



## General Introduction

*Latest update: September 2015*

# Information Management Challenges faced by Policy Makers ... and How Sense4us Meets them

- Too much information
  - Need to sift through the deluge of information available today
- How to gauge public opinion
  - What are people saying about the policy topics?
- “Unknown unknowns”
  - There may be relevant information policy makers are not aware of
- The full impact of policy is not always obvious when it is created
  - Unexpected outcomes & affected citizens

## Theme Analysis

Summarisation of long texts: documents, social media postings

## Social Media Analysis

Social media opinions, sentiments, related information

## Open Data Search & Mapping

Related information & how concepts are connected from open data sources

## Policy Modelling & Simulation

Evaluation of policy options & impacts on key stakeholders

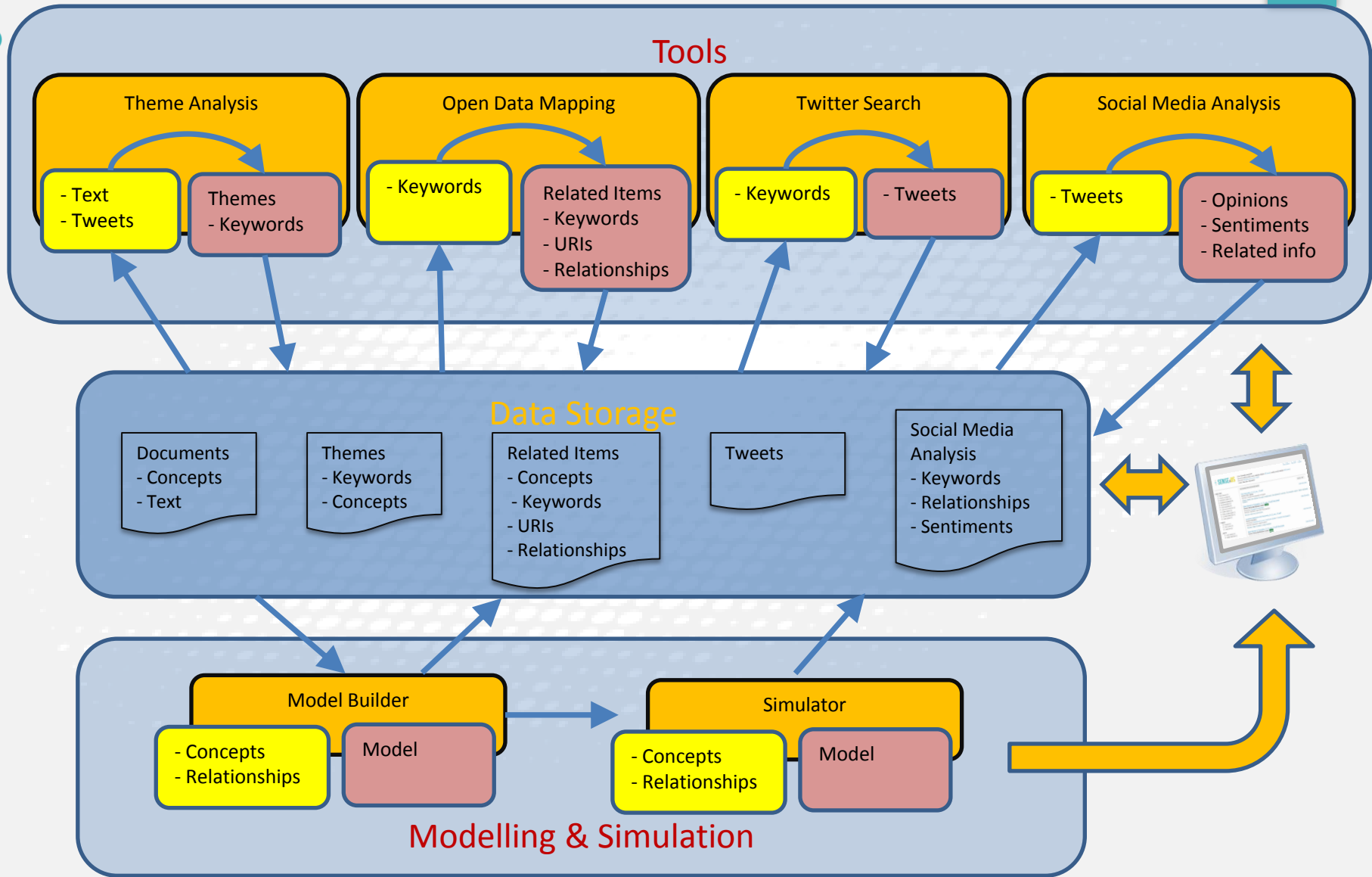


# Sense4us Overall Concept: Information Discovery Support Toolkit

- Help a policy making researcher find information quickly and easily
- Given a core topic, **find related information**
- Show **sentiment** in social media towards topics
- **Evaluate different policy options**
- Build a **policy model** and **simulate** the impact of a **policy option**

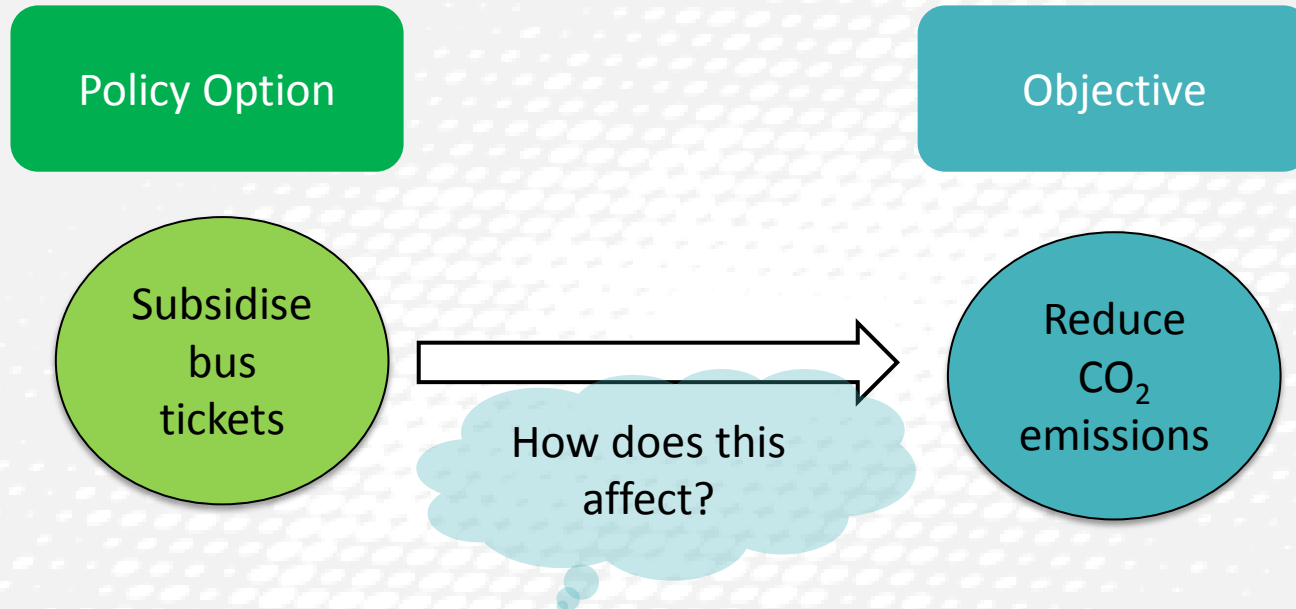
## • Sense4us: How it Works

- Sense4us has **tools** and **data**
- Tools take data in, do some processing and produce other data
  - One tool's output data can be the input data of another tool
  - Users can use any tool at any time depending on their needs
- Information tools provide input to policy modelling



