

# Community Engagement: Issues, Trends and Perspectives for the Future



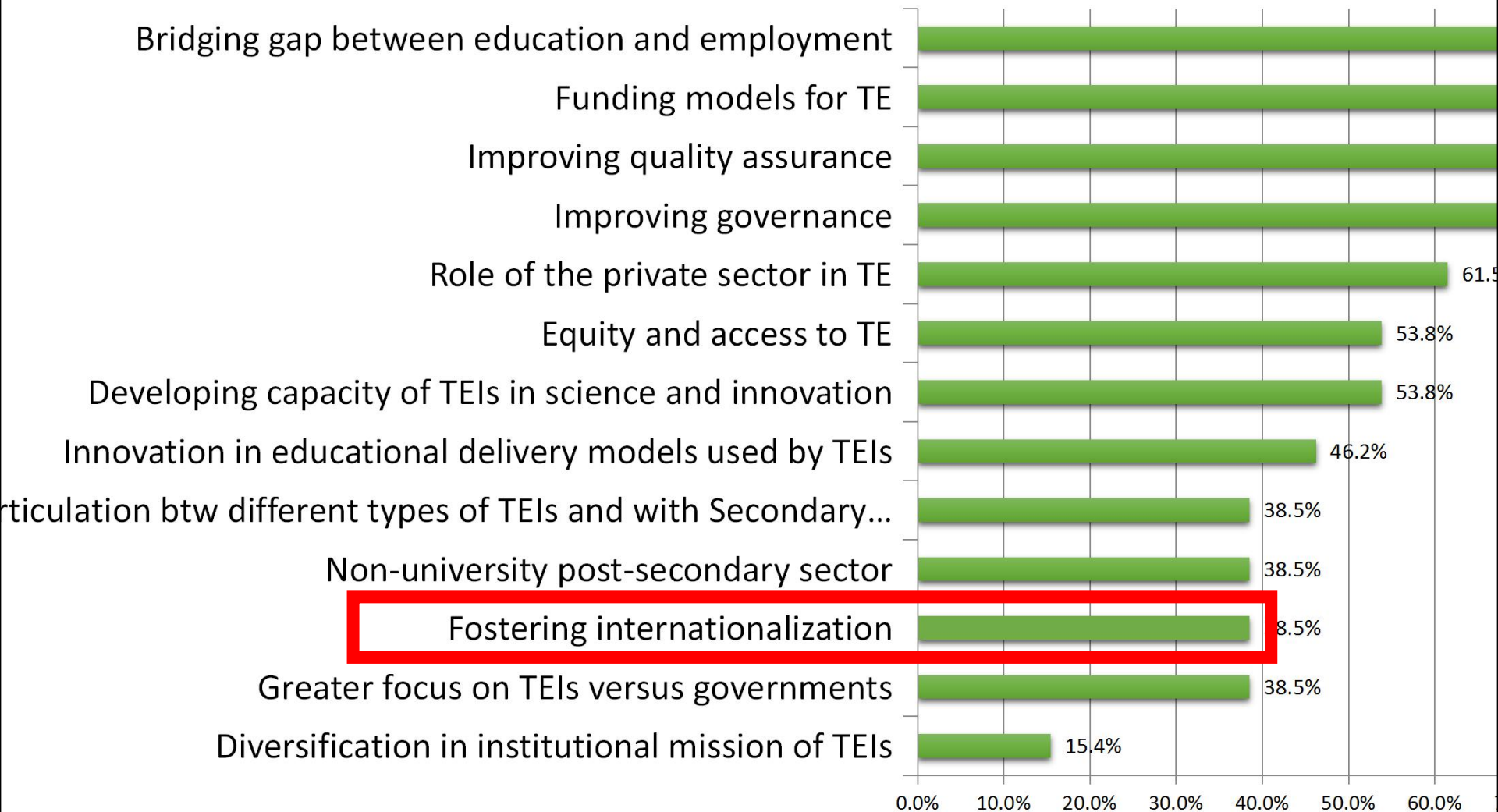
**WORLD BANK GROUP**

Francisco Marmolejo  
Lead Specialist, Tertiary Education  
The World Bank  
[fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)




**@fmarmole**

# What priorities will be emphasized in higher education in the next 5 years? \*



\* Multiple responses

# Defining Community Engagement



The process of working **collaboratively with and through** groups of people affiliated by geographic proximity, special interest, or similar situations to address issues affecting the wellbeing of those people.

It is a powerful **vehicle for bringing about changes** that will improve the well being of the community and its members.

It often **involves partnerships and coalitions** that help **mobilize resources** and influence systems, **change relationships** among partners, and **serve as catalysts** for changing policies, programs, and practices.

