



# The Siemens vision

Bas van Dijk & Cobus Oosthuizen – October 2017







# 2007 was a big year



# UGS

*Transforming the  
process of innovation*

Siemens PLM Software

# SIEMENS

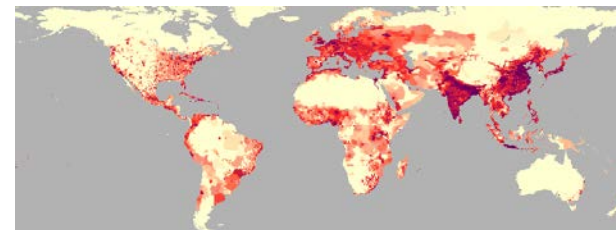
# Global drivers of change

**Urbanisation**



**Climate Change**

**Demographic factors**

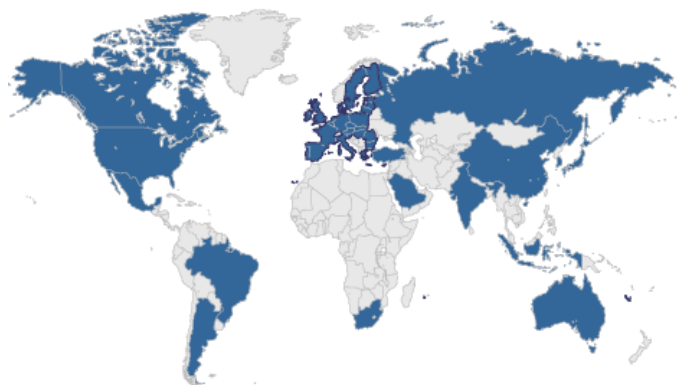


**Globalisation**

## Global skills shortage

All **G20 countries** identify **skills development** as a **strategic objective**.

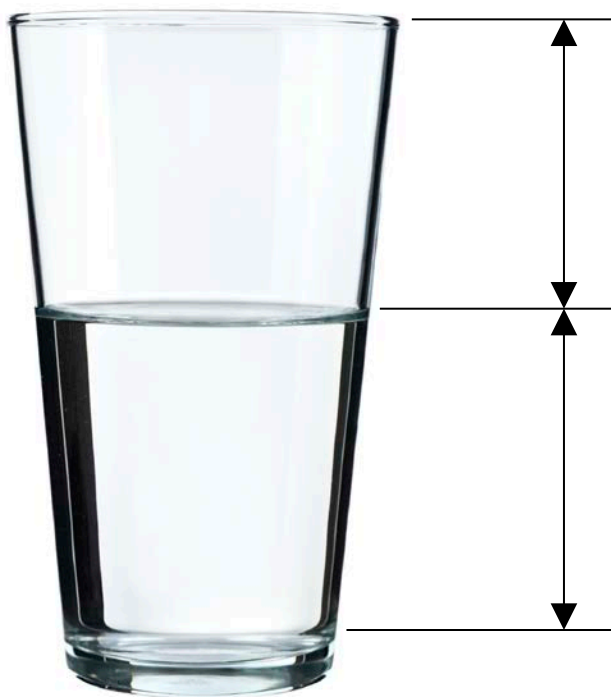
Economic growth will depend on the productivity of the workforce.



Building the right skills can help countries improve economic prosperity and social cohesion



The Organisation for Economic Co-operation and Development)



“We often miss opportunity  
because it’s dressed in overalls  
and looks like hard work”

Thomas A. Edison



# Why Siemens?

The ones who are crazy enough to think they can change the world, are the ones who do.  
Steve Jobs.



Siemens is an engineering company.

## Vision 2020

“we make what matters”

including the next generation of engineers

> €20M  
annual donations to education.



The triple bottom line is a core business strategy

**348,000**  
employees

**make a difference,  
change the world.**

**Siemens  
ownership  
culture**

## Why now?

**Digitalisation is transforming business models everywhere.**

Entire markets can disappear with a single innovation -




**“industry standard” today is already being superseded with 21<sup>st</sup> century technology**



## Our objectives

### A sustainable future

- Innovation driven economy
- Increasing levels of technological literacy
- Life-long learning
- Ingenuity for life 

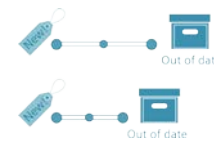
#### Increased efficiency



**1/4**

Industry is responsible for 1/4 of the energy used worldwide

#### Shorter time to market



**25%**

Product lifecycle has dropped 25% in last 15 years

#### Enhanced flexibility



**x 2**

Over last 15 years, the range of products has doubled

### Partnership with education

- Supporting STEM subjects
- Supporting project-based learning
- Workforce development



## Industry / academia engagement

### Siemens Centre of Knowledge Interchange (CKI)

- Partnership and collaboration with Universities
- Industry specific
- Multi-million investment, annually

### Siemens mentors

- All Siemens employees actively encouraged to engage with schools
  - Paid time off work

### Siemens supports education

- Nelson Mandela School of Science and Technology







THANK YOU