

Africa: Bridging the digital divide

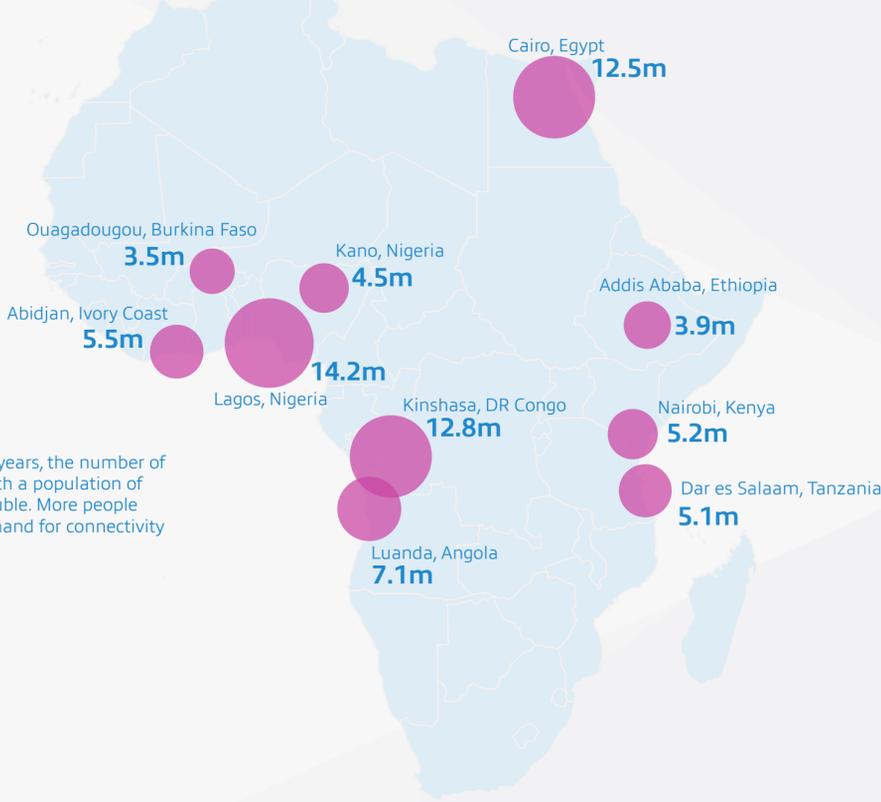
Africa is the world's second-largest and second most populous continent, so how do we make sure remote areas have the connectivity they need?

About Africa - population



Africa has around 1 billion people, or 15% of the world's population

Projected population of Africa in 2020



Over the next 20 years, the number of cities in Africa with a population of over 10m will double. More people means more demand for connectivity

About Africa - land area



Africa represents 20.4% of the Earth's total land area, or 30.2 million km²

Africa's true size



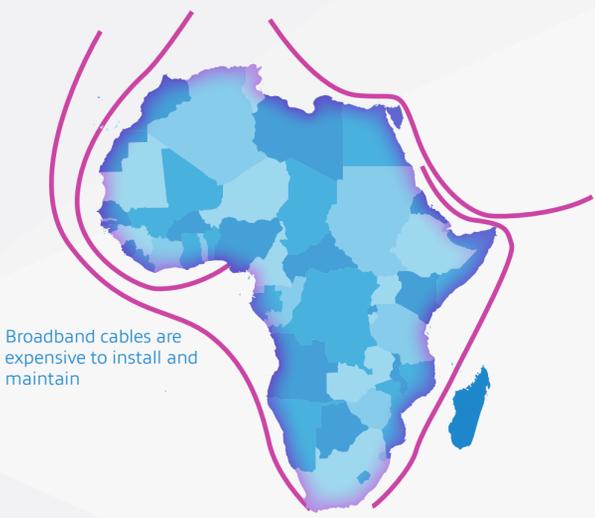
Exact area data of countries that, when combined, equal the area of Africa

| Country | Area x 1000 km ² |
|------------------|-----------------------------|
| China | 9,597 |
| USA | 9,629 |
| India | 3,287 |
| Mexico | 1,964 |
| Peru | 1,285 |
| France | 633 |
| Spain | 506 |
| Papua New Guinea | 462 |
| Sweden | 441 |
| Japan | 378 |
| Germany | 357 |
| Norway | 524 |
| Italy | 301 |
| New Zealand | 270 |
| United Kingdom | 243 |
| Nepal | 147 |
| Bangladesh | 144 |
| Greece | 132 |
| Total | 30,102 |
| Africa | 30,221 |

About Africa - connections

Africa's primary form of internet access is provided by broadband cables installed under the sea, but these mainly supply major cities

Broadband cables in Africa



African population internet access



400 million people on the continent have no internet access at all



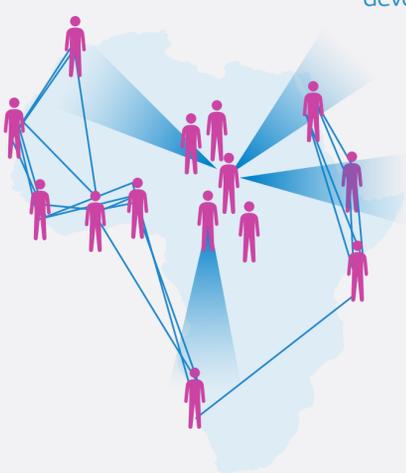
As the populations of major cities increases, so too will demand for a more advanced internet service

Connection failed - satellite solution

Satellites help to bridge the digital divide and provide connectivity in remote parts of Africa (e.g. through fast, reliable two-way satellite broadband services).

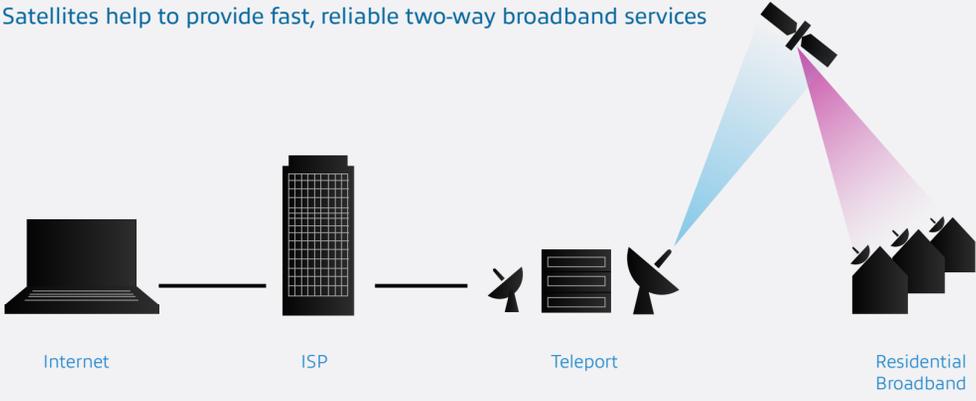
The economic impact of getting connected

10% more broadband = 1.38% increase in GDP for developing nations



Satellite also has the advantage of reach, providing an efficient way of connecting the majority of the 700 million unconnected or poorly connected people

Satellites help to provide fast, reliable two-way broadband services



Rural homes and offices that are unable to access high-speed cable broadband can be connected to the internet via satellite

The faster, more reliable will also benefit the major cities as their populations increase.

Sources:
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