

The background image is a high-angle, wide shot of a city street scene. On the left, there are several multi-story brick buildings, some with colorful murals. A curved tram line runs through the center of the image, with a white tram and a blue double-decker bus visible. To the right, there's a modern, multi-level parking structure with yellow railings. In the background, more city buildings are visible under a clear sky. A large, semi-transparent circular graphic is overlaid on the right side of the image, containing the event title.

OGC[®]

Making location count.

OGC CityGML Challenge

2019

The Challenge

- The sponsors would like to encourage configuring visualisation software tools to support CityGML, and making the resulting environment, including the Manchester data, available for a year for wider use and including for mobility and energy innovation.
- The expectation is that this visualisation will operate from a database representation of the City Model that conforms to the CityGML conceptual model, and will not be not dependent on any of the CityGML encodings.
- Additional data will be loaded or directly accessed from APIs.
- The assumption is that one or more web services will provide that data to visualisation clients in browsers, mobile devices, and augmented reality / virtual reality equipment.

Sponsors



Prize

- £5,000 prize money
- Solution showcased at OGC Technical Meetings and to form part of the Manchester Innovation Challenge

Key Dates

- 11 June - Challenge Launch at the OGC CityGML Hackathon
- 24 - 27th June - OGC TCPC, Leuven, Belgium
- 30 June - Manchester data will be available
- 16 July - Webinar for interested participants
- 1 October - All submissions must be complete
- 10 October - Demo event in Manchester - winner selected on this day
- 18 November - OGC TC/PC Meetings in France (winner to present in the Opening Plenary)
- 27-28 November - Manchester City Council launch of Innovation Challenge, for which the winner's visualisation will be a key resource.

Register your interest today!

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2019 CityGML Challenge