*(Adapted from CDC, 1997, p. 9).*

# But, what type of community?

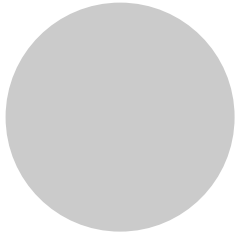


**@fmarmole**

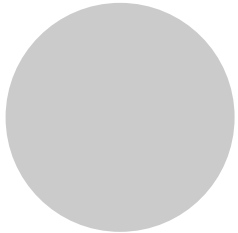
**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# Defining the concept of community.

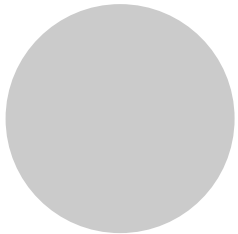
## Perspectives



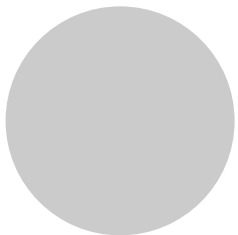
**Systems:** Similar to a living creature, comprising different parts that represent specialized functions, activities, or interests, each operating within specific boundaries to meet community needs.



**Social:** It can be defined by describing the social and political networks that link individuals, community organizations, and leaders. Understanding these networks is critical to planning efforts in engagement.



**Virtual:** Individuals rely more and more on computer-mediated communications to access information, meet people, and make decisions that affect their lives (Kozinets, 2002).



**Individual:** Individuals have their own sense of community membership, and a sense of belonging to more than one community.

# Why does it matter?

Sure glad the hole isn't at our end.



# Towards an increasingly interdependent world



# A globalized economy?



- Made in The Netherlands
- With ingredients from Morocco.
- Distributed by a Chinese company
- For sale in Delhi.

