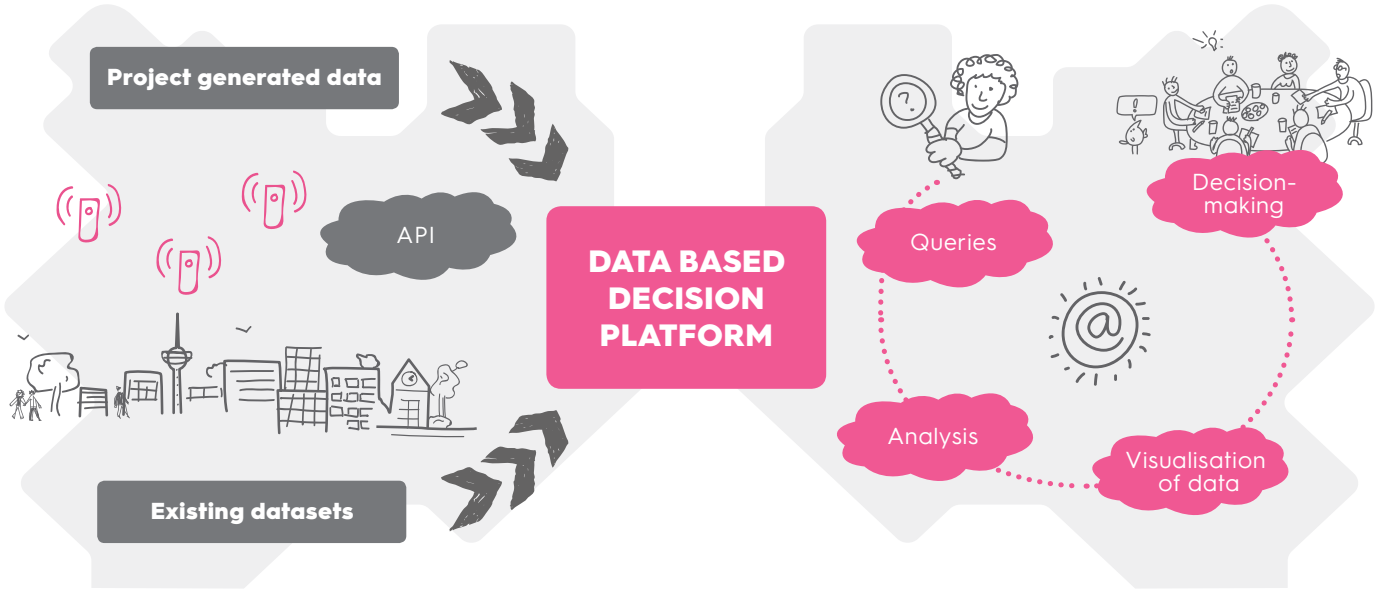
FACTSHEET G7

Smart open data Decision Platform & central management system

Glasgow | **Energy management and ICT**



The objective of this solution is to develop a platform that will allow for the sophisticated analysis, interrogation and visualisation of data (generated both within and outwith the project). This would provide a source of empirical data analyses to help support the development of decisions relating to policy, strategy and investment, as well as providing a source of information for organisations outside the Glasgow City Council.

Main partners involved:

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How does it work?

This solution includes the creation of a query based geo-spatial 'Data-Based Decision Platform' (DBDP) that will collect data related to city management (e.g. energy, air quality, traffic flow, etc.) and provide analysis of multiple data sets to enhance strategic planning in the city (including energy planning). Glasgow City Council will utilise the existing Open Data Platform and build DBDP around existing ICT infrastructure. This represents a technical challenge.

The platform will sit on the council's existing platform, gathering city management data. This data will be combined with existing datasets to provide insight into the impact of these smart city operations on services delivered by the council to enhance people's lives. Furthermore, through the monitoring of impacts, targeted interventions can be made in priority areas across the city.

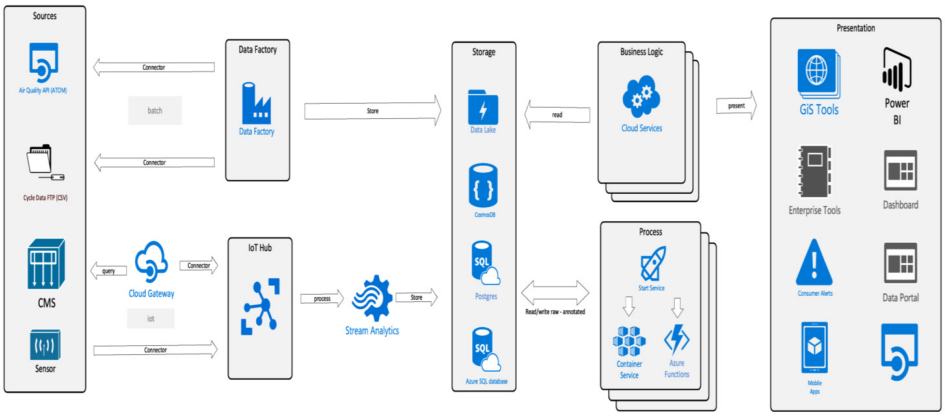
Estimated impacts

The solution should:

- Provide a means to understand the impact of smart city interventions through real-time visualisations.
- Provide a means to combine data from smart city interventions with static datasets within the council.
- Help non-data 'experts' explore the data – real time or otherwise – to help with city planning, stakeholder engagement, etc.

Replication potential

The creation of a DBDP will be an open system for other developments in the city. The platform upon which the tool is built is already at city scale so little further investment will be required.



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