

AFRICA ARISE...  
...OUR TIME IS  
NOW

Julius Kipngetich



*"I know this is the dream we have for Africa.  
An Africa free of poverty.  
An empowered Africa. Those of us who understand,  
who feel strongly, must not tire.  
We must persist. The burden is on those who know.  
We are the ones who must take action".  
Professor Wangari Maathai*

SIZE

# The True Size of Africa

A visual contribution to the fight against rampant misperceptions by Kai Krause

Graphic layout for visualization only (some countries are cut and colored)  
But the conclusions are very accurate, refer to table below for exact data

COUNTRY	AREA in 1000 sq
China	9,600
USA	9,629
India	3,287
Mexico	1,964
Peru	1,281
France	640
Spain	505
Papua New Guinea	462
Sweden	451
Japan	378
Germany	357
Norway	324
Italy	301
New Zealand	270
United Kingdom	243
Nepal	147
Saengpotech	144
Greece	132
<b>TOTAL</b>	<b>30,102</b>
<b>AFRICA</b>	<b>30,221</b>

In addition to the well known social issues of literacy and misperception, there also should be such a concept as "misgeography", meaning insufficient geographical knowledge.

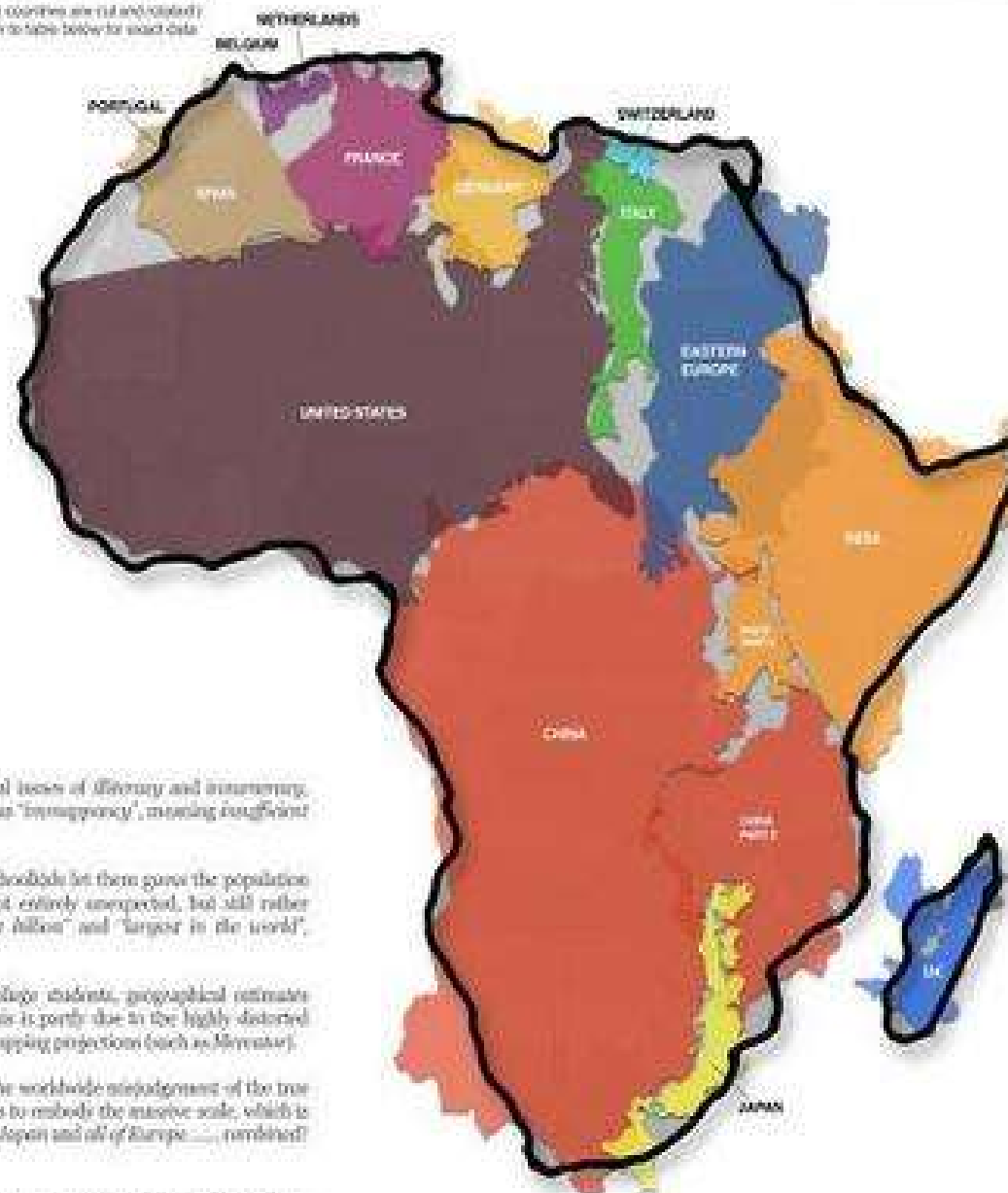
A survey with random American schoolkids let them guess the population and land area of their country. Not entirely unexpected, but still rather surprising, the majority chose "1.2 billion" and "largest in the world", respectively.

Even with Asian and European college students, geographical estimates were often off by factors of 2-3. This is partly due to the highly distorted nature of the predominantly used mapping projection (such as Mercator).

A particularly extreme example is the worldwide misjudgment of the true size of Africa. This single image tries to embody the massive scale, which is larger than the USA, China, India, Japan and all of Europe ... combined!

## Top 100 Countries

Area in square kilometers, Population in millions (2013)  
Source: Wikipedia, updated 2013

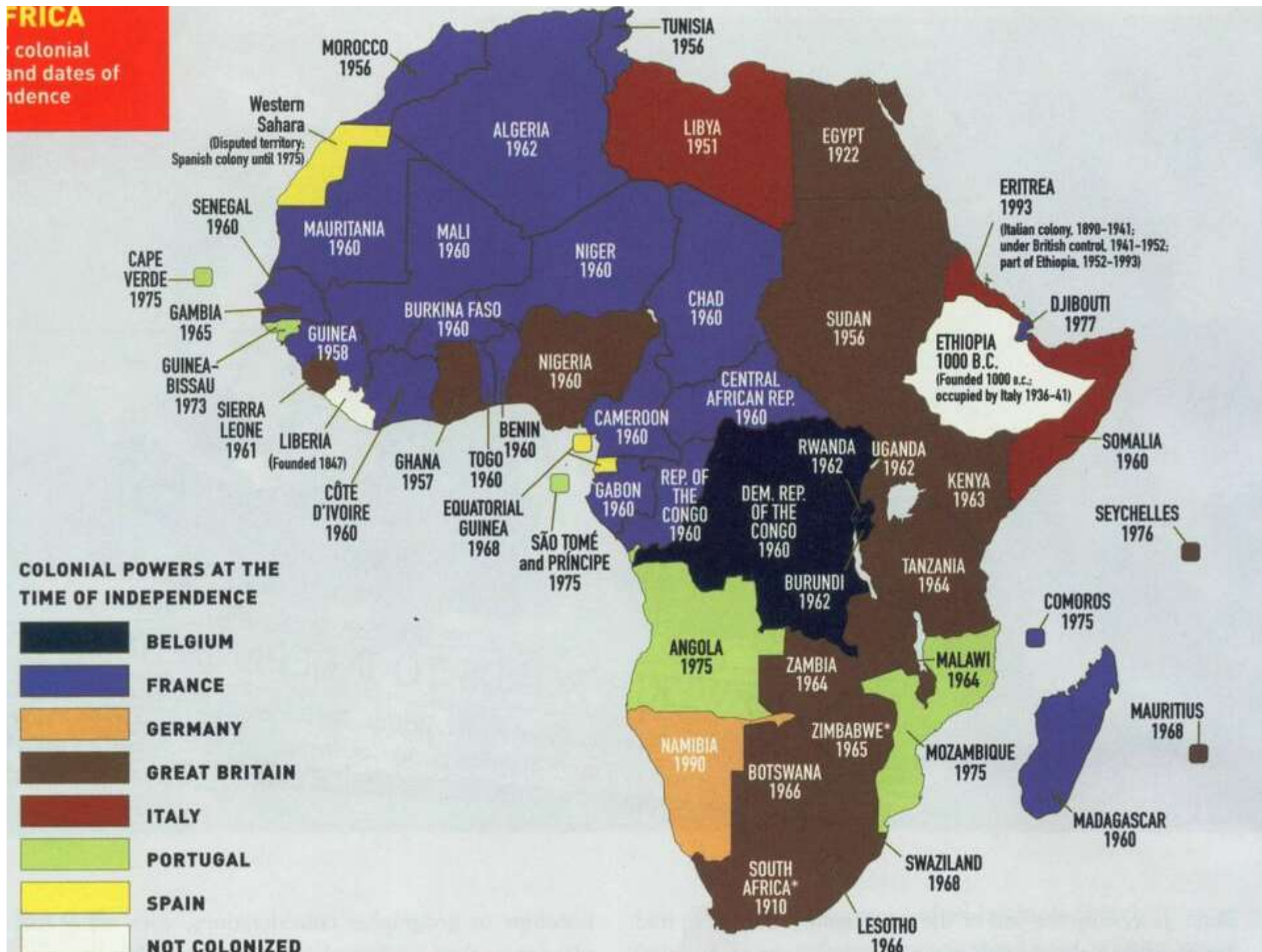


Rank	Country	Area (sq km)	Pop. (mill.)
1	Russia	17,098,242	142.8
2	Canada	9,984,670	33.5
3	China	9,600,000	1,368.2
4	United States	9,629,000	312.8
5	Brazil	8,511,965	207.1
6	France	640,800	65.9
7	India	3,287,263	1,210.4
8	Germany	357,021	82.7
9	United Kingdom	243,610	61.0
10	Italy	301,330	60.7
11	Spain	505,992	45.9
12	Sweden	451,460	9.5
13	Poland	312,685	38.1
14	Japan	377,915	127.3
15	South Korea	100,431	47.9
16	Belgium	305,286	10.5
17	Netherlands	162,770	16.5
18	Portugal	92,090	10.6
19	Switzerland	41,284	7.5
20	Austria	83,858	8.5
21	Denmark	43,094	5.5
22	Finland	143,903	5.3
23	Norway	385,203	4.8
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99	South Korea	100,431	47.9
100	Belgium	305,286	10.5



