A stylized city skyline illustration. The background features a grid of grey squares representing buildings. In the foreground, there are black silhouettes of a bridge with a railing, two streetlights, and a road with a yellow curb and white dashed lines. The sky is white, and the overall style is modern and minimalist.

1Generalise, a flexible and easy to manage  
generalisation tool

Nicolas Regnauld

# 1spatialmanagement suite

## 1spatialworkflow

### 1spatialplan

1plan

### 1spatialmaintain

1edit

1exchange

1transact

1validate

### 1spatialpublish

1generalise

1integrate

1publish



1Generalise: Building on expertise gained from 20+ years of close relationships with NMAs

### 20 year of experience in Generalisation

- OO database
- Explicit topology
- Agent
- Generalisation algorithms

### Expertise in building Enterprise Systems

- Scalability
- Resilience
- Rule-based process
- Web Service
- Web-based client For configuration

### New features

- Built-in partitioning
- National load
- Change only updates
- Reusable components
- Predefined flowline
- Dual viewer



**1generalise**



## **generalise**

Flexible and ready to use automatic generalisation system, supporting the initial creation of seamless national coverage and incremental updates.



## Key Concepts



Flowlines Designer



Classification Editor



Profile Editor

### *Flowline:*

- Associated with a specific type of map
- Provides the logic used to generalise all themes relevant to that map
- Made of reusable components (subflows, steps)

### *Classification:*

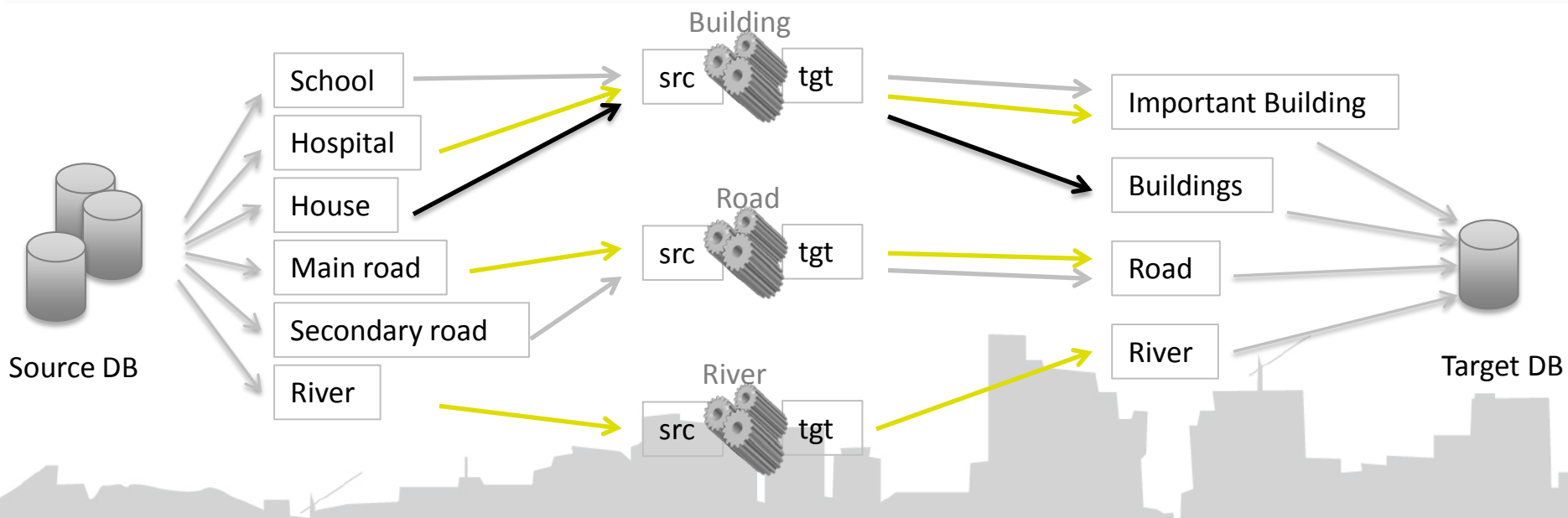
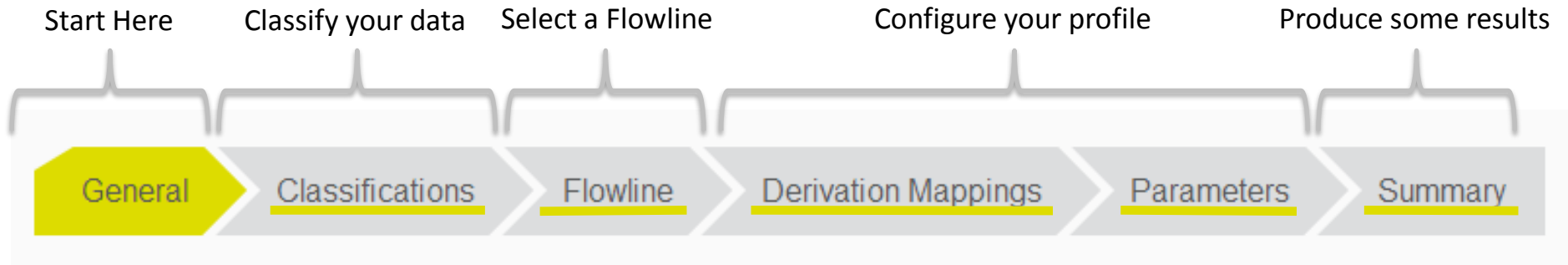
Used to reclassify user data into themes which can be mapped to Flowline themes.