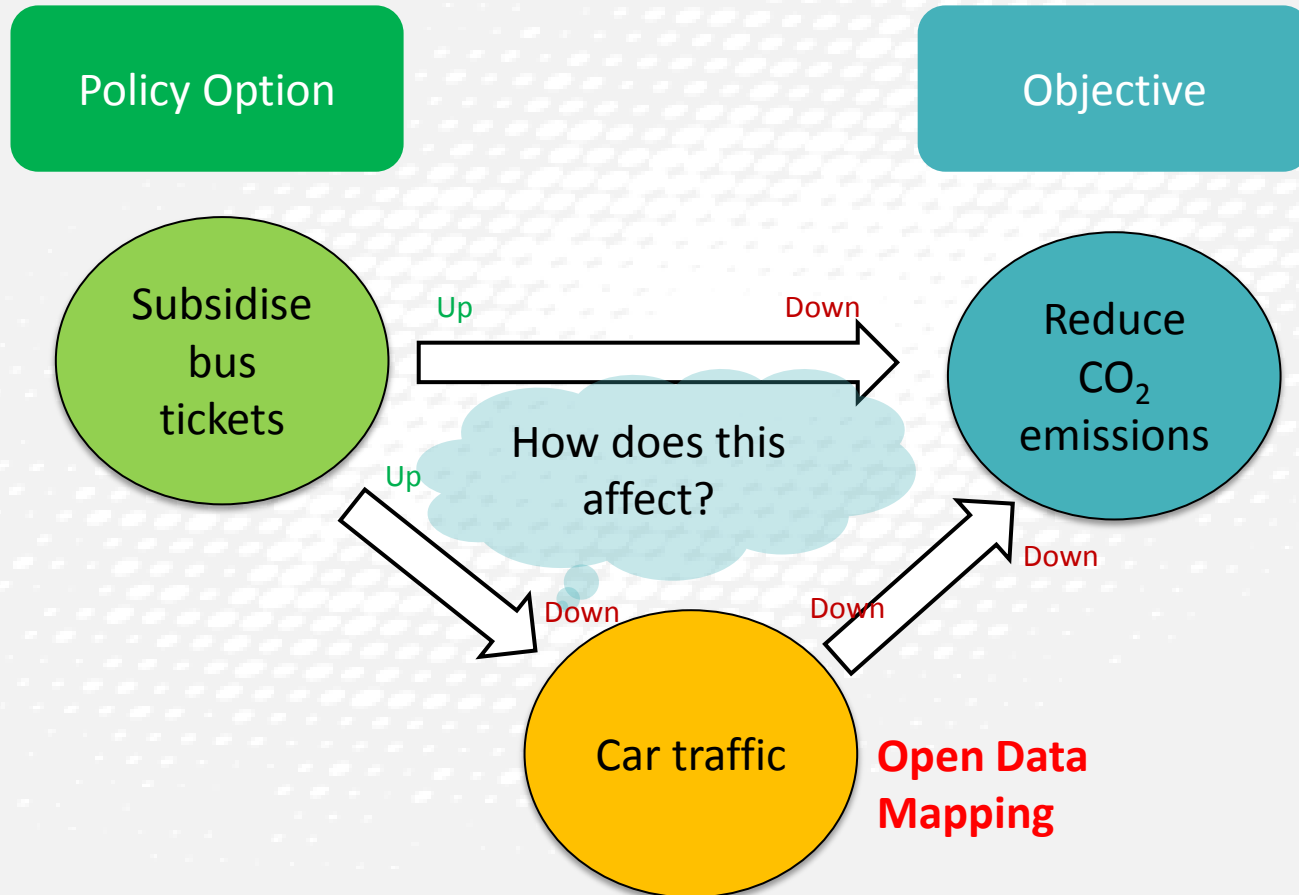
# Policy Modelling

## - Policy Objective and Option



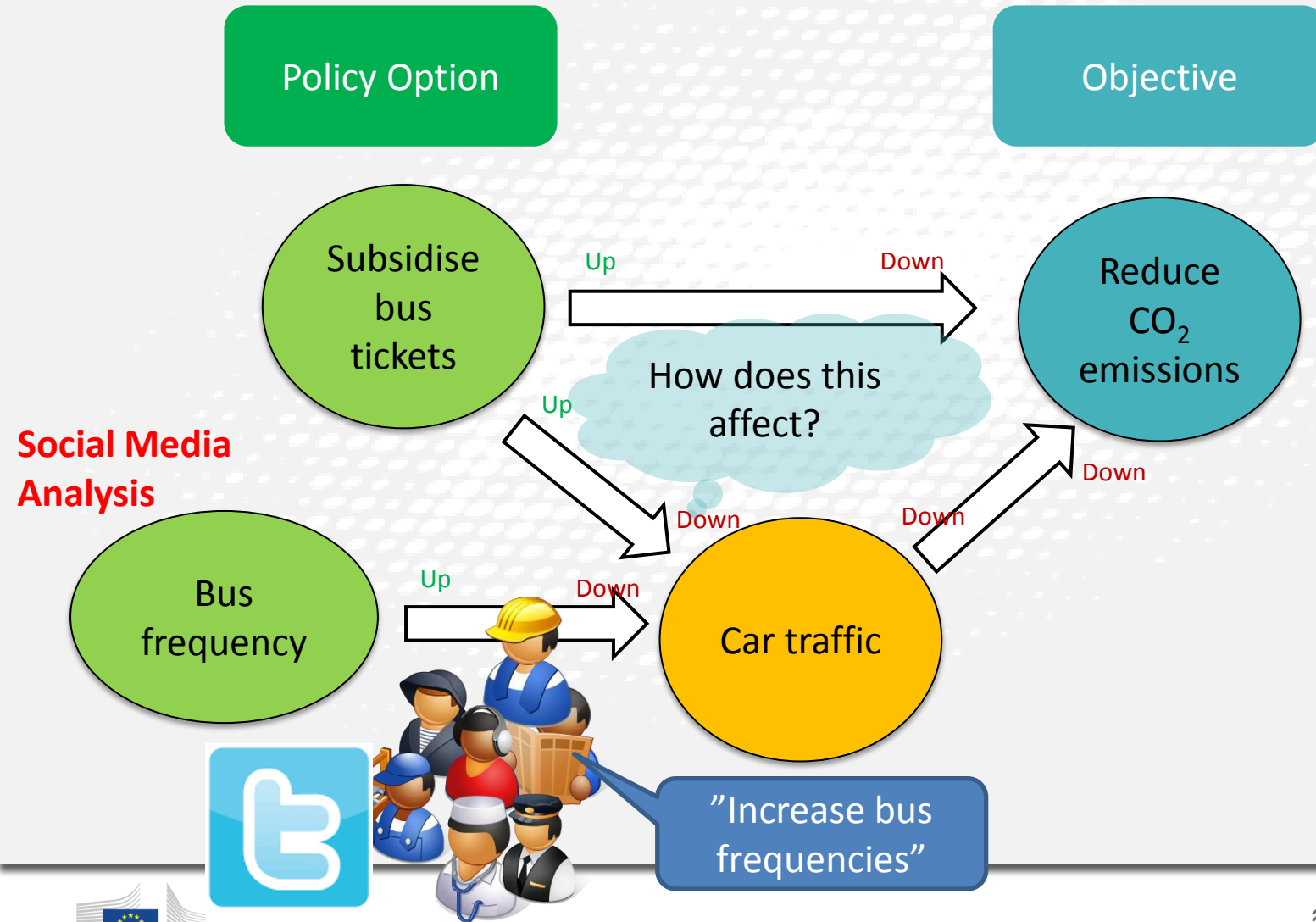
# Policy Modelling

## – Open Data Provides Information



# Policy Model Building

## - Social Media Analysis Provides Information







## Summary

- Sense4us helps policy makers in two ways
- Information Discovery Support
  - Tools to help user discover and organise information
- Policy Option Evaluation
  - Tools to help user test the impact of policy options