

Breathe Heathrow

Service



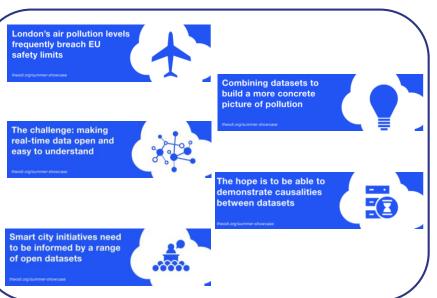
URL <u>http://theodi</u>		i.org/summer-showcase-breathe-heathrow	
Qu	ick facts		
0	Company:	Breathe Heathrow	
٨	Sector:	Health	
0	Product / service:	Service	
٨	Type of data:	Health and Environment	
Ø	Origin:	United Kingdom	

Benefits

- Allow local residents, local government, and central government, to better understand the impact a major airport has on its surroundings.
- Directly informing the ongoing debate in the UK on the ø expansion of the airports around London.

How Open Data is used

- Sensors are collecting data on various environmental parameters. This 1 data is opened up by OpenSensors, and fed a dashboard created by Breathe Heathrow, allowing users to see graphs and real-time pollution dials for every sensor.
- The datasets collected from the sensors are then combined with +data on various other topics, for example flights, weather and local traffic, to demonstrate causality.



Future plans

- Deploying a greater number of sensors to provide a more granular ø representation and including more secondary datasets upon which to correlate.
- Encourage others to use this open methodology and build a ø community of best practice in air quality sensing.
- Help replicating this project in other cities. 1

