

The ONE MINUTE READ Series – Introducing Smart Cities

Week 1 - Lessons from Rio de Janeiro, Brazil

8th July 2019 | Tay Kok-Chin, Chairman, Smart Cities Network

Rio de Janeiro (in Brazil) was a pioneer in the development of Smart and Sustainable Cities, led by Mayor Eduardo Paes. He gave an excellent TED Talk in 2012 on the 4 Commandments of Cities which are important lessons for cities of the future.

https://www.ted.com/talks/eduardo_paes_the_4_commandments_of_cities?language=en

The video is about 12 minutes long, but it is worth listening. However, here's the ONE MINUTE READ.

1) A City of the Future has to be **environmentally friendly**.

Find open spaces. The temperature of the city will drop 2 to 3 degrees centigrade.

2) A City of the Future has to deal with **mobility and integration of its people**.

Rio moved from 18% to 63% of its population to use public transport.

3) A City of the Future has to be **socially integrated**.

Rio had 6.3million inhabitants, with more than 20% (1.4million) living in favelas (slums). Move in basic services (education and health of high quality) and infrastructure into the favelas.

4) A City of the Future has to use **technology** to be present.

IBM assisted Rio to implement their City Operations Centre, with video and IOT Integration.

- 5) Lessons for Singapore too – Smart Nation announced at the National Day Rally in 2014 when the Prime Minister showed the Rio de Janeiro Ops Centre.