# AFRICA

Colonial powers and dates of independence







# **THIS IS AFRICA!**

## **ONE BILLION PEOPLE**

**more  
mobile  
users than  
the US &  
Europe**



more than 2,100 languages

**70%** of africans are **under 25**

**5M** university **graduates every year**

**54** countries **7%** average GDP **growth for**  
the next

**7/10** **20 YEARS**

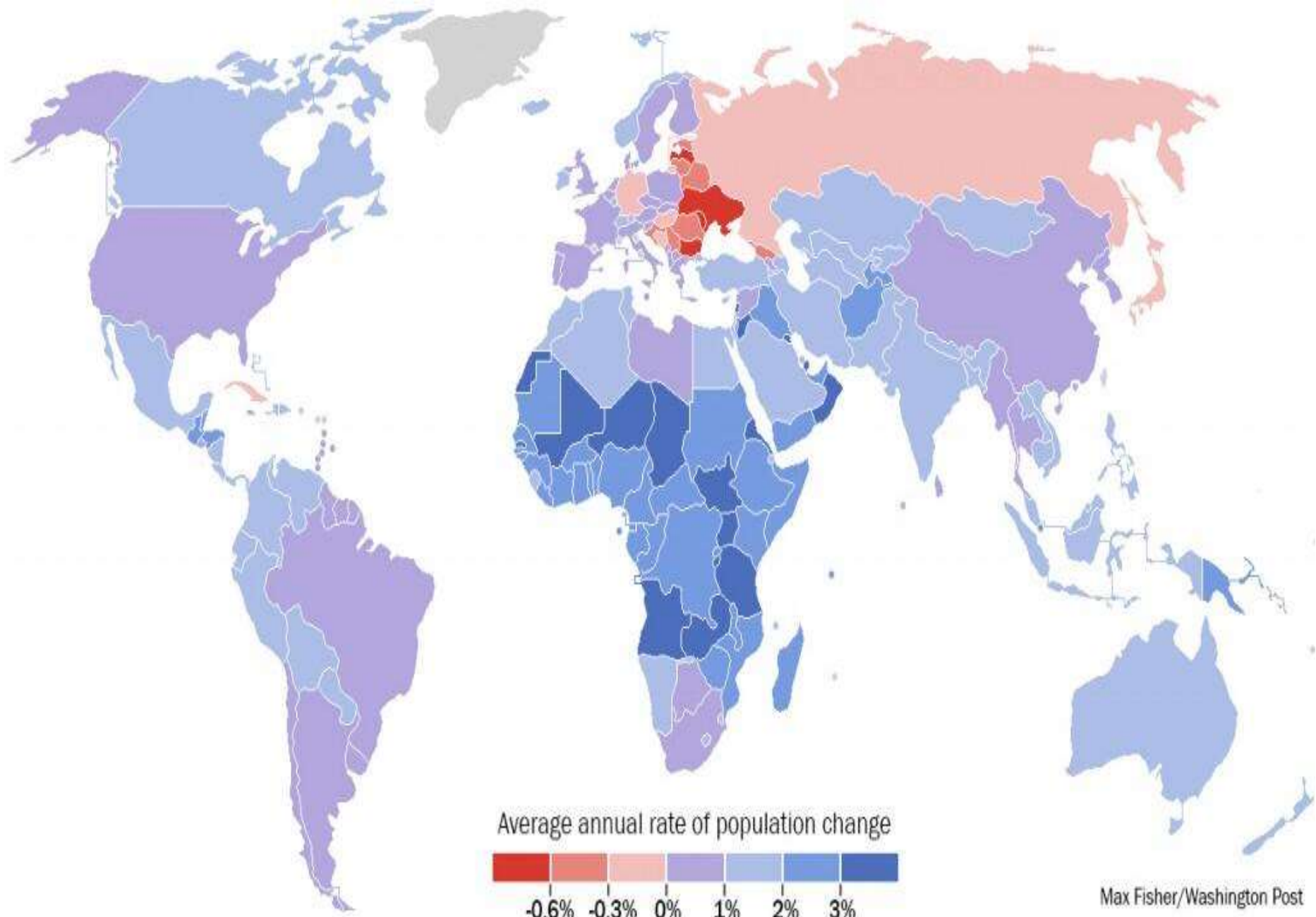
**fastest  
growing  
economies  
by 2015**



**100+ million  
monthly  
active people  
on Facebook**

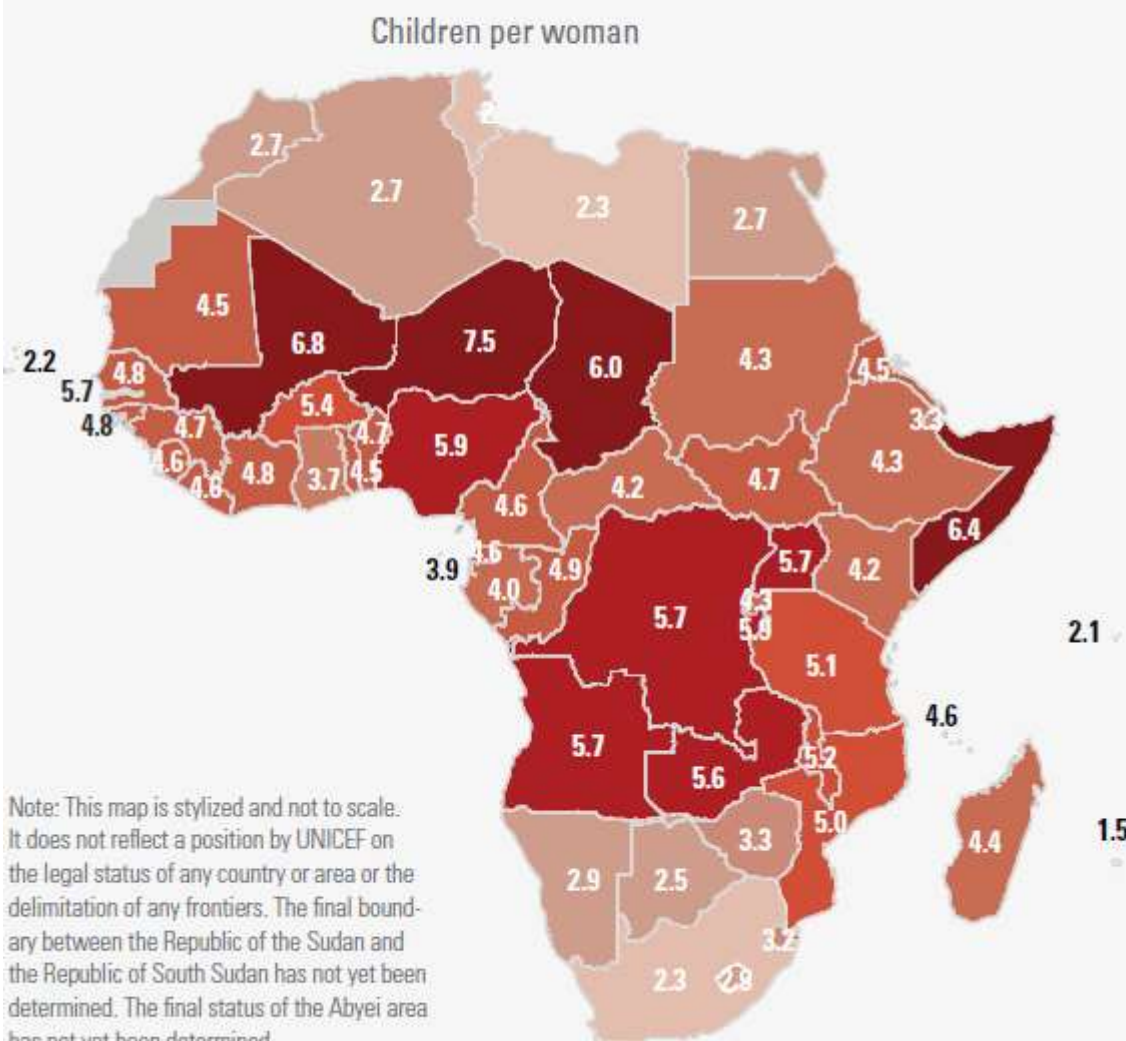
PEOPLE





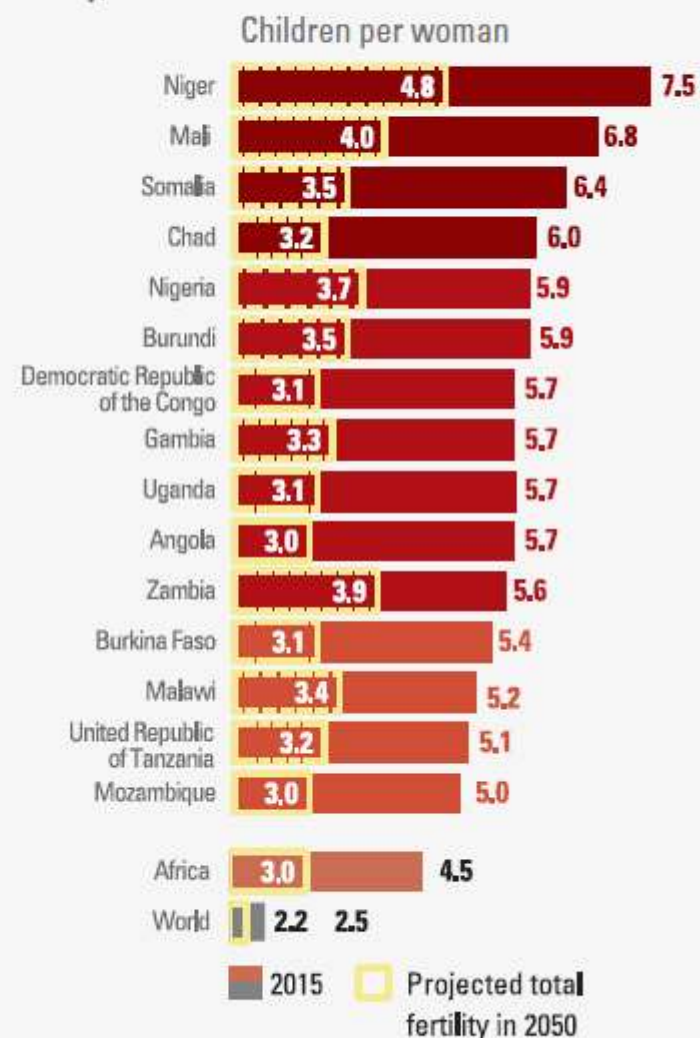
## In 15 countries, total fertility is at 5 or more children per woman in 2015

A. Total fertility in countries in Africa, 2015



Source: UNICEF analysis based on UN WPP 2012 Revision.

