

Africa

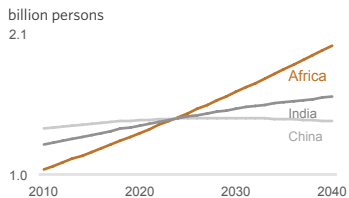
A higher economic growth case for Africa leads to more industrial sector energy use.

As of 2015...

 **8th largest regional energy consumer**
(23 quadrillion Btu)

 **6th largest regional GDP**
(measured in Purchasing Power Parity (PPP))

 **4th largest regional population**
(projected to be the largest in all cases)



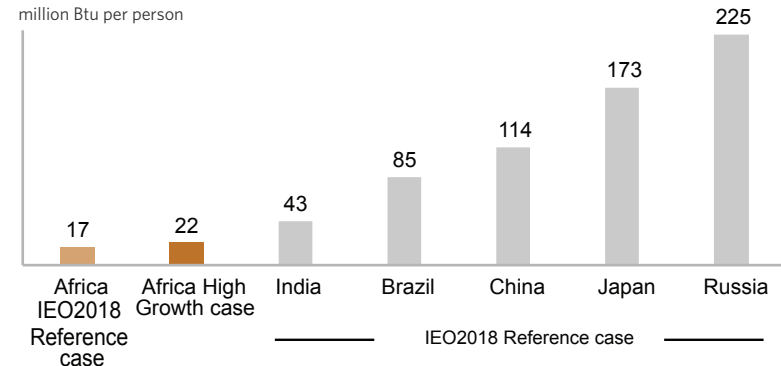
EIA tested a case with higher economic growth

GDP (gross domestic product)



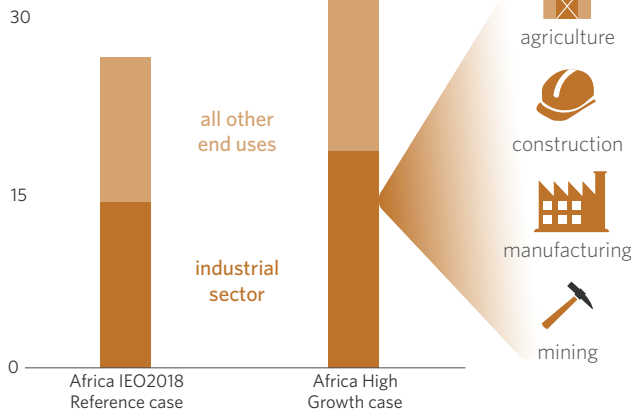
In this test case, 2040 GDP increases from US \$14 trillion to \$18 trillion PPP, which is slightly more than one-third of China's GDP.

Case study



Industrial sector

quadrillion Btu



Manufacturing

African manufacturing is currently **16%** of the economy, which is lower than India (33%) and China (51%).

With higher economic growth, African manufacturing increases from **19%** to **24%** of the economy in 2040.