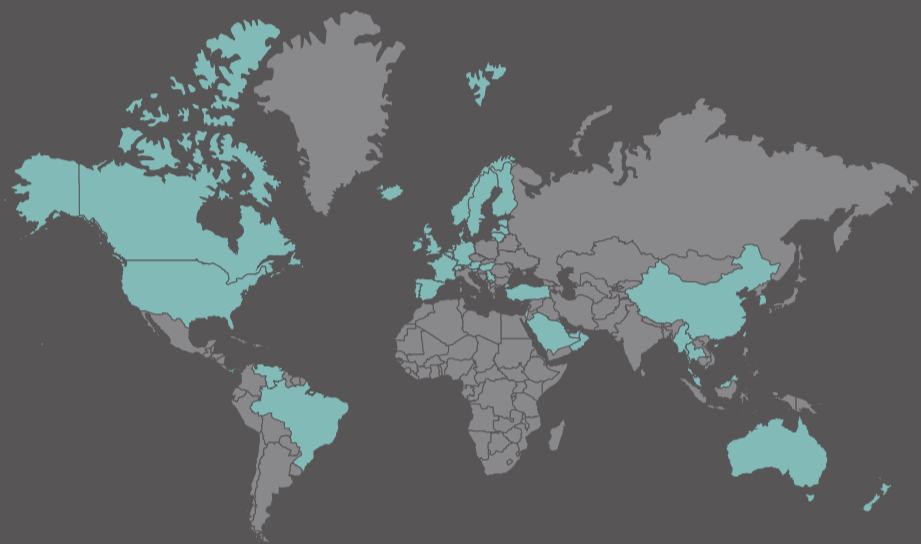


SMARTPHONES AND COVERAGE DRIVING MOBILE BROADBAND ADOPTION

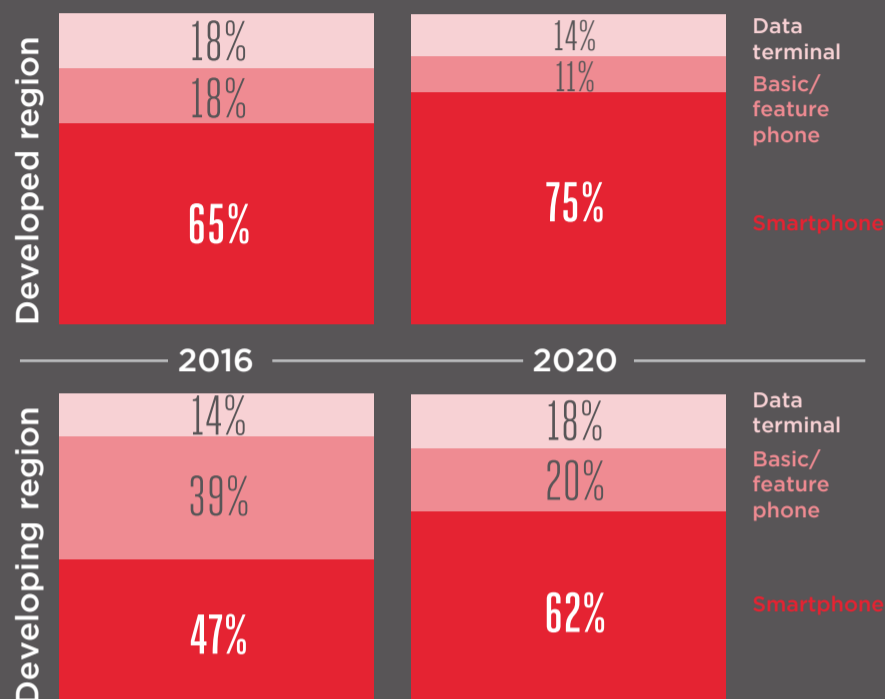
Smartphone adoption as % of total connections, 2016

3.8bn or **half** of all connections (excluding M2M) globally were smartphones by the end of 2016



Smartphone markets in **66** of **218** countries have reached maturity (adoption above 60% of connections)

