

## POLICY IMPACT ANALYSIS

This module will assist policy makers in evaluating policy options. Simulation techniques support the policy development process by analysing the potentially unseen impacts of a proposed policy and allowing different scenarios to be tested and their consequences assessed. The insights obtained from the simulations can inform a comprehensive policy impact assessment.

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## QUESTIONS?

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SENSE4US PROJECT



This project has received funding from the European Union's Seventh Framework Programme



DATA INSIGHTS FOR  
POLICY MAKERS & CITIZENS

## THEME ANALYSIS

Providing automatic summaries of policy documents



## SENTIMENT ANALYSIS

Summarising opinions and sentiment from social media

## LINKED OPEN DATA SEARCH

Discovering, interlinking and recommending the most relevant data sources



## POLICY IMPACT ANALYSIS

Simulating the impact of proposed policy options on citizens and society



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## THEME ANALYSIS

This module analyses and identifies topics from any document using text analysis and machine learning. The topics extracted provide the user with a quick summary of the document or group of documents, so the user can make a quick judgement about which ones are more relevant or useful, without having to read them all.

An additional benefit of the thematic analysis is that the keywords extracted from the documents may be used for further, more detailed, searches in open data repositories or on social media platforms.

## THE SENSE4US TOOLBOX

The project assists policy makers by providing novel tools and techniques that are intended to make sense of the overwhelming quantity of information that may be relevant to a policy, and by helping to examine the impact of a proposed policy on society. Sense4us will develop an integrated toolkit to help policy makers access and summarise a wide array of relevant data, take into account the views of citizens on policy issues and better understand the implications of proposed policies.



## SENTIMENT ANALYSIS

The emergence of social media has given citizens a space to share their thoughts and opinions on all kinds of topics and events. Sense4us will provide tools that summarise social media discussions and extract the key sentiments and opinions of citizens towards a policy or related political issue. These tools will therefore allow policy makers to tune into a wide variety of citizens' reactions to policies and political issues, all of which will contribute to more informed policy decisions.



## LINKED OPEN DATA SEARCH

This module will recommend the most relevant data sources based on the analysis of a document or search terms entered by the policy maker, and will execute distributed searches across multiple data repositories. Links between the data sources will be indicated, so the user can explore themes and datasets related to the policy, potentially discovering new information on previously unexplored topics.