

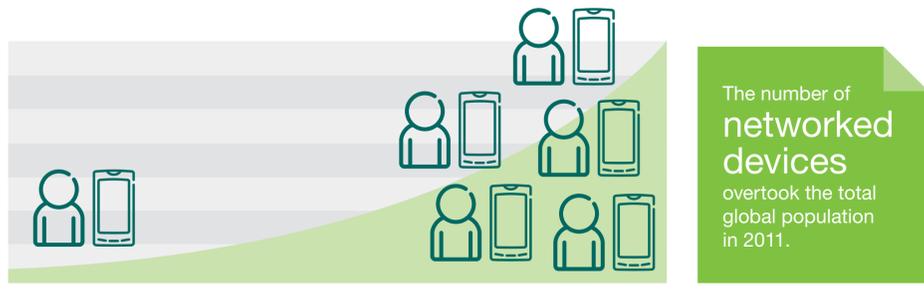
HOW ICT IS CHANGING THE CLASSROOM

We are on the brink of a fundamental shift in society. As we journey towards the Networked Society we are unlocking the full potential of learning and education. Students and progressive teachers, empowered by technology, are turning established models on their heads while new skills and educational platforms are redefining our systems and institutions.

Read the report at: www.ericsson.com/networkedsociety/education

Tools of the trade

STUDENTS ARE INCREASINGLY BRINGING THEIR OWN SMART DEVICES INTO THE CLASSROOM



Source: Broadband Commission, State of Broadband Report, 2012

Critical infrastructure

CONNECTIVITY AND NETWORK-BASED SOLUTIONS HAVE BECOME ESSENTIAL INFRASTRUCTURE FOR SCHOOLS



Source: Ericsson Traffic and Market Report, 2012

Virtual work space

CONNECTIVITY IS MAKING THE SCHOOL DESK AS WE KNOW IT OBSOLETE

Ericsson is collaborating with Coventry University in the UK to make it possible for teachers to give **live lessons** to up to a half-million students **online**. From their smartphones, students can listen and interact with the lecturer and tutors who are also online.



Ways of learning

EDUCATIONAL ECOSYSTEMS ARE HELPING TO ADAPT THE SCIENCE OF LEARNING TO THE INDIVIDUAL NEEDS OF STUDENTS

Platforms such as **edX** and **Coursera** are bringing top-tier universities, such as Princeton, Stanford and Columbia, together to offer free and interactive courses for the web.



50 YEARS AGO WE WERE A POOR COUNTRY. TODAY WE ARE THE 14TH LARGEST ECONOMY IN THE WORLD. EDUCATION IS WHAT TRANSFORMED OUR COUNTRY.

Ambassador Young Shim Dho, UNWTO, South Korea

SOUTH KOREA

Source: Networked Society Forum, 2011

The role of the teacher

TEACHERS ARE GOING FROM "SAGE ON THE STAGE" TO "GUIDE BY THE SIDE"



Wikipedia has **22 million** articles in **285** languages

Google has scanned and digitized more than **130 million** printed books

The **Hole-in-the-Wall** project in India teaches students how to learn with minimal intervention from teachers through exploration, discovery and peer coaching.

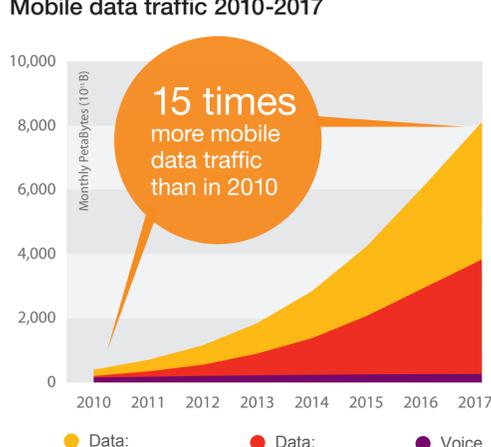
Skills and knowledge

IN OUR RAPIDLY CHANGING WORLD CRITICAL AND ANALYTICAL THINKING AND A PASSION FOR CONSTANT LEARNING ARE BECOMING MORE IMPORTANT

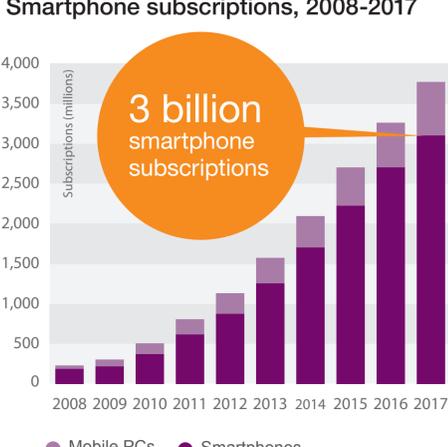
Digital natives have grown up in a world of computers, mobile phones and the internet – experiences that have shaped, and continue to shape, their behavior. By 2020 they will total about 3.5 billion and comprise about 50 percent of the global population.



Mobile data traffic 2010-2017



Smartphone subscriptions, 2008-2017



Source: Ericsson Traffic and Market Report, 2012