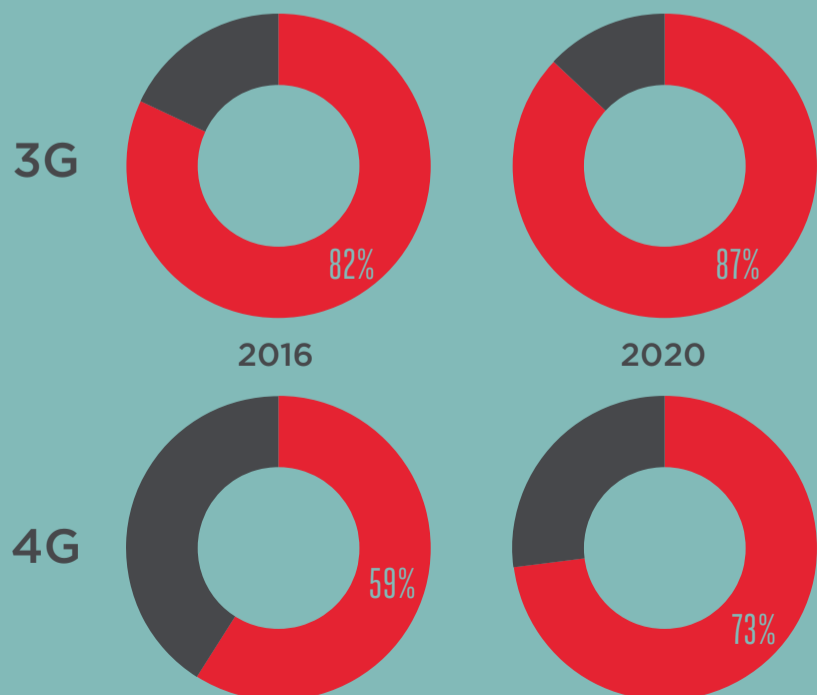
Connections by device type



1.6 billion more smartphone connections will be added in the developing world between 2016 and 2020

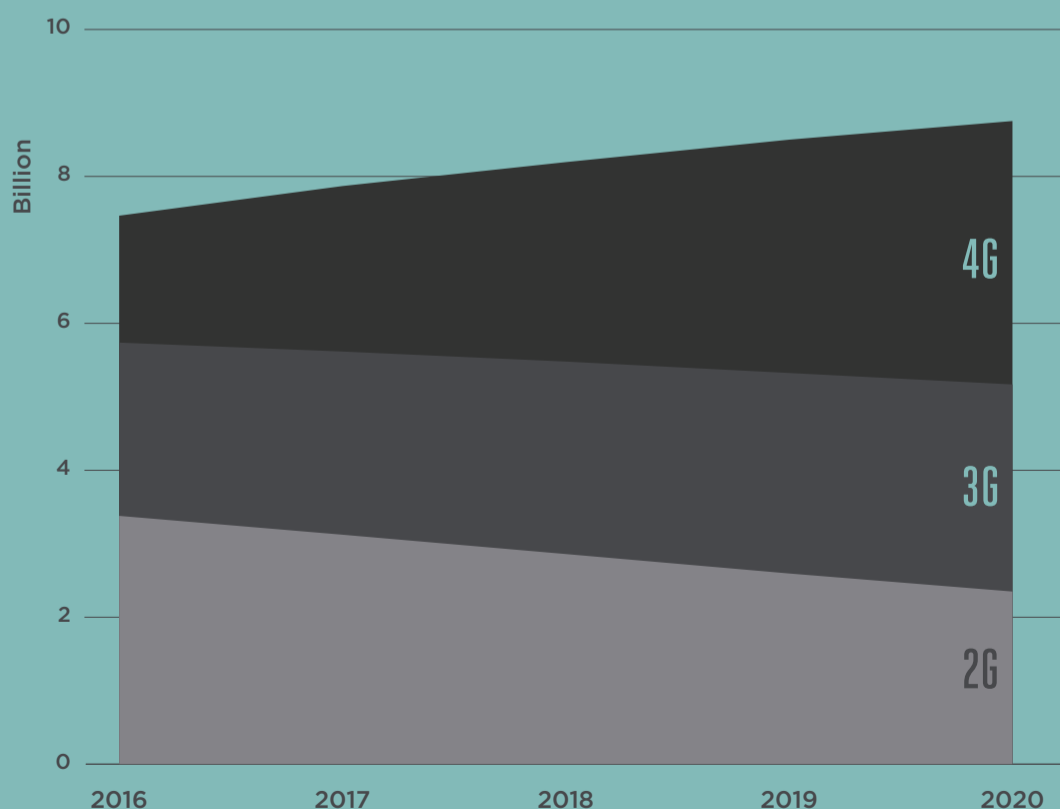
Network coverage as % of global population

An additional **1.3 billion** people will be covered by 4G networks between 2016 and 2020



7 in every 8 people worldwide will be covered by 3G networks by 2020, while almost three quarters will have 4G coverage

Global connections by network technology (excluding M2M)



Mobile broadband will account for nearly three quarters of global mobile connections by 2020