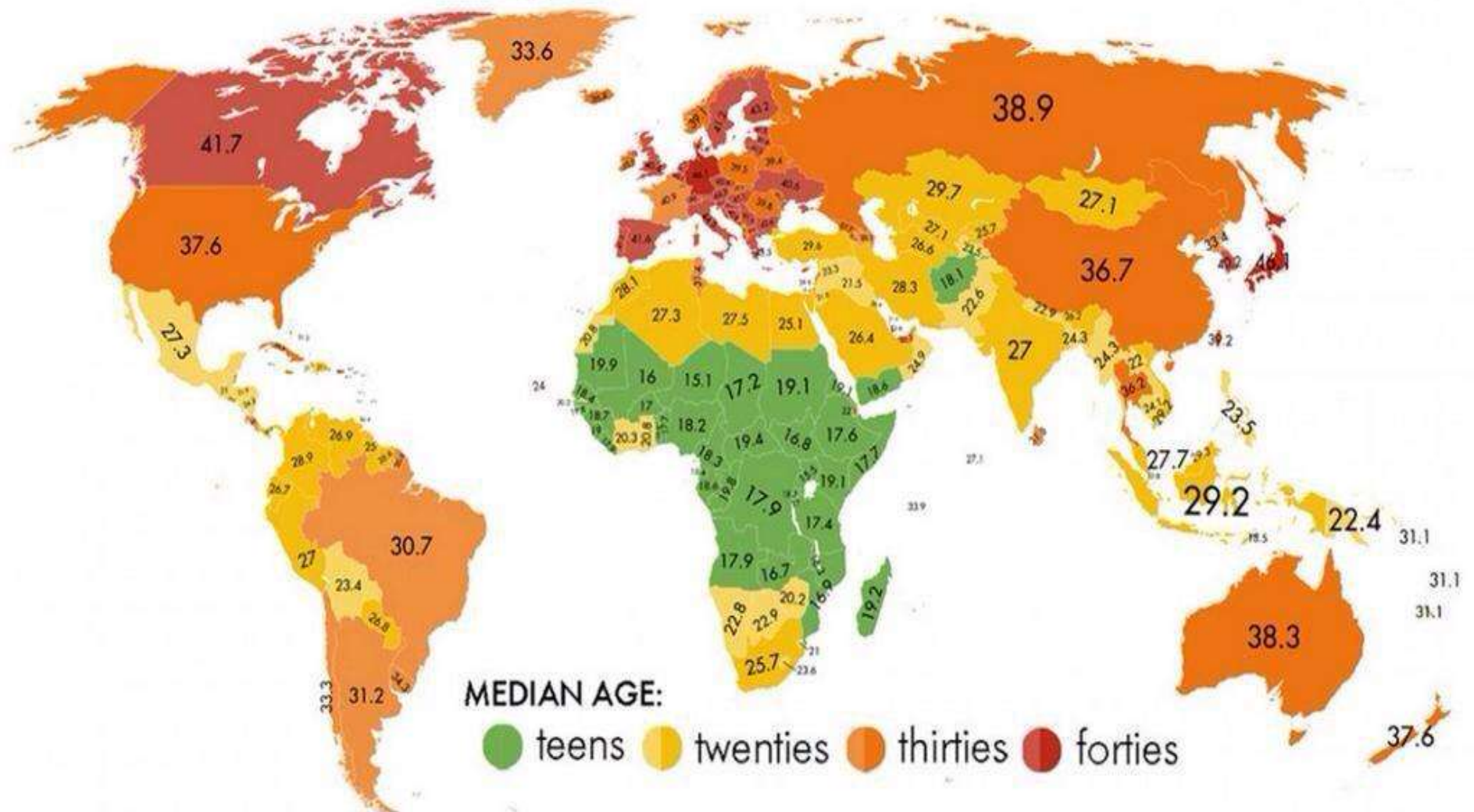
B. Top 15 countries in Africa with highest total fertility, 2015 and 2050



Note: The red or grey bar shows the fertility rate in 2015, the dashed yellow line shows the projected fertility rate in 2050.



# World Median Ages

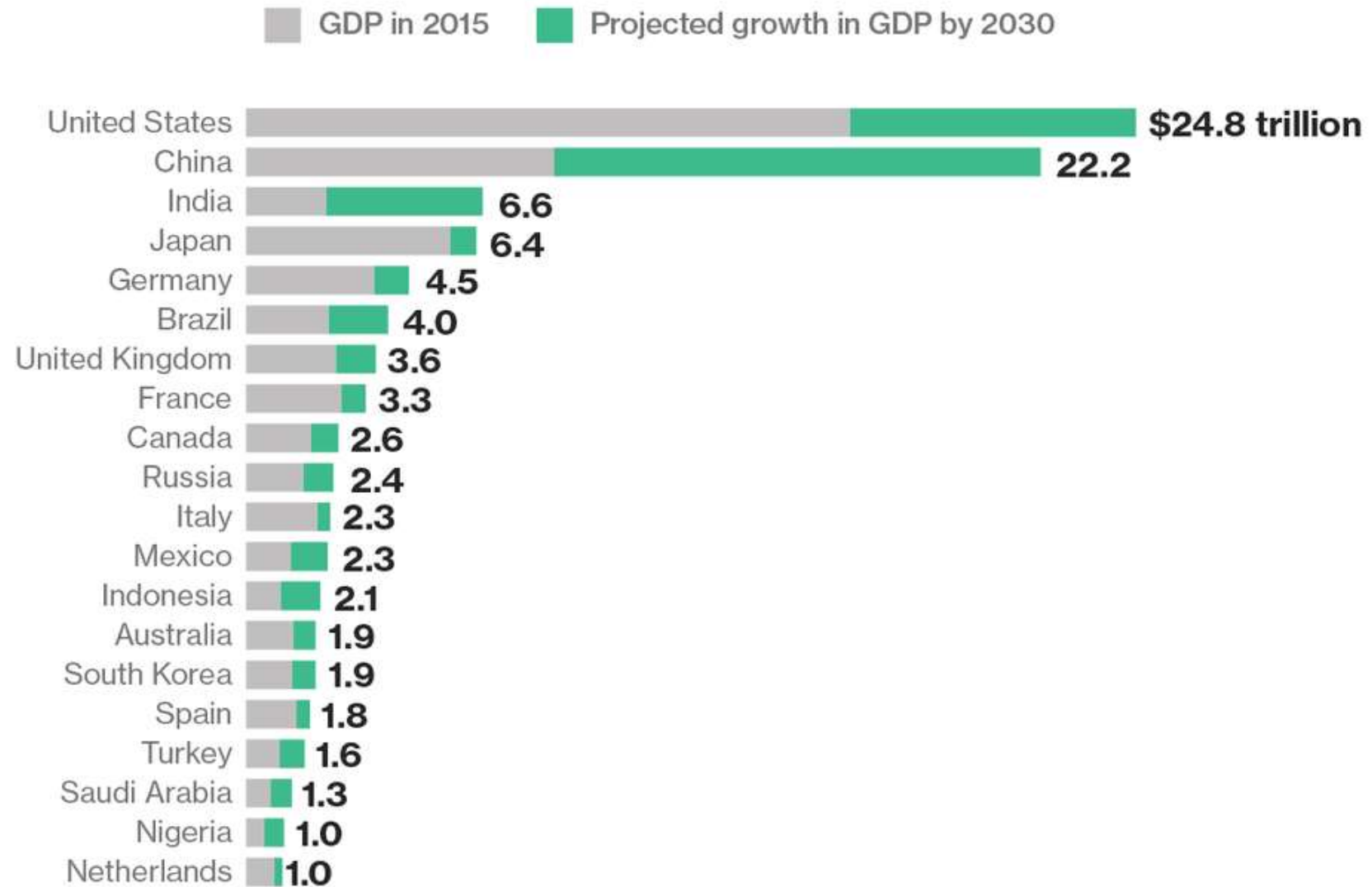


**YOUNGEST:** 1. Niger (15.1) 2. Uganda (15.5) 3. Mali (16) 4. Malawi (16.3) 5. Zambia (16.7)

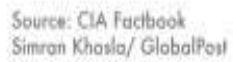
**OLDEST:** 1. Germany & Japan (46.1) 2. Italy (44.5) 3. Austria (44.3) 4. Virgin Islands (44.2)

**ECONOMICS**

# World's 20 Largest Economies in 2030



Source: U.S. Department of Agriculture







# 0.7% Of The World's Population Control 41% Of Its Wealth

How the world's wealth is shared amongst its population, by income group

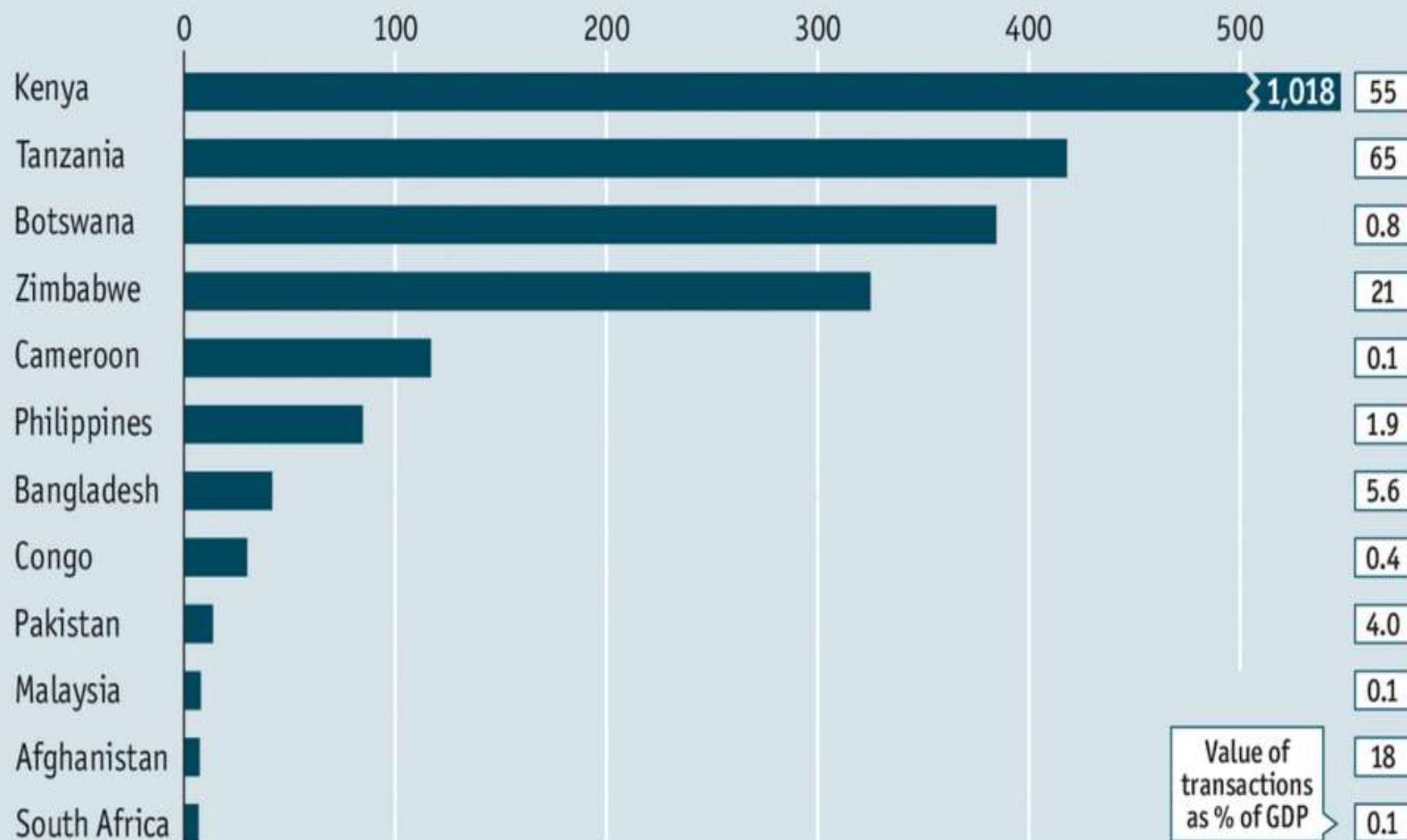
■ Share of the world's population    ■ % of the world's wealth



