Dynamic World – Propelled by Innovation in IT
- IT changing how people live and the way people do business.
- There is increasing demands to adopt new ideas, techniques, improvements and innovations.







Adapting organisations

Drivers

- The goal is to increase competitive value by increased automation
  - Deliver greater economic value
  - Increase the effectiveness of evidence based decision/policy-making
  - Cement the primary purposes of that organisation and it's data
- Deliver growth and innovation for organisations using data

How

- Positioning data as a strategic enterprise/national asset.
- Appointing Chief Data Officers
- Building on existing geospatial data infrastructures driving data collaboration, automation, transformation and visualisation
- Build data strategy that aligns with business strategy

Data Strategies

Defensive Data Strategy

- Ensure data integrity, quality, compliance. Applying standards. Defining and governing authoritative data sources
- Single source of truth
- Control

Offensive Data Strategy

- Improve competitive position. Optimise analytics, transformation, enrichment, availability.
- Viewing Data as a strategic enterprise asset
- Flexibility

Maturity Models

A measure of the organisations maturity (people, process and technology)

Element 0: Initial

Principle: Undefined data management process

Usage: Data management focused on specific solutions or reliant on key people

Element 4: Optimised

Principle: Optimised data management

Usage: Continuous feedback, enterprise architecture is optimised

Build a process improvement framework for data assets

- Data Management
- Data Enrichment
- Data Insight

Evolving Geospatial Data Infrastructures

Geospatial data infrastructures have been effective:

- Increasing quality/integrity
- Standardising structures (standards)
- Improving data sharing

Offensive strategies will need these infrastructures to evolve

- Data Enrichment: Augment assets with additional internal and external data
- Flexible: Customise data and transfer data to information
- Data Analysis: Analytics to extract including actionable insights

Join Us For Drinks

Join us at the conference drinks reception at the Rosselli Hotel,

Save the date for our 2020 Smarter Data, Smarter World Conference: 10th November 2020