

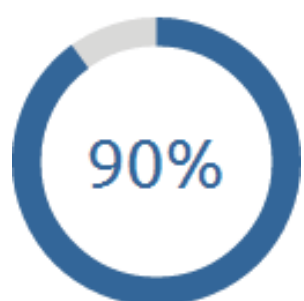
UrbanData2Decide



Integrated Data Visualisation and Decision Making

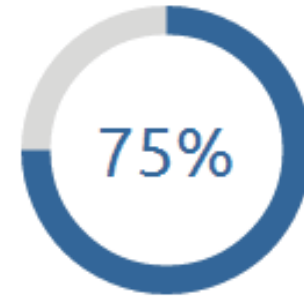
Data visualisation and decision making solutions to forecast and manage complex urban challenges

Urbandata2decide.eu



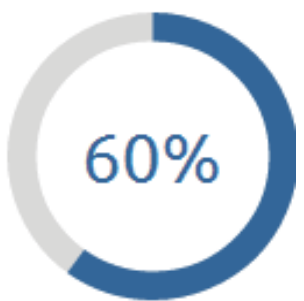
Population Growth

Cities are growing very fast - over 90% of population growth in developing countries is in cities.



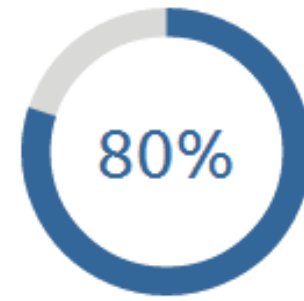
Living in Europe

About 75% of all European have chosen urban areas as their place to live.



2030 City Population

By 2030, it is expected that 60% of the world population will live in urban areas.



GDP Production

An estimated 80% of global GDP is generated in cities.

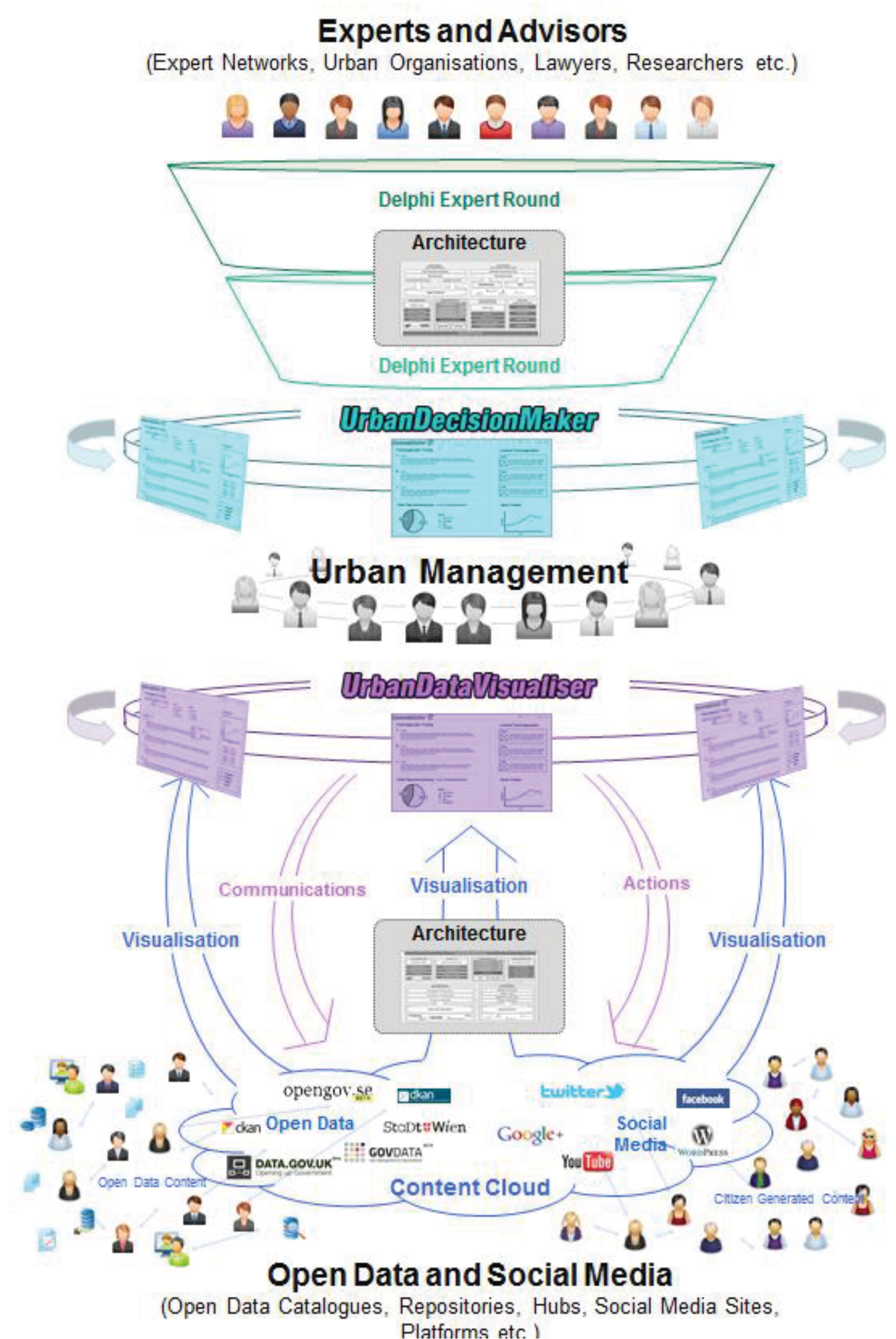
Mission

Extract and process information from two rich sources, namely public social media and open data libraries, and create impactful visualisations. This information, combined with advice from online expert panels, will support local governments towards a holistic, sustainable and well-founded decision-making process on specific urban challenges such as urban renewal, urban safety and security.

Concept

Building on the broad data pools in the form of social media content and open data sets, the **UrbanDataVisualiser** will aggregate, structure and visualise this data using a multi-layered and multi-dimensional approach. The framework will extensively use data mining, sentiment analysis and visualisation techniques and lead to the development of a proof-of-concept demonstrator to showcase the information using intuitive and clear dash-boards.

The **UrbanDecisionMaker** on the other hand will complement this bottom-up approach by integrating external experts and advisors using scientific multi-round expert integration methods and tools such as the Delphi method, a structured communication technique, developed as a systematic, interactive forecasting method which relies on a panel of experts.



Consortium



This project is supported by

City Partners:

- City of Copenhagen
- City of Manchester
- City of Oxford
- City of Bristol
- City of Helsingborg
- City of Malmö
- City of Vienna

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DURATION

26 months
 09/2014 - 10/2016