



EFGS
European Forum for
Geography and Statistics
DUBLIN 2017

Building City Dashboards - The Cork Dashboard

Author: Stephanie Keogh

Organisation: Maynooth University

Abstract

The Cork dashboard, launched in October 2017, is an online data dashboard hosting a suite of newly-developed and existing data visualisations and interactive maps for the geographical and administrative areas of Cork City and Cork County Councils. The dashboard was developed by researchers on the Building City Dashboards project (funded by Science Foundation Ireland) based at National Centre for Geocomputation in Maynooth University in conjunction with Cork Smart Gateway.

Data partners and providers for the Cork Dashboard include the two Cork local authorities, the Central Statistics Office, Ordnance Survey Ireland, the Environmental Protection Agency, the Office of Public Works, Transport Infrastructure Ireland, Met Eireann, the All-Island Research Observatory, the National Transport Authority, the Department of Housing, Planning, Community and Local Government, and the Irish Nurses and Midwives Organisation.

The dashboard presents official statistics and indicators relating to industry and employment, environment and transport, housing, population, health and education and crime and emergency services. Where data is available these visualisations are updated on a monthly, quarterly and annual basis, or every census.

Additional interactive tools include a) real-time traffic and travel maps showing available car spaces and bikes and traffic camera feeds, b) real-time environmental data including water levels, air quality and weather and c) up-to-date planning applications maps via MyPlan. The presentation will involve a live demonstration of the Cork Dashboard and its real-time features, whilst outlining some fundamental development challenges related to building more extensive, accessible city dashboards.