Sources: World Economic Forum,  
Global Wealth Report 2013

## Mobile money in developing countries

Active accounts per 1,000 adults, selected countries, 2013



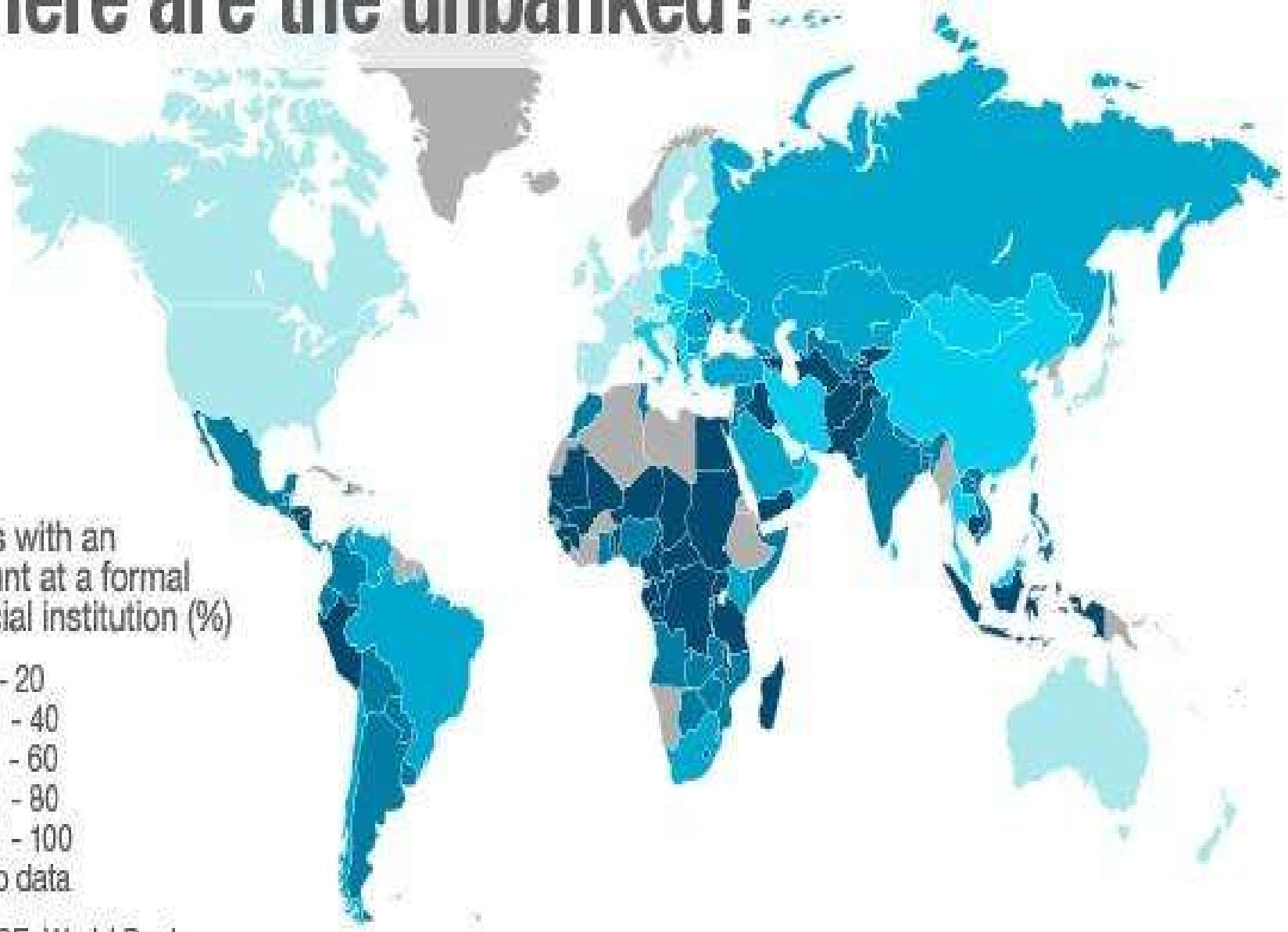
Source: IMF

# Where are the unbanked?

Adults with an account at a formal financial institution (%)