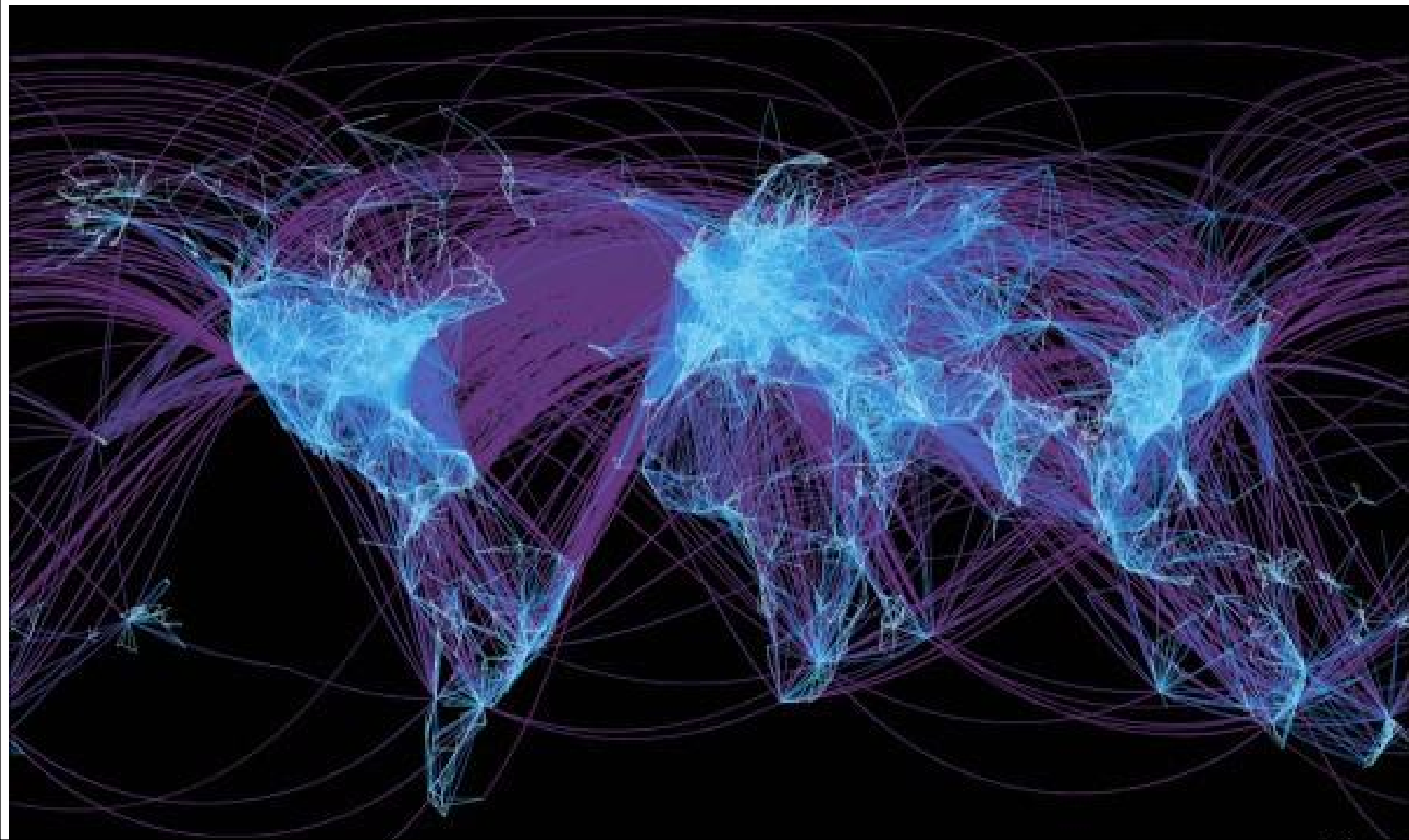
Mexican Salsa



# Towards an increasingly fascinating world



# Towards an increasingly interconnected world



# A reality check...

Limited employment growth

Missed opportunity to spur growth and welfare

Tension exacerbated by demographic and other social pressures

The rise of “nationalism” and nativism as the opposite of internationalism

Significant environmental concerns

The challenge of disinformation, misinformation and malinformation

Questioning about legitimacy of institutions

# A reality check...

Unimaginable progress

Extreme poverty  
diminishing

Unthinkable innovation and  
discoveries

The world In the midst of  
the 4IR

Higher Education: the best  
investment

# Making the case...

*On the importance of more  
