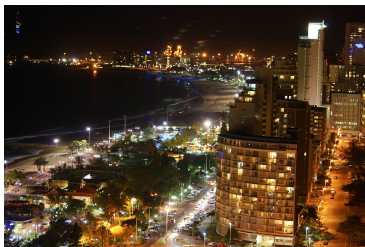


How can eThekweni Municipality use open data to better connect government to citizens?

Enter: challenge.responsivecitieschallenge.org.za | **Deadline:** 21 October 2016

Local partner: Open Data Durban | **Email:** info@opendata.durban



Opportunity: Top 3 entries will win cash awards between R1,000 and R10,000; and will be eligible for national award of R50,000.

Maturity: Concepts, wireframes, prototypes and near commercial proposals.

Eligibility: Startups, designers, journalists, small enterprises, researchers and individuals based in South Africa looking to implement a solution in eThekweni.

Challenge Question

How can eThekweni Municipality use open data to better connect government to citizens? Specific themes include:

- How can citizen participation in governance at Municipal level be effective?
- How can resilience be strengthened by proactively allocating appropriate resources to vulnerable areas & population groups so that the effects of natural and manmade disasters can be minimised?
- How can infrastructure be developed to meet future needs of citizens & business?
- How can eThekweni's economy become catalytic and transformative so as to boost business and increase labour absorption?
- How can a learning society be supported through providing accessible education/ training so that the gap between skills in demand and the supply of these skills can be effectively closed?

In your entry, focus on **ONE** of these key questions.

Process

- Meetup will be taking place on **13 Sept 2016** at **The Green Door, 298 Cato Road, Glenwood, Durban** ([map](#)). Register here: <http://www.meetup.com/Open-Data-Durban-Meetup/events/234410865/>
- Submit initial proposal online by 21 October.
- Finalist workshop 7-13 October
- Winners announced by 25 November

Data Links

Core data set(s):

The core dataset for this challenge are related to the city's current development plans

- eThekweni Municipality Integrated Development Plan:
http://www.durban.gov.za/City_Government/City_Vision/IDP/Documents/Final%202016_17%20IDP%2029052016.pdf (For a quick overview, read pages 10 – 15 and the city's Medium Term Strategic Framework).

Possible related data set(s) and tools:

- Wazimap: <https://wazimap.co.za>
- eThekweni Municipality Maps and GIS: http://gis.durban.gov.za/gis_Website/internetsite/#top
- eThekweni Municipality Budget Reports:
http://www.durban.gov.za/Resource_Centre/reports/Budget/Pages/default.aspx
- eThekweni Municipality Council Minutes and Decisions:
http://www.durban.gov.za/Online_Tools/Pages/Minutes_Agendas.aspx

Examples of data and citizen information tools currently on durban.gov.za:

- eThekweni Municipality Beach Water Quality Tool:
http://www.durban.gov.za/Online_Tools/Pages/Beach_Water_Quality.aspx
- Fresh Produce Price Reporting Dataset:
http://www.durban.gov.za/Online_Tools/Pages/Fresh_Produce_Price_Reporting.aspx
- Durban Solar Map: http://www.durban.gov.za/City_Services/energyoffice/Pages/Solar-Map.aspx
- Durban Solar Financial Model:
http://www.durban.gov.za/City_Services/energyoffice/Pages/Durban-Solar-Financial-Model.aspx
- Quality of Rivers:
http://www.durban.gov.za/City_Services/water_sanitation/Water_Quality/Pages/Quality_Of_Rivers.aspx
- Durban Parks, Recreation and Libraries:
http://www.durban.gov.za/City_Services/ParksRecreation/Pages/default.aspx
- eThekweni Transport Authority Schedules and Routes:
http://www.durban.gov.za/City_Services/ethekweni_transport_authority/Pages/Schedule-and-Routes-.aspx
- KZN Department of Education (education is a provincial mandate):
<http://www.kzneducation.gov.za/>

Background

eThekweni is the largest City in KwaZulu-Natal and the third largest city in the country. It is a sophisticated cosmopolitan city of over 3 442 398 people (as per 2011 Census). It is known as the home of Africa's best-managed, busiest port and is also a major centre of tourism because of the city's warm subtropical climate and extensive beaches.



The Vision of the municipality is as follows:

By 2030 eThekweni Municipality will enjoy the reputation of being Africa's most caring and liveable City, where all citizens live in harmony.

The city's core values are:

- Sustainability
- Economically successful city
- Caring city
- Smart city
- Poverty reduction and a democratic & equal city

In order to achieve the vision and realise these core values, the municipality is consistently seeking better ways to connect government to citizens to build a resilient, inclusive and smart city. Key areas of focus can be seen in the five thematic challenge questions, including citizen participation in governance, environmental resilience, development of the economy through infrastructure and innovation, and education.

To start addressing the social and economic challenges of the city, and to encourage a more active citizenry, the eThekweni Municipality is interested in bringing together ICT developers, entrepreneurs and innovators, consultants, academics and students, and journalists into a more connected community supporting skills development around problem solving, especially using innovation techniques in data science and web/app development. We're interested in understanding how open data, big data, IoT (internet of things), and other emerging technology can make our city more responsive. Prospective participants in the Responsive Cities Challenge are encouraged to develop solutions that can address these themes using innovation, to ultimately bring citizens and government closer together.

TO RESPOND TO THIS CHALLENGE, PLEASE ENTER ONLINE

challenge.responsivecities.org.za