- 0 - 20
- 21 - 40
- 41 - 60
- 61 - 80
- 81 - 100
- No data

SOURCE: World Bank



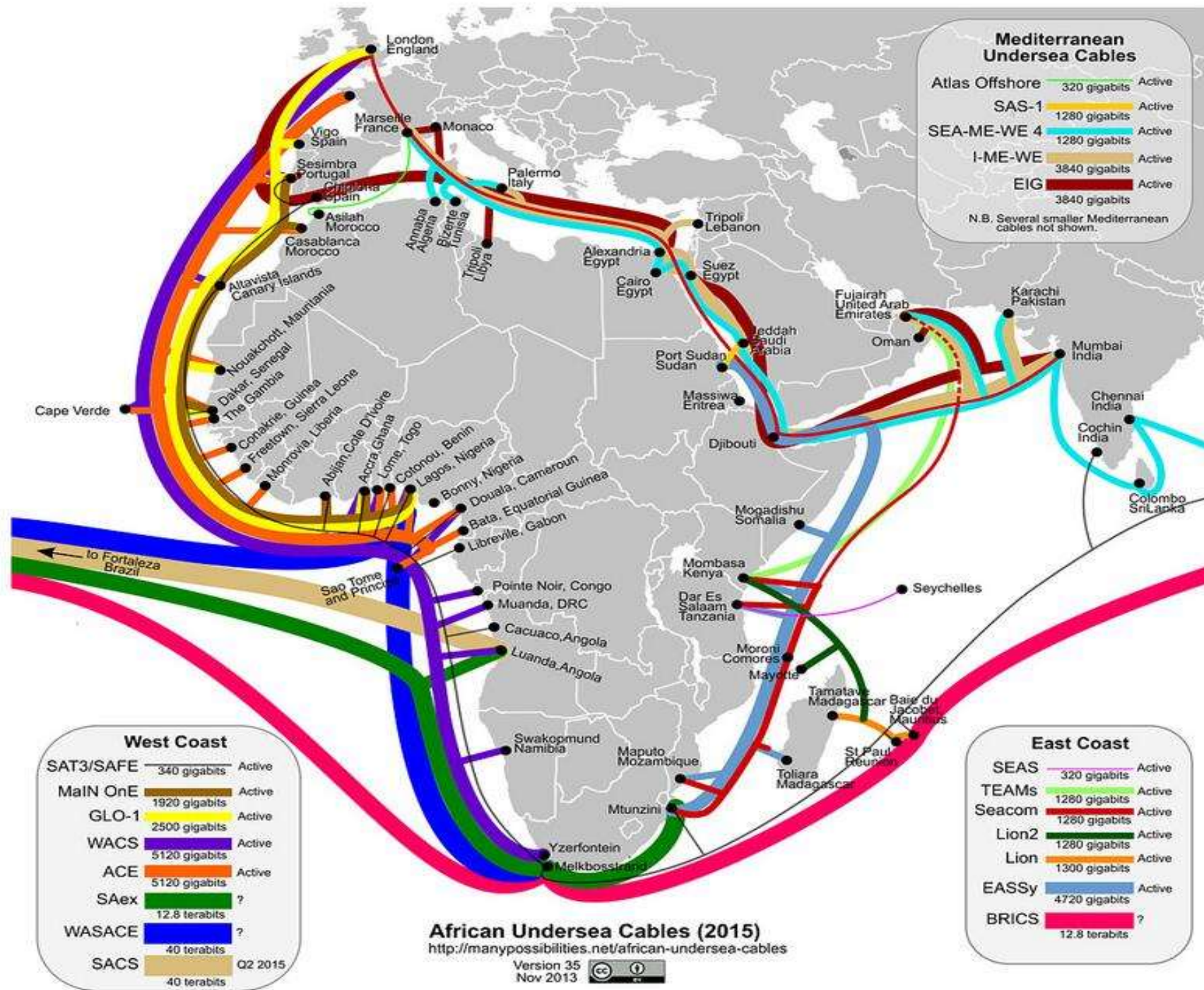
# THE PAYMENT PROCESSING ECOSYSTEM





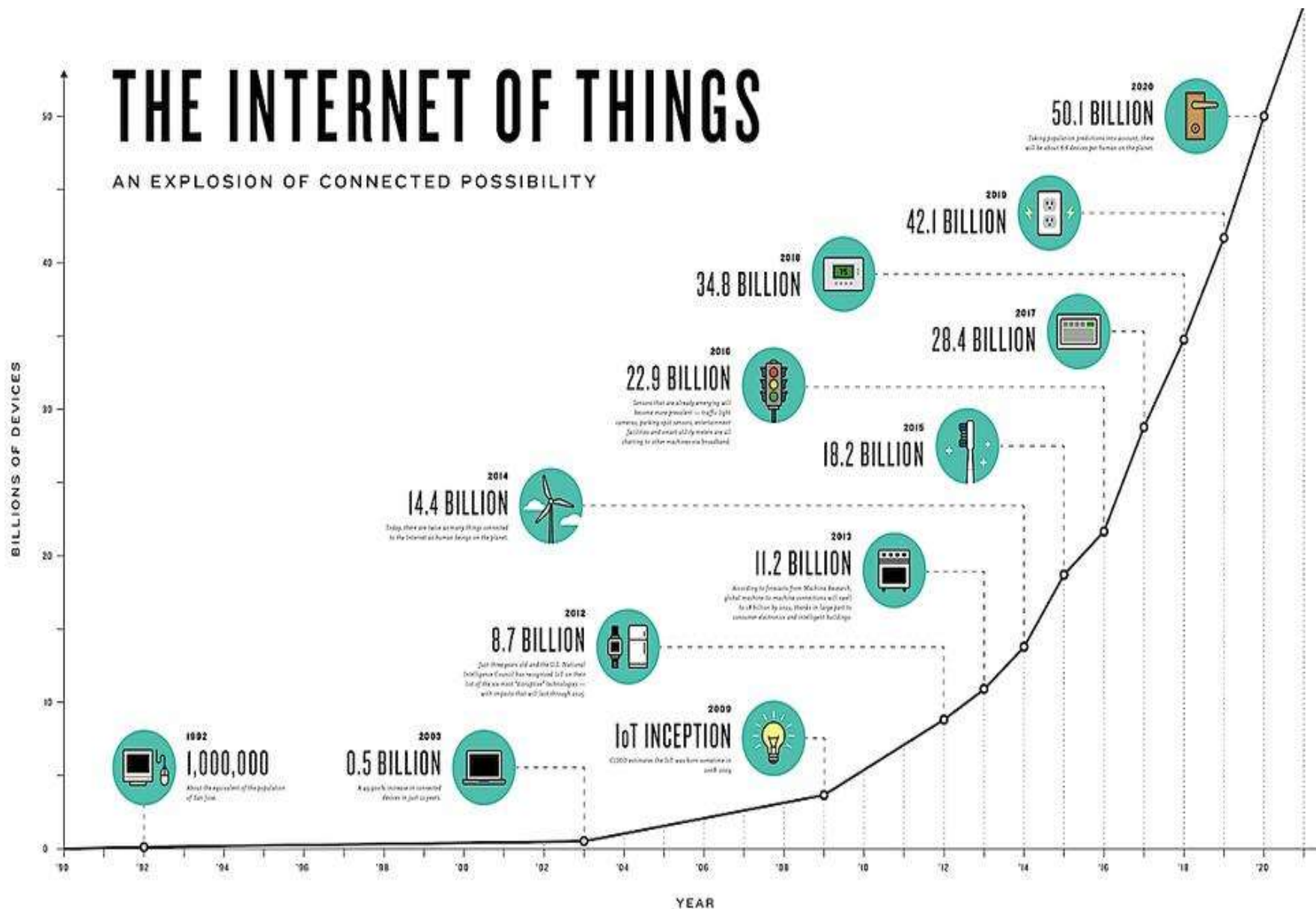


TECHNOLOGY



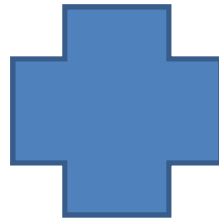
# THE INTERNET OF THINGS

AN EXPLOSION OF CONNECTED POSSIBILITY



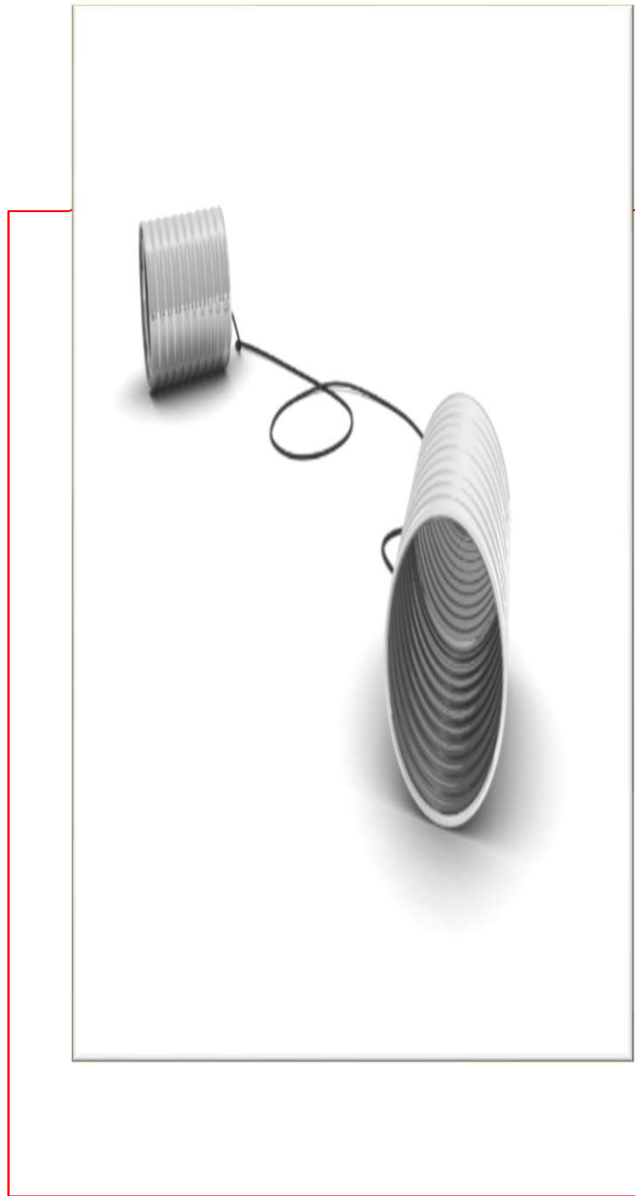
# *Powerful Combination...*

**Social Media**



**Smart Phone**



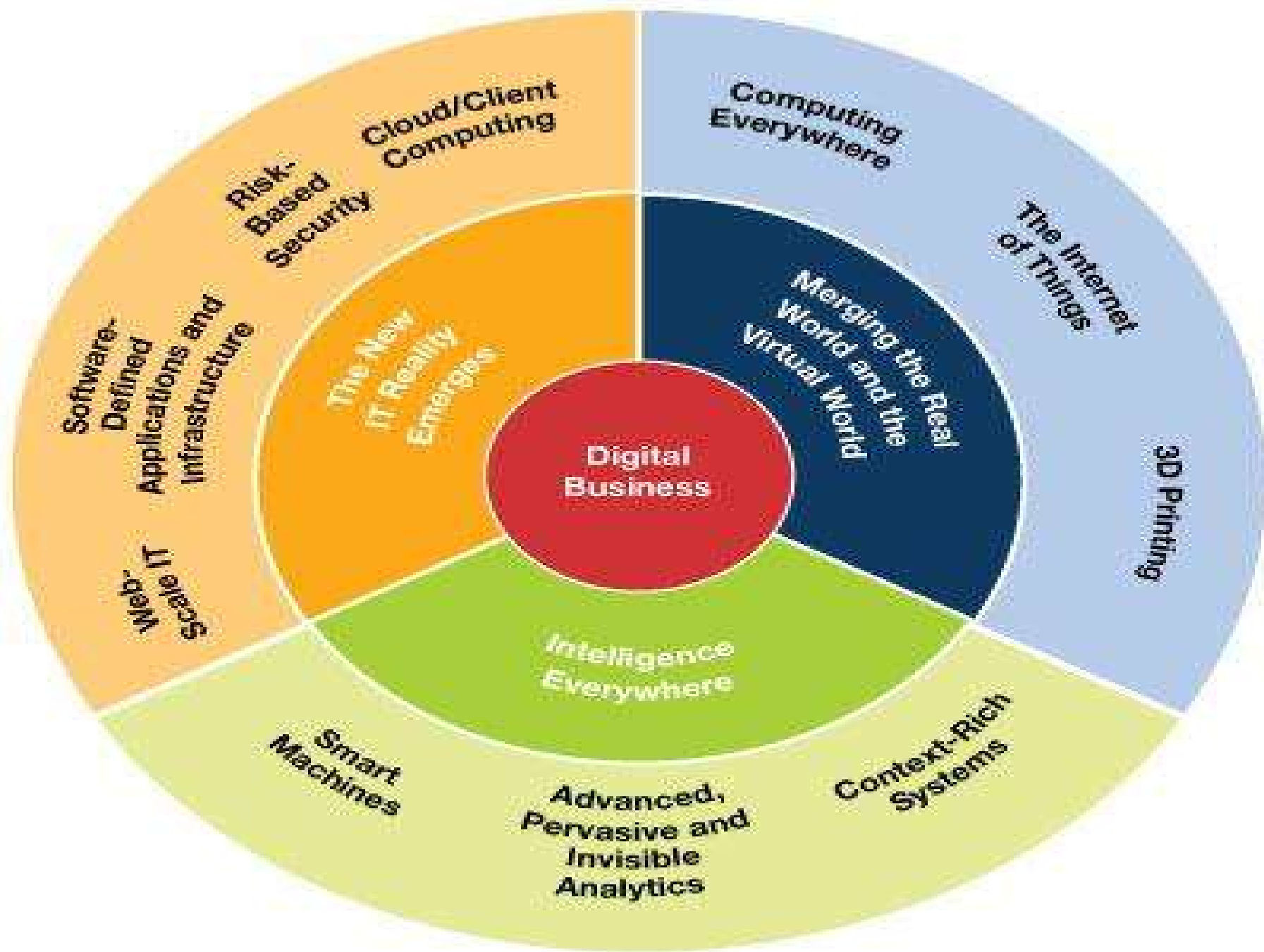


*All this will change...*

- **Politics, activism and elections**
- **Business: workspaces, customers**
- **Interaction, marketing, payments**
- **Openness, transparency, privacy, snooping**
- **Development of nations**
- **All industries involving content**
- **Transmission, exchange**
- **Education, learning**
- **Healthcare provision**

*...People Power*







ENERGY

# AFRICA'S ENERGY GAP: THE COSTS OF THE DIVIDE

**621  
MILLION**

Africans do not  
have access to  
electricity



of SSA's energy  
is consumed by  
South Africa

**89  
BILLION**

US dollars of  
petroleum exported  
by Nigeria in 2013

**93  
MILLION**

Nigerians  
lack access to  
electricity

**4/5**

The icon consists of five stylized human figures. The first four are dark grey, and the fifth is light grey, representing 4 out of 5.