(and better) higher education*



**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

## Six critical issues in higher education

1

Equity

2

Flexibility

3

Governance

4

Innovation

5

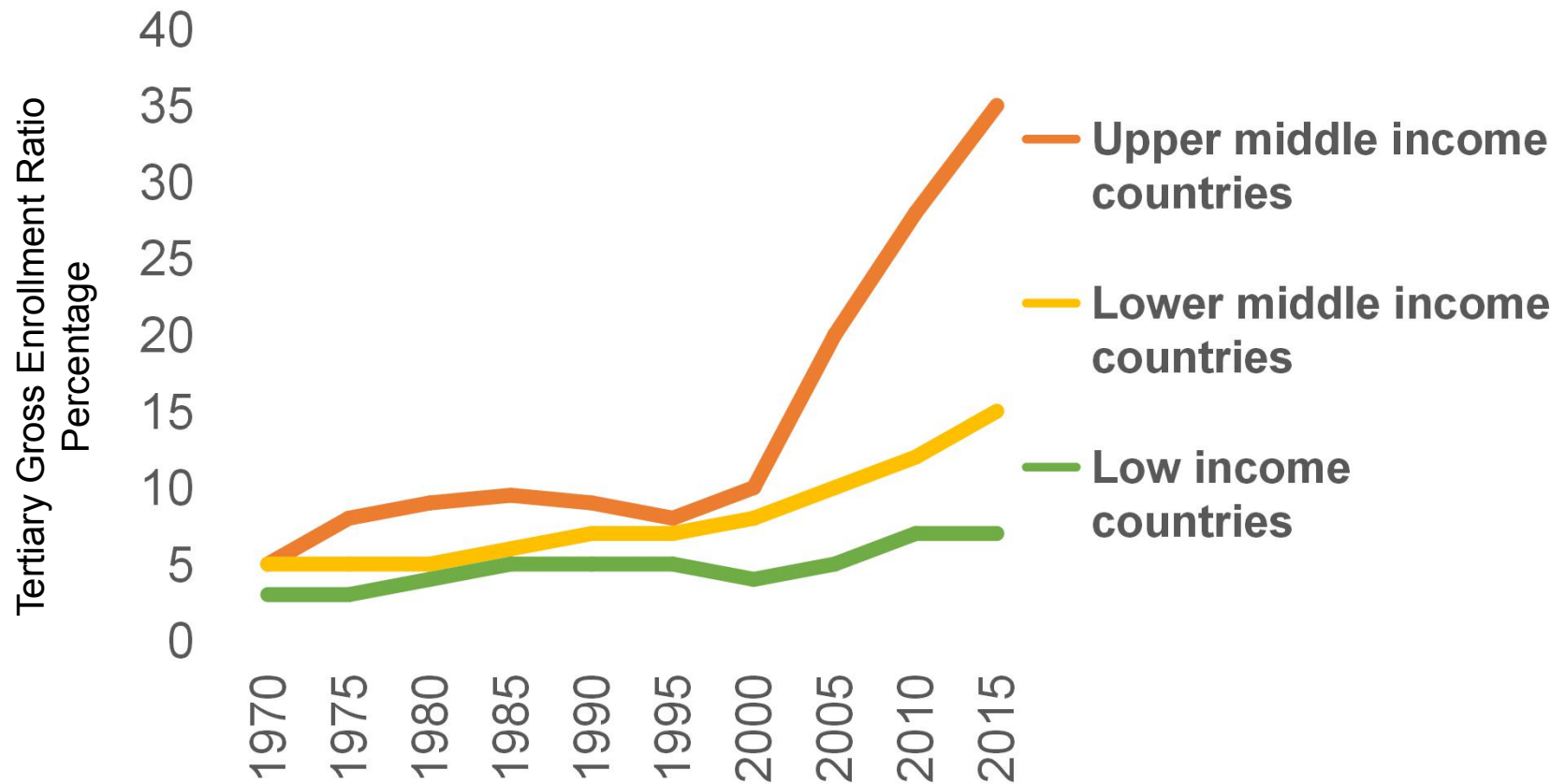
Internationalization

6

Community Engagement

# ① Equity

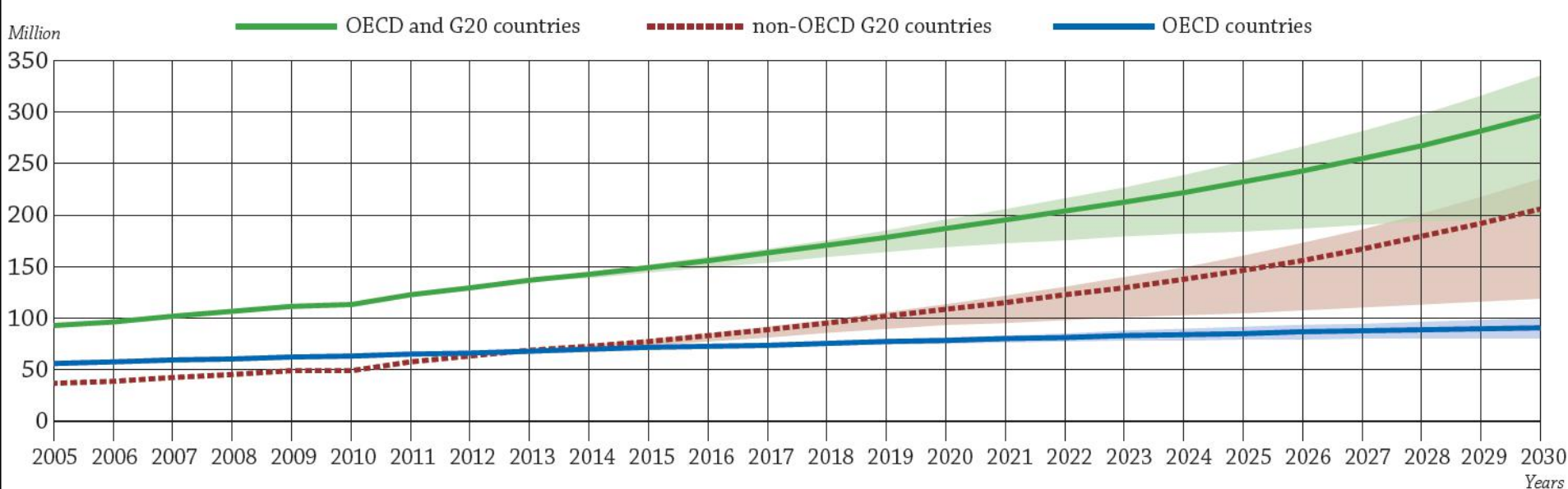
# Booming Higher Education Enrollment





# All scenarios signal towards significant growth for the next 20 years

## Projections of the number of 25-34 year-olds with tertiary education, 2005-2030



*Note:* Figures are estimates based on available data. Population estimates are based on OECD's annual population projections  
*Source:* OECD, UNESCO, and National Statistics websites for Argentina, China, India, Indonesia, Saudi Arabia and South Africa

