

# BRISTOL CITY COUNCIL

Sharing public policy initiatives

customer story



Bristol is the fastest growing city in the United Kingdom and boasts a unique vision of urban sustainability. The city topped the 2017 UK Smart Cities Index<sup>1</sup> and is a pioneer in innovative solutions for public services such as energy and waste management.

## THE CHALLENGE

In tune with the growing demands of urban environments, Bristol constantly strives to improve the city's resilience and empower its residents. The council needed a tool that could:

**Successfully engage stakeholders** and residents alike in decision-making and public policy evaluation processes.

**Rationalize public policy choices** to comply with national and EU regulations.

Allow Bristol to share relevant data with businesses of all sizes in order to **support the local ecosystem**.

## THE SOLUTION

Bristol aims to improve its resilience and welcomes opportunities to exchange best practices with internal stakeholders and peer cities. In line with this ambition, Bristol turned to Opendatasoft to upgrade its existing open data portal.



### CENTRALIZED DATA

Static and real-time data is easily centralized and made available in one hub to save time for both users and internal teams.



### CUSTOMIZED DASHBOARDS

Bristol can build trust among its residents by giving them access to the data that has the highest impact on their everyday life.



### ACCESS RIGHTS MANAGEMENT

The council can enhance its governance practices by managing permission and access rights for council members and key stakeholders.

1. UK Smart Cities Index 2017 - *Assessment of Strategy and Execution for the UK's leading Smart Cities*. Commissioned by Huawei from Navigant Consulting, Inc.

find out more at [www.opendatasoft.com](http://www.opendatasoft.com)

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## BENEFITS AND KEY RESULTS

Bristol chose to build its portal using the Opendatasoft technology. This partnership enabled Bristol to:

**BUILD A USER-FRIENDLY DATA PUBLISHING AND MANAGEMENT PORTAL**  
designed for data novices and experts alike.



**PROVIDE A OPEN DATA PORTAL**  
through which visitors can find, visualize and use relevant data easily.



**INVOLVE LOCAL OPEN DATA AND IOT COMMUNITY**  
by capitalizing on Opendatasoft's expertise during data jams and hackathons.



## A FOCUS ON

### BRISTOL'S AIR QUALITY DASHBOARD

#### CHALLENGE

The UK struggles to comply with EU standards on air quality. As a result, Bristol needs to implement measures, such as restricting traffic in certain areas of the city.

#### SOLUTION

Bristol developed a dashboard to monitor real-time air quality using the custom content page feature. The dashboard allows the council to support its actions by facts, inform its residents and engage them in the process.

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*The Opendatasoft team is particularly responsive! I'm not a technical data person but whenever I drop them a line I get a response very quickly. I've had a lot of similar feedback from people within the council. With Opendatasoft, you do not only get a quality product, but you also get a quality after sale service. That's key for me. That's the robustness, the power behind the product.*

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Marius Jennings, Project Manager Open Data at the Bristol City Council

#### KEY BENEFIT

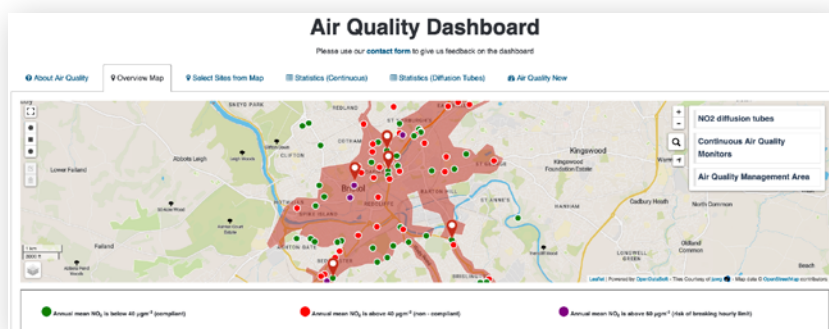
With the Opendatasoft platform, which the council can easily manage autonomously, levels of harmful pollutants are clearly visualized, shared and analyzed.

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*We wanted to be able to provide information on air quality in an open format that anyone could query, and that is as transparent as possible [...] A platform that not only allows you to dig in at a high level of detail, but that you can also visualize in a way that is accessible to the vast majority of people. And, this model is replicable to any urban indicator!*

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Steve Crawshaw, Program Coordinator for Air Environment at the Bristol City Council



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