OF THE POPULATION (727 MILLION)  
rely on solid biomass, mainly fuelwood  
and charcoal, for cooking

**600,000**

AFRICANS ARE KILLED EVERY YEAR  
by air pollution caused by the use of solid  
biomass for cooking

In 9 African countries, more than



OF PRIMARY SCHOOLS HAVE  
NO ELECTRICITY

In Africa, the poorest households spend



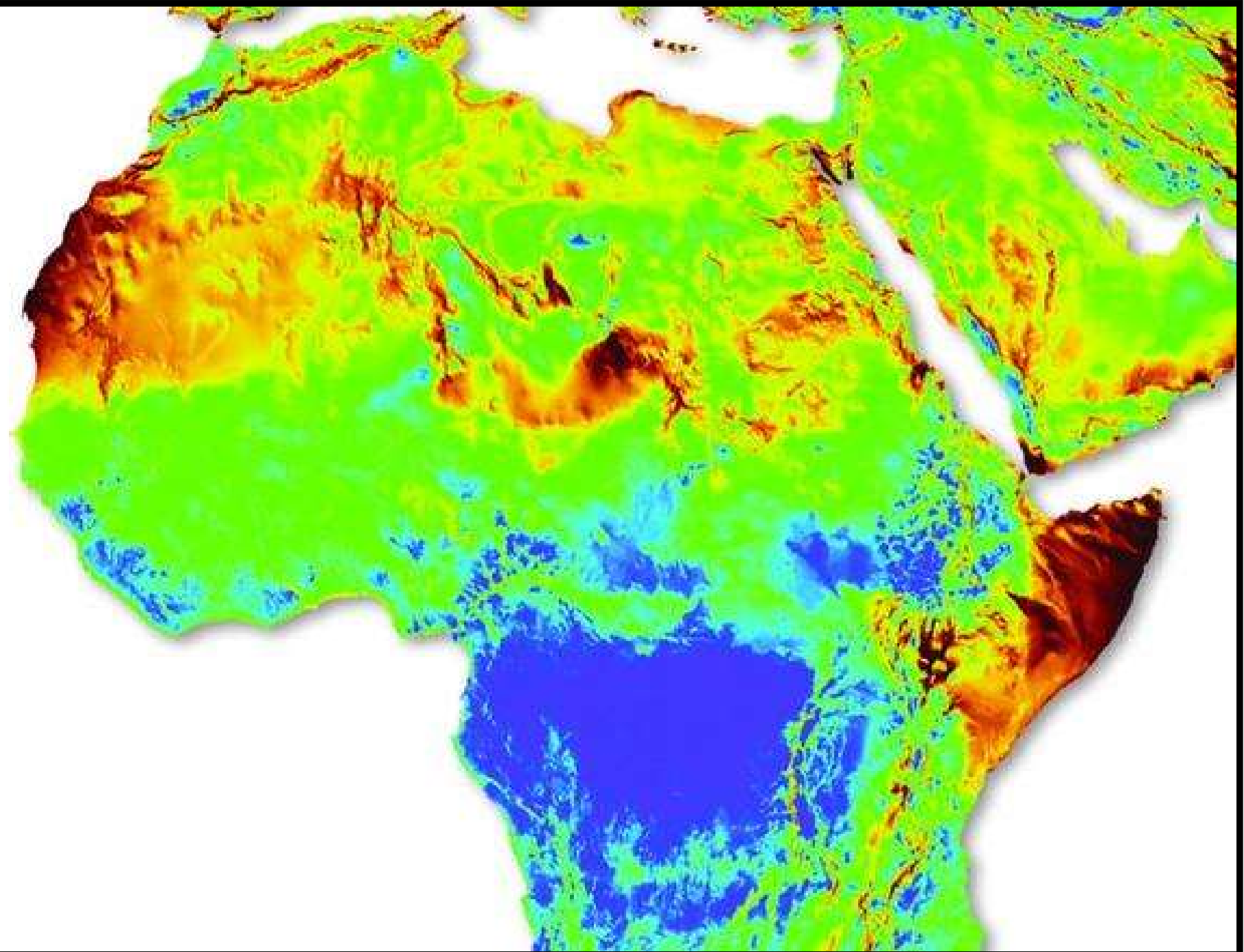
MORE PER UNIT OF ENERGY THAN  
THE WEALTHIEST HOUSEHOLDS  
with a connection to the grid

On current trends, it will take Africa until

**2080**

TO ACHIEVE UNIVERSAL ACCESS TO ELECTRICITY





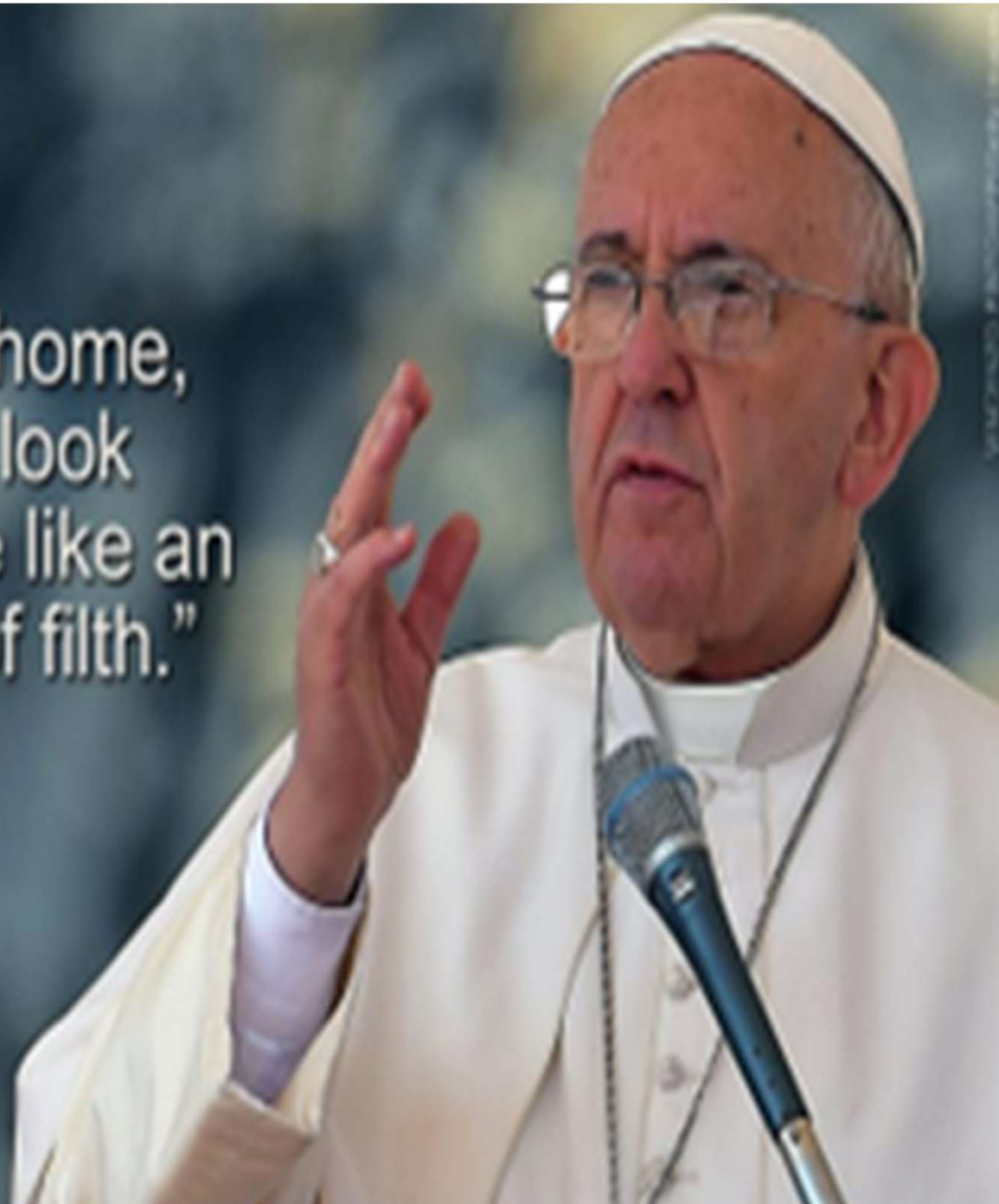
CLIMATE CHANGE





"The earth, our home,  
is beginning to look  
more and more like an  
immense pile of filth."

Pope Francis





# CLIMATE CHANGE DEPARTURE WHEN CITIES WILL FEEL THE EFFECT

With no cuts in greenhouse gas emissions, the shift into new climate territory for different cities in the world will occur in different years, give or take about five years say scientists.



The global mean year of climate departure is 2047. The mean for the tropics (shown in hatched area) is 2038, compared to 2053 for all other latitudes.





GOVERNANCE

*Our strategic posture...*

Strategy is less about grandiose,  
brilliant plans...

...and more about doing a  
few things extremely well

It is time to reengineer HOW WE RUN  
AFRICA...

...the **fundamental rethinking** of  
the business and **radical redesign**  
of business processes to achieve  
**dramatic improvements** in  
business performance...



# Mission Statement

GUIDED BY A RELENTLESS FOCUS  
(HEARTFELT ADJECTIVE)

ON QUALITY, \_\_\_\_\_, AND \_\_\_\_\_  
(CLICHE) (ANOTHER CLICHE) (YET ANOTHER CLICHE)

WE WILL STRIVE TO \_\_\_\_\_  
(LONG-WINDED PHRASE)