### *Profile:*

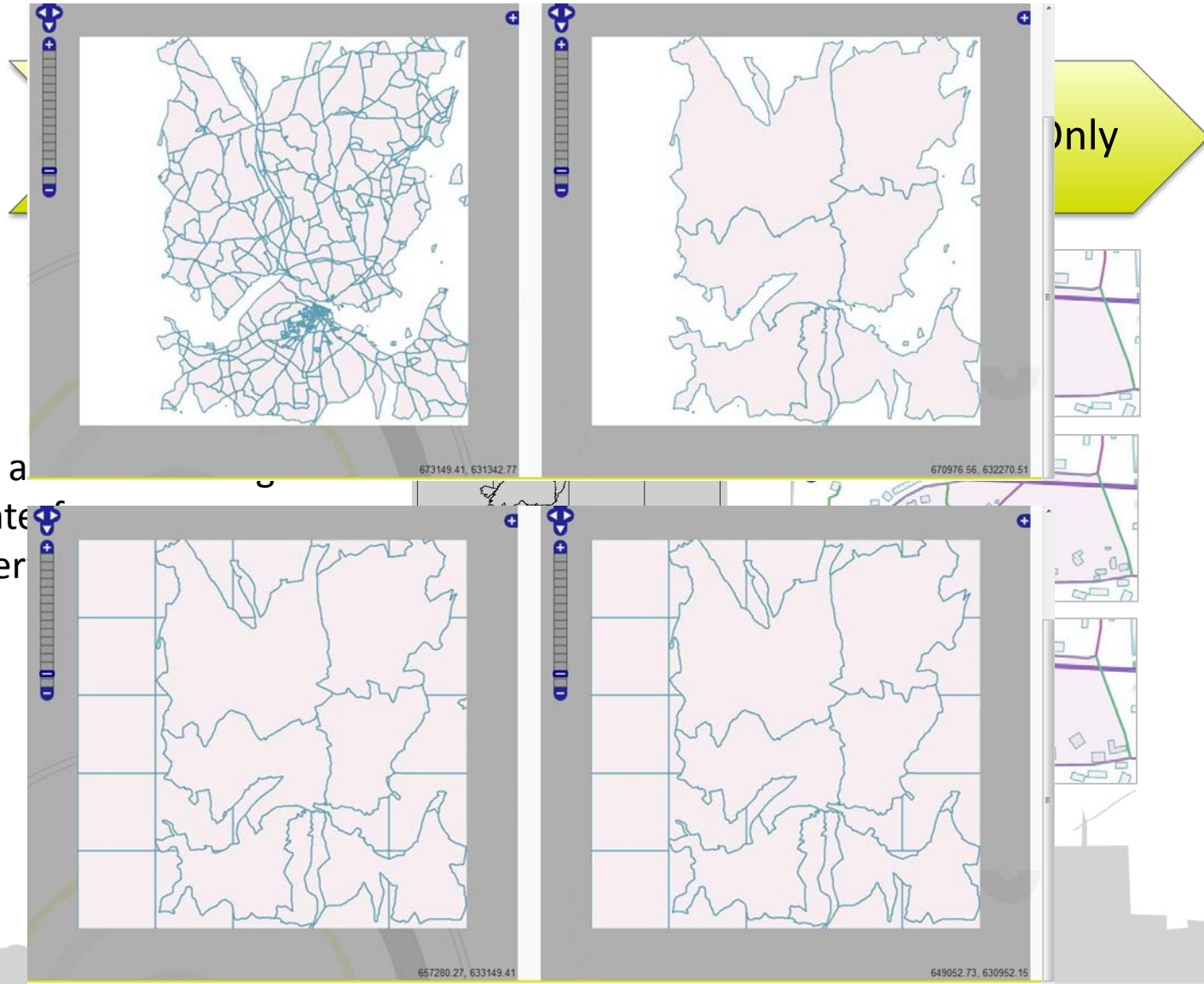
Configuration settings to apply a Flowline to classified data



# Configuring your profile



# Processing Modes



All modes are available in:

- User Interaction
- Web Service

# DEMO





## *Summary*

- Dedicated application for generalisation  
National load – change only update
- Production ready  
Scalable and resilient
- Can be integrated in any system  
Service Oriented Architecture
- Easy to configure and use  
Reusable components, predefined flowline



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Thank you

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