# The two big players

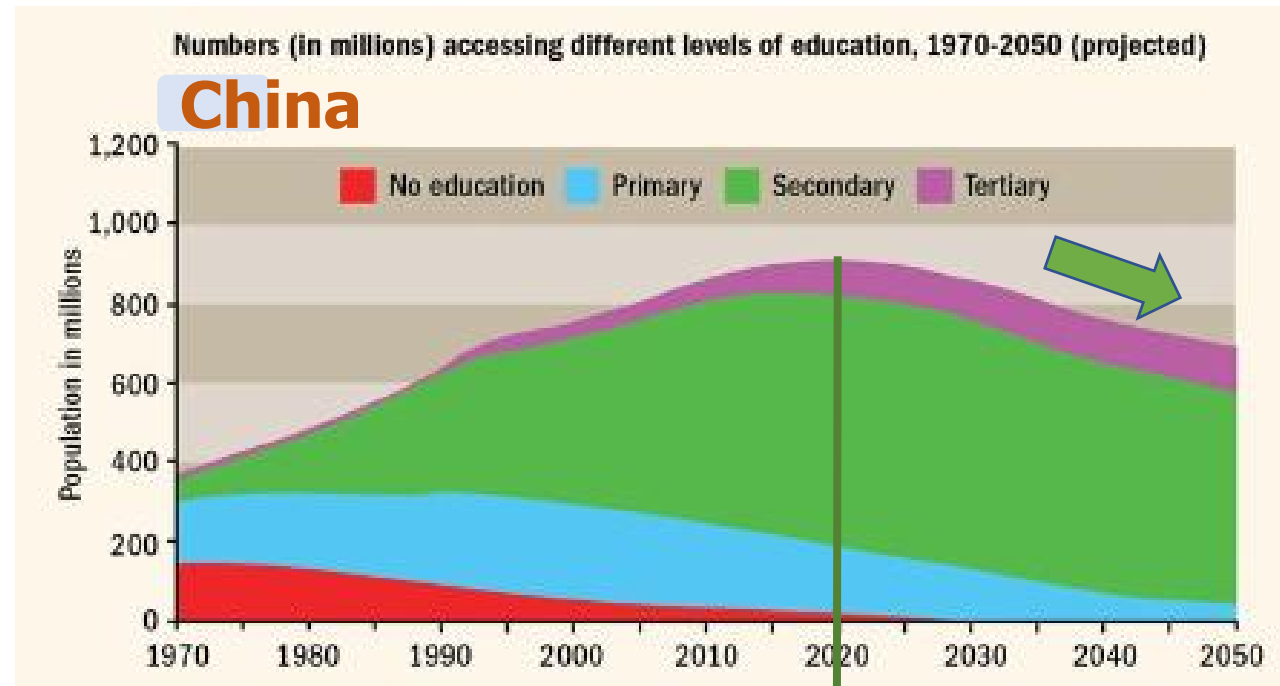


**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

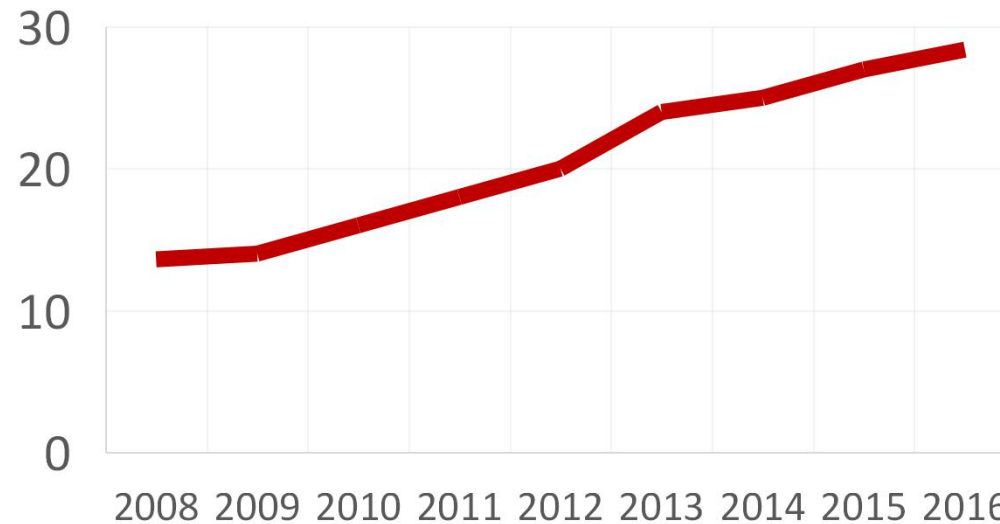
# The case of China and India

Millions  
accessing  
different levels  
of education  
1970-2050  
(projected)



In India...

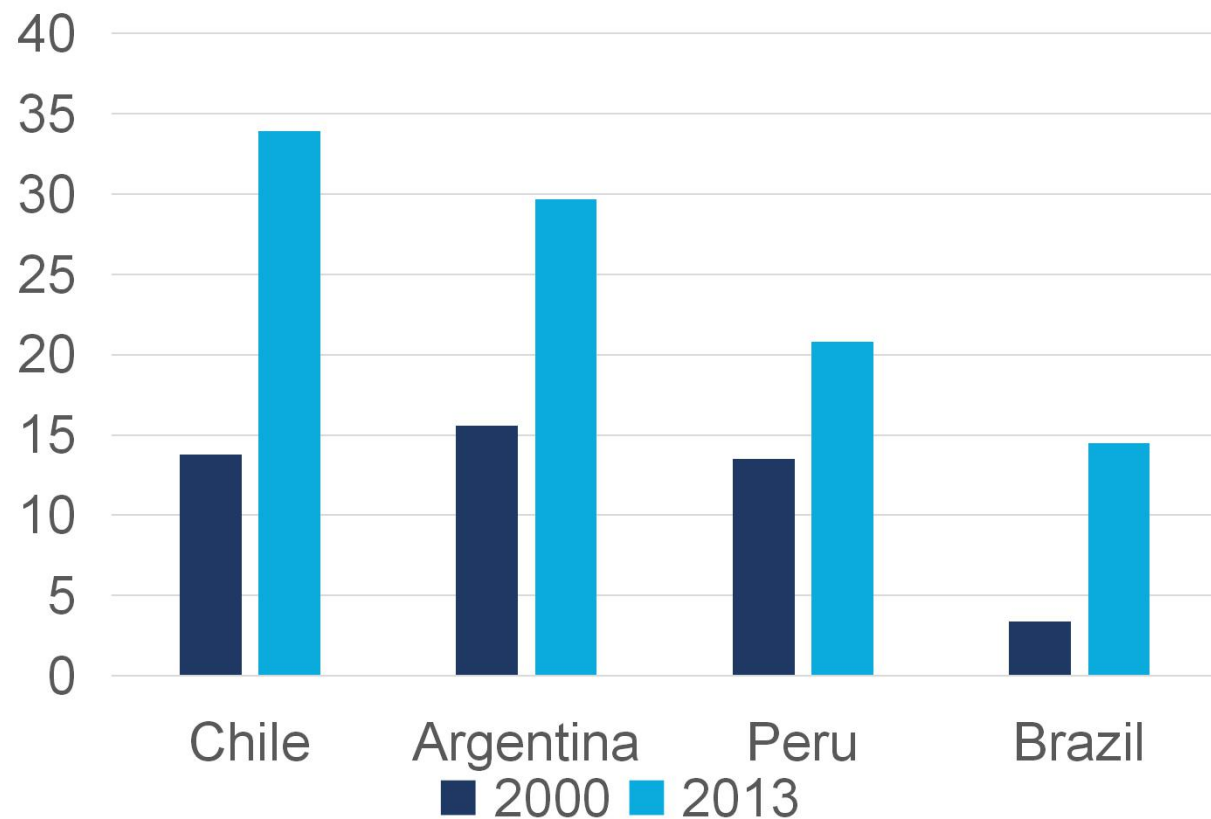
### Higher education enrollment in India (Millions of students)



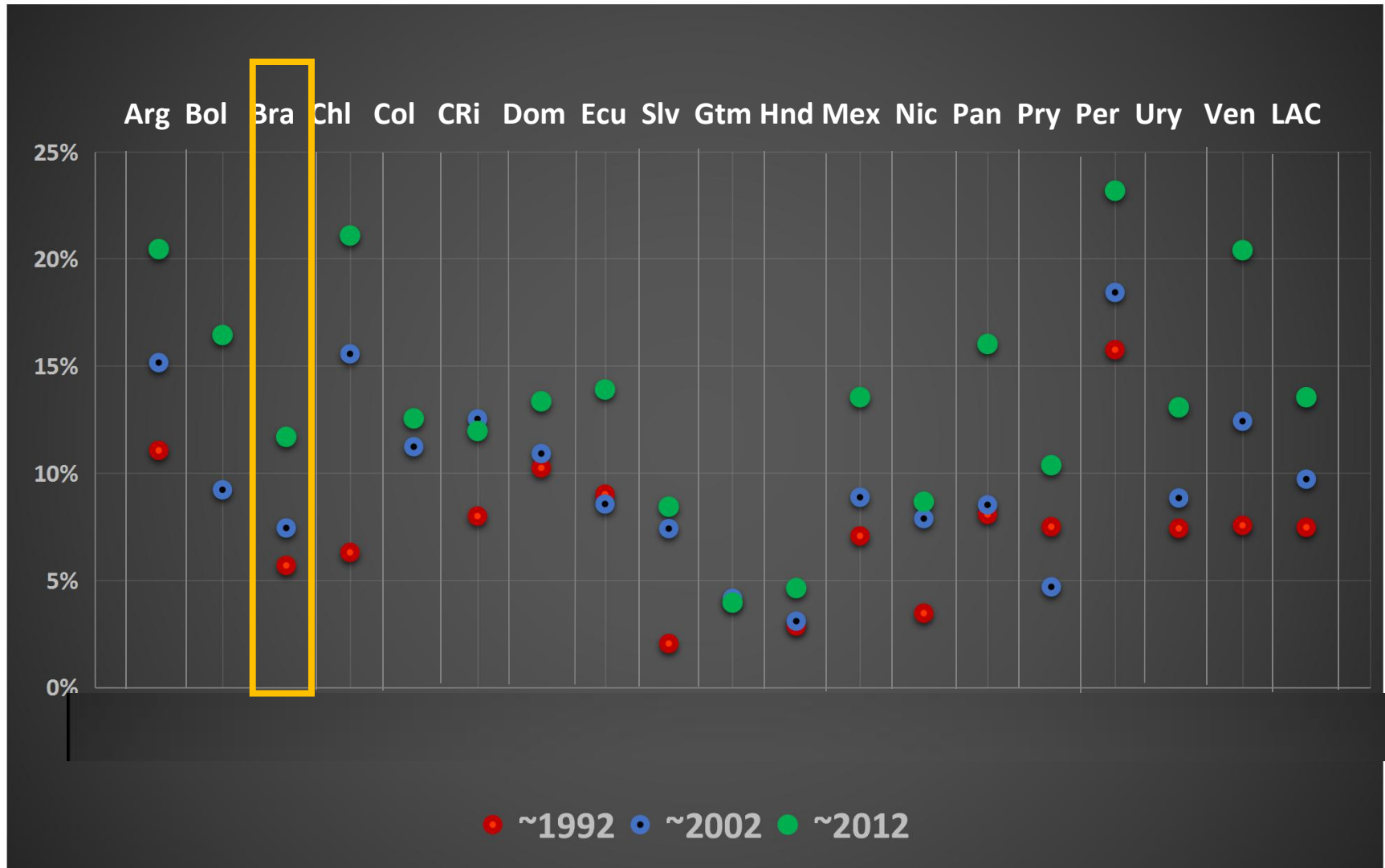
- In 2008-16, while globally the higher education enrollment increased **52%**, in India the growth was **109%** (from 13.6 million to 28.5 million students). Soon the Indian HE system will be the largest in the world.
- The college-age cohort in India is projected to reach **400 million** by 2030.
- By 2030, **24%** of the global stock of people with higher education will come from India. (In 2013 it was 13 %)

## Sharp rise in access among the poor

Higher  
education  
students in  
the bottom  
40% of  
income (%)

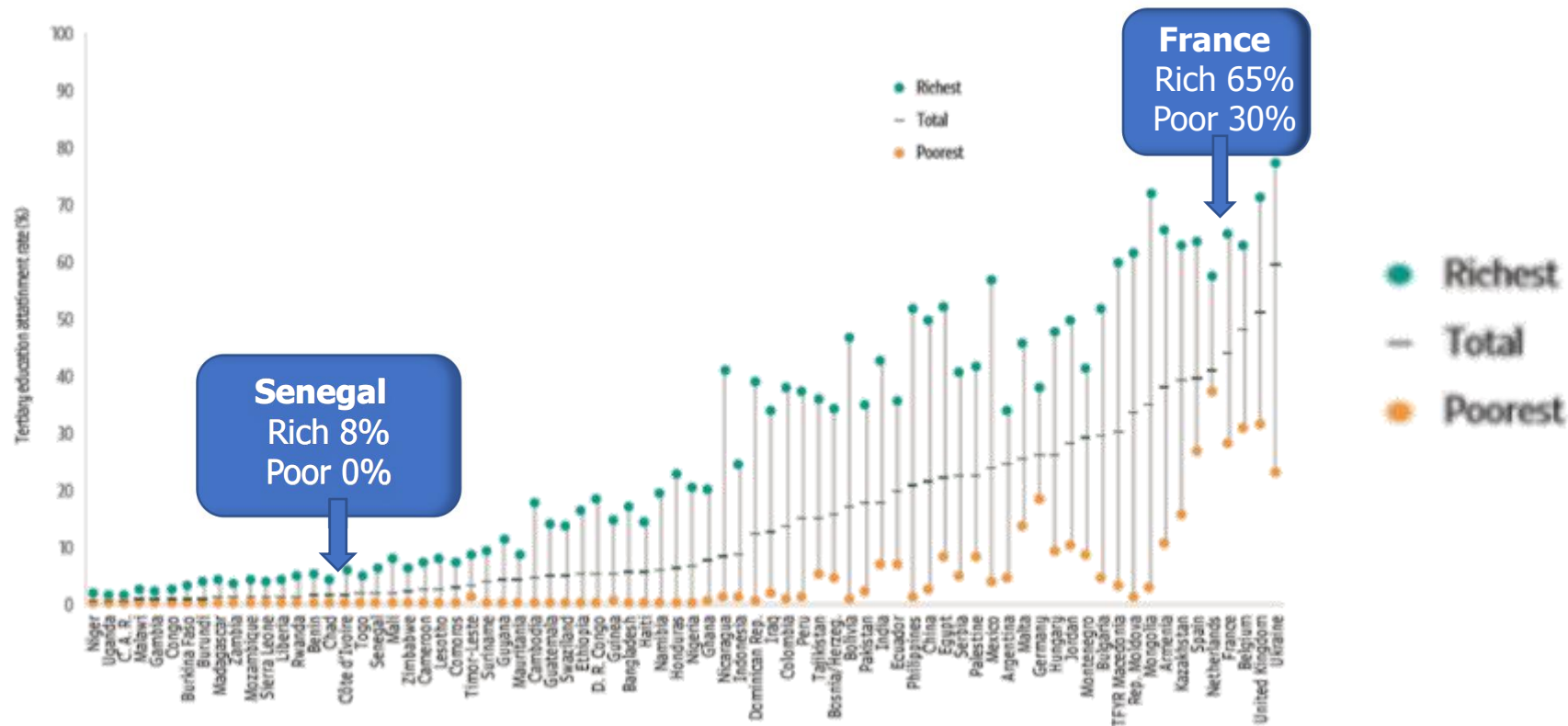


# % de la Población Económicamente Activa (PEA) con educación superior en ALC



Fuente: Cálculos con base en SEDLAC. Porcentaje de la población entre 25-64 años que reporta haber concluido estudios de educación superior

## But tertiary education remains a privilege



Source: GEM Report team analysis of household survey data.

**% of 25-29 years old who have completed at least 4 years of tertiary education, by wealth**

# There is still a significant disparity in access

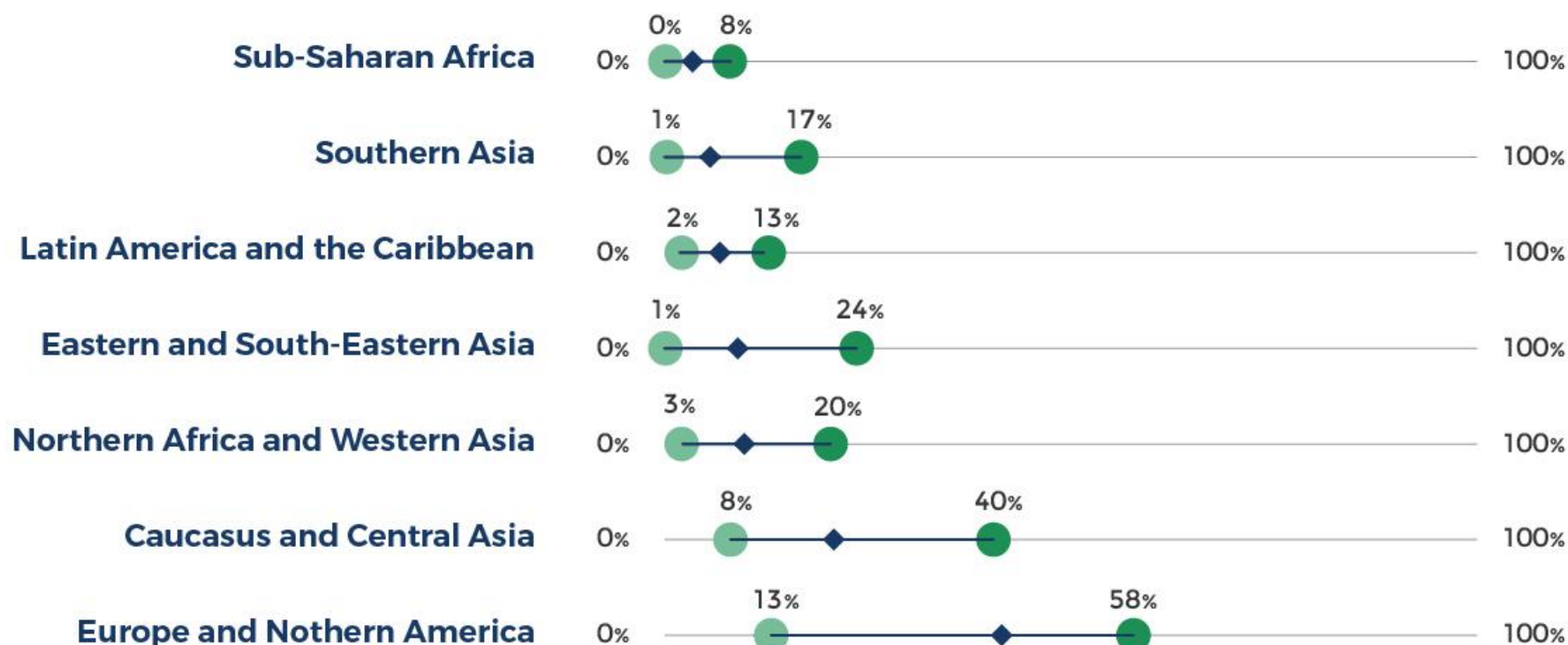


- *Rural*
- *Women*
- *Poor*
- *Socially disadvantaged people*



# Tertiary Education Completion Rate by Wealth

● Poorest ● Richest ◆ National Average



Percentage represents young adults (aged 25-29) who have completed at least 4 years of education.

Source: UNESCO

# Higher education

*...the greatest equalizer, or a contributor to prolonged inequality?*