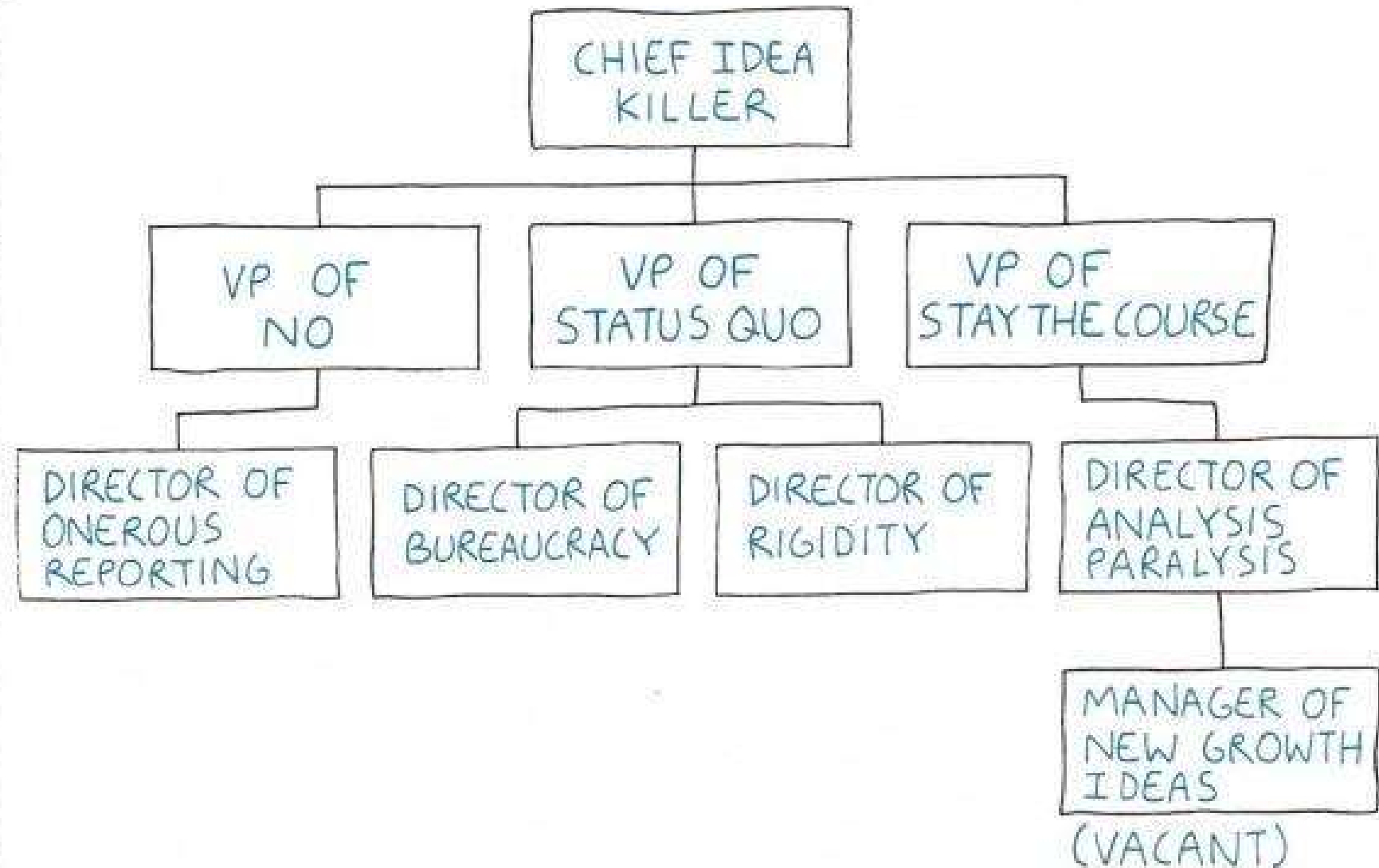
DELIVERING \_\_\_\_\_ TO OUR \_\_\_\_\_  
(BIG ASPIRATIONAL WORD) (VAGUE GROUP)

