

Data Visualisation Platform – www.manchester-i.com

ICT | Manchester, UK

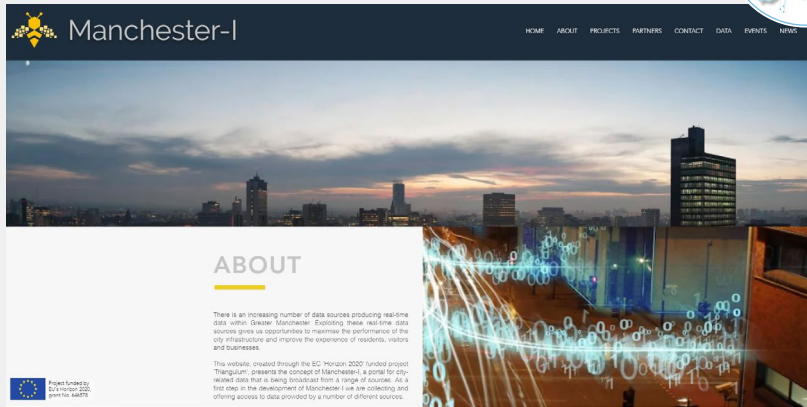


Photo source: University of Manchester

Manchester-i is the Triangulum portal for city related data, collecting and providing access to data from a number of sources. Developed by the University of Manchester, it uses open standards, and is hosted on www.manchester-i.com. The availability of open data can stimulate the creation of digital products and services that enhance people's lives. Data can also inform the long-term development of a city with planners able to better understand the constraints that result from the existing infrastructure. Visualisation tools created as part of the project allow users to bring the data to life using dashboards, virtual reality and augmented reality. Manchester-i will be incorporated in to the Manchester Urban Observatory. This is a UK-wide collaboration to measure and analyse urban environments. UoM received £1M funding from the UK Collaboratorium for Research in Infrastructure and Cities (UKCRIC), a network of interlinked urban infrastructure observatories across the UK. The data will be open access and equipment used available to other organisations. <https://www.urbanobservatory.manchester.ac.uk/>.

Measured Impacts

- 13** real time data feeds
- 4** organisational users
- 172** users
- 189** times data download

project scale

City level

development type

Technology


Lessons learned

- Open data – be clear about the source and to specify the reuse rights for datasets.
- End user involvement is an important
- Data demonstration needs positive user experiences to support stakeholder adoption.

Challenges

- Availability of data streams
- Data formats

Supporting factors

-  University of Manchester data expertise
infrastructural
-  Additional funding via Urban Observatory project
financial
-  City wide
geographical
-  Enables access to create economic, social and environmental value
social
-  University of Manchester
partners

Films

<https://youtu.be/AOBXCO-dbFY>

Contacts

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