

Fund for the City of New York Advances OGC's Underground Pilot Project



The Open Geospatial Consortium announces that the Fund for the City of New York (FCNY) has funded OGC to develop prototype data models for underground utility networks and for the soils that surround them. The goal is to ensure that underground utility data are collected in a manner that allows information about different utilities to be integrated and used interoperably. This will allow cities to create a coherent map of what is under the asphalt and will enable improved operations support, analysis, and modelling. The utility data models that are being developed through the OGC Innovation Program include water, sewer, gas, electric, telecommunications, district heating, and transit.

FCNY President, Dr. Mary McCormick, stated that the development of standardised underground infrastructure and soils data models will make it possible for information from

many sources to be brought together for valuable uses that will improve the lives of people everywhere.

Alan Leidner, Director of the Fund's Center for Geospatial Innovation expects that the integration of underground data will make it possible to address a wide variety of infrastructure challenges and opportunities related to excavation, large scale development, emergency response, and disaster planning.

Data model development builds on earlier work of OGC and the Fund in collaboration with countries and cities around the world, as documented in the OGC Underground Infrastructure Concept Study Engineering Report. This effort is critical to launching the OGC's Underground Infrastructure Pilot Project. The pilot will create, test, and validate a reusable, standards-based underground information architecture that will enable cities to rapidly advance their smart underground projects. The pilot's process will be based on previous successful OGC pilots in the domains of defense and intelligence, civilian aviation, and sensor web enablement. The pilot will define a reusable, validated architecture, along with return on investment models for cities to use in their next-generation underground infrastructure mapping and modelling projects.

A Call For Sponsors for the Pilot was issued on 4 September 2017. A Call For Participants looking to build solutions around the requirements outlined by the sponsors will be announced after approval by the organizations sponsoring the Pilot.

If you want an innovative solution to your organisation's underground data problem, OGC urges you to [contact Scott Serich](#), director of the Underground Pilot.