SLIDE 1 OF 42

TOM  
FISH  
BURNÉ

QUALITY! WE'VE  
ALREADY  
USED  
THAT





# **ELEVATE YOUR LEADERSHIP WITH QUESTIONS**

## **VISION**

**Where are you headed?**

## **PURPOSE**

**Why are you going there?**

## **STRATEGY**

**How are we going to get there?**

## **TALENT**

**Who will come with us?**

## **GROWTH**

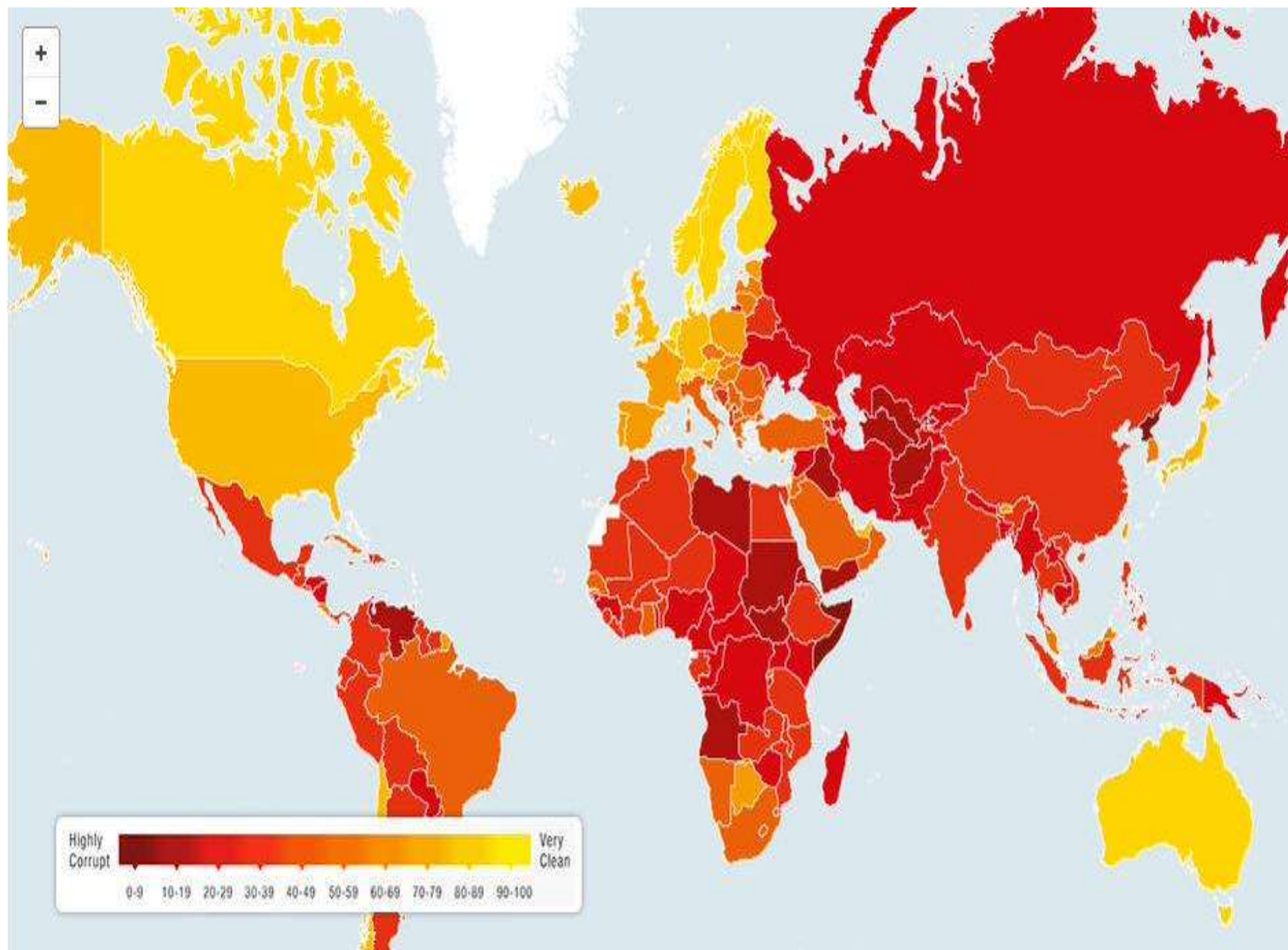
**How will we develop?**

## **SUSTAIN**

**How will we keep going?**

**QUESTIONS MAKE US THINK. THEY HELP US GROW.**

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EDUCATION



# THE 2% MINDSET

2% OF THE POPULATION

GOING FOR  
YOUR DREAMS

EMBRACING THE UNKNOWN

CONFIDENCE

98% OF THE  
POPULATION

EXCITEMENT

BEING LIKE EVERYONE ELSE

LIKING CHANGE

INSECURE

SURVIVING

EXPLORING  
NEW THINGS

**YOUR COMFORT ZONE**

LIVING WITHOUT  
LIMITS

FEAR

JUST GETTING BY

CHOOSING  
HAPPINESS

A DULL LIFE

PLAY IT SAFE

ABUNDANCE

PROCRASTINATION

REGRET

SETTLING FOR LESS

ACT IN SPITE  
OF FEAR

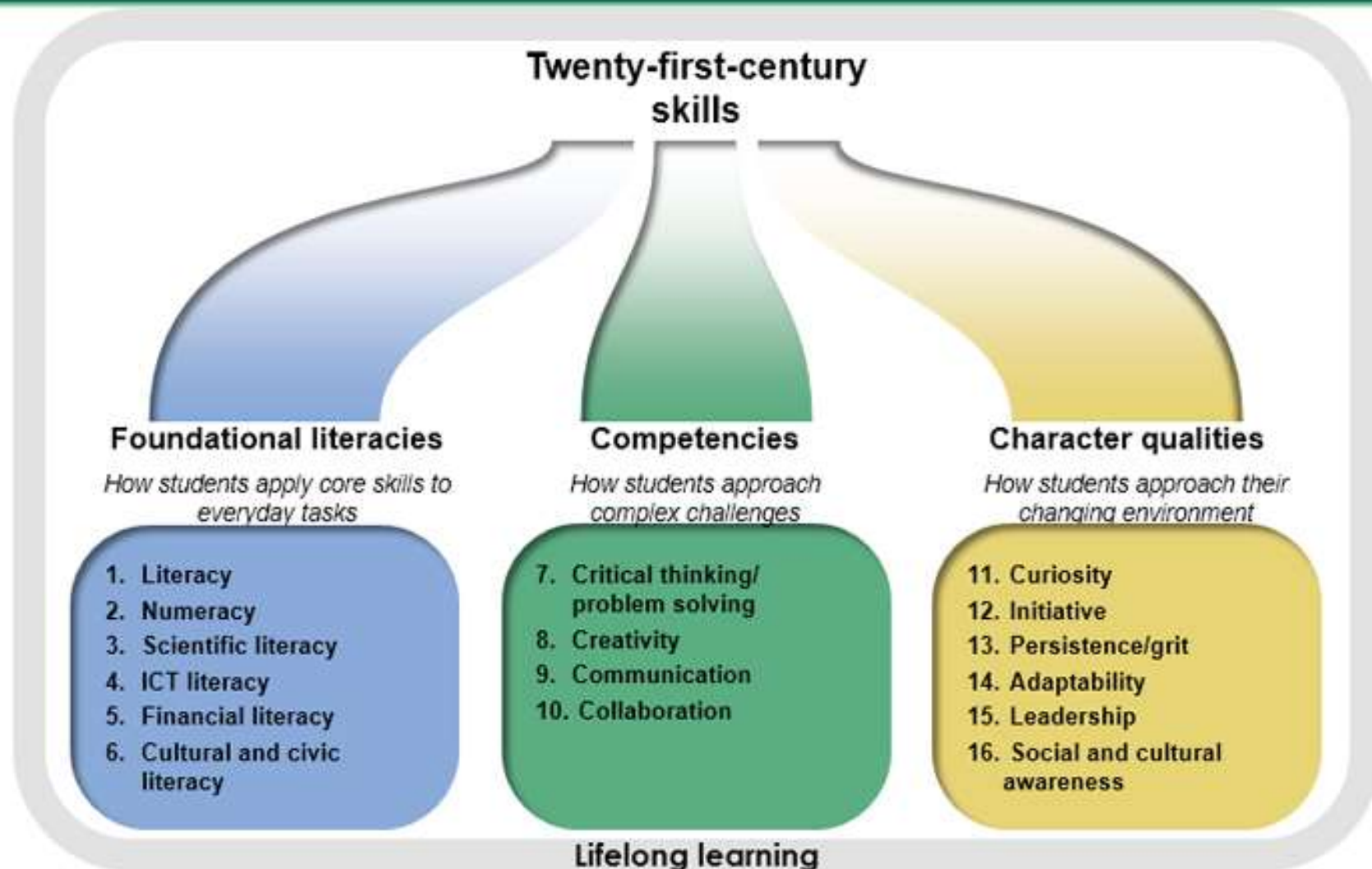
FULFILLMENT

GETTING THE MOST OUT OF LIFE

## THE FIVE TRENDS SHAPING THE FUTURE OF WORK

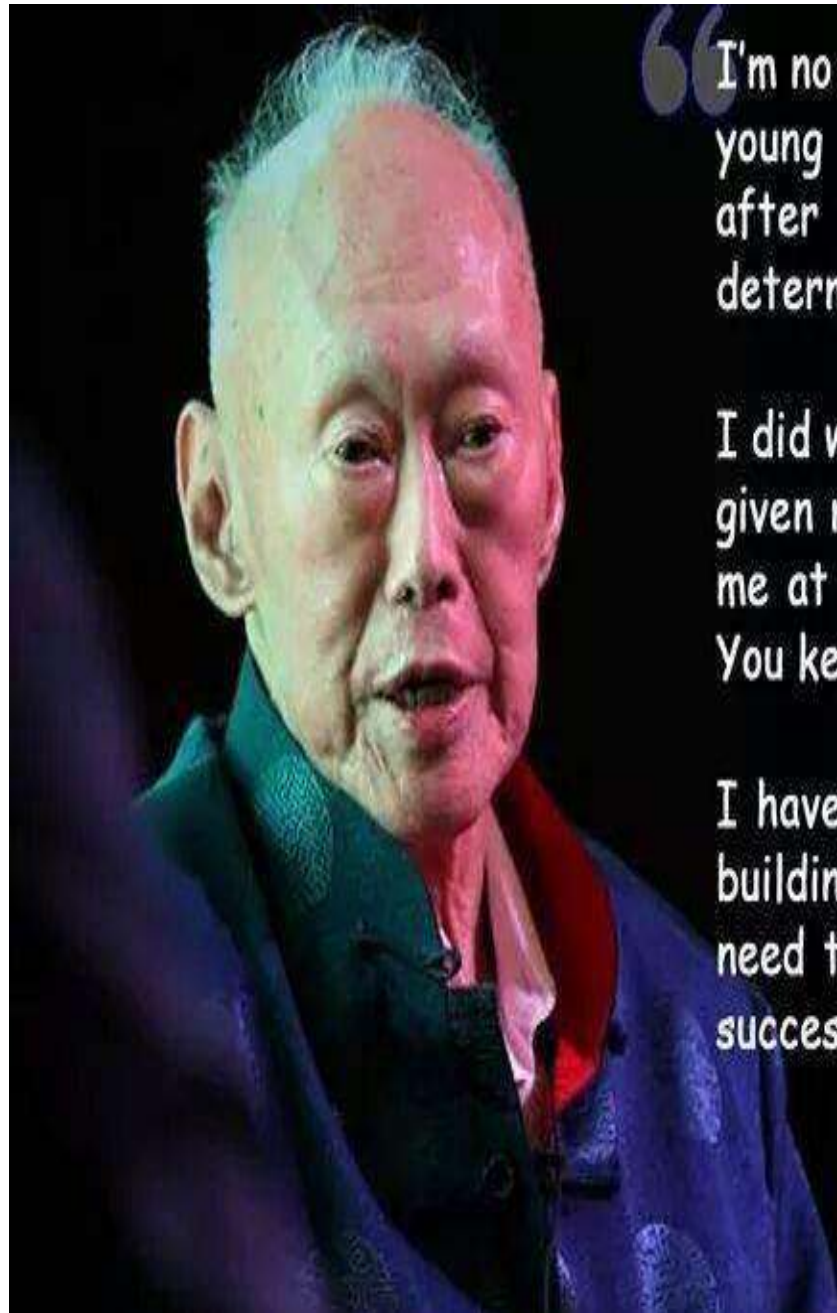


## Students Require 16 Skills to Compete in the Twenty-First Century



Source: World Economic Forum in collaboration with BCG.  
Note: ICT = information and communications technology.

*FINALLY*



“I'm no longer in active politics. It's irrelevant to me what young Singaporeans think of me. What they think of me after I'm dead and gone in one generation will be determined by researchers who do PhDs on me.

I did what I thought was right, given the circumstances, given my knowledge at the time, given the pressures on me at the time. That's finished, done. I move forward. You keep on harking back, it's just wasting time.

I have no regrets. I have spent my life, so much of it, building up this country. There's nothing more that I need to do. At the end of the day, what have I got? A successful Singapore. What have I given up? My life.

**Mr Lee Kuan Yew**  
**Hard Truth**



"Your time is limited, so don't waste it living someone else's life. Don't be trapped by dogma—which is living with the results of other people's thinking. Don't let the noise of others' opinions drown out your own inner voice. And most important, have the courage to follow your heart and intuition. They somehow already know what you truly want to become."

—Steve Jobs





A photograph of Barack Obama speaking at a podium. He is wearing a dark suit, a white shirt, and a yellow striped tie. He has his right hand raised to his chin and is looking upwards with an expressive face. A microphone is visible in the foreground on the right.

“CHANGE WILL NOT COME IF WE WAIT FOR  
SOME OTHER PERSON OR SOME OTHER TIME.

WE ARE THE ONES  
WE'VE BEEN WAITING FOR.

WE ARE THE CHANGE THAT WE SEEK.”

BARACK OBAMA



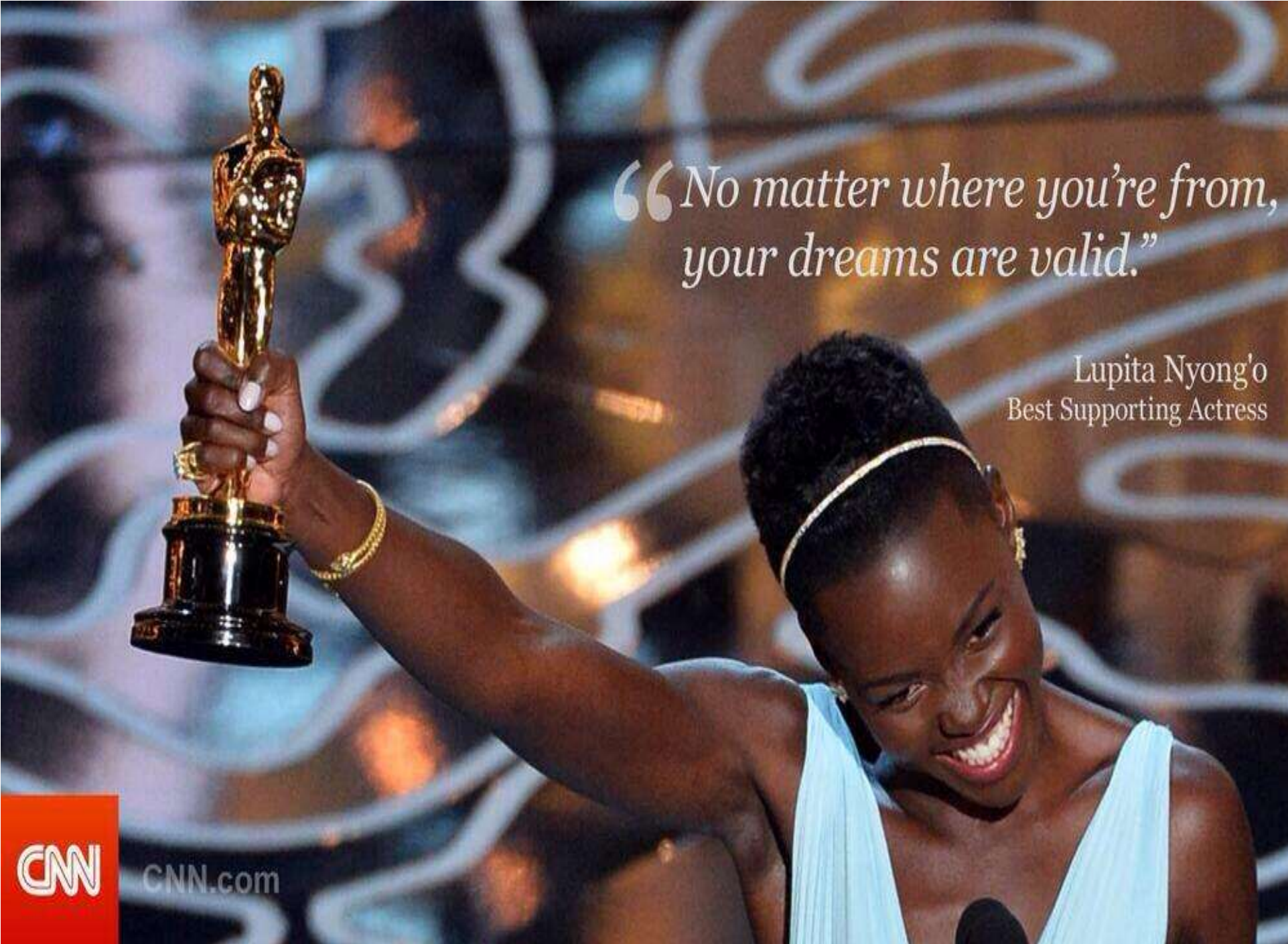


"It's the little things citizens do. That's what will make the difference. My little thing is planting trees."

-Wangari Maathai

NOBEL  
WOMEN'S  
INITIATIVE



A photograph of actress Lupita Nyong'o smiling and holding her Oscar trophy high in her right hand. She is wearing a light blue dress and a gold headband. The background is a blurred, abstract pattern of white and blue lines.

*“No matter where you’re from,  
your dreams are valid.”*

Lupita Nyong'o  
Best Supporting Actress



CNN.com



"I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel."

- Maya Angelou

Stay hungry...

*WISE FOOL*

...stay foolish

*asante sana*

*thank you*

*merci beaucoup*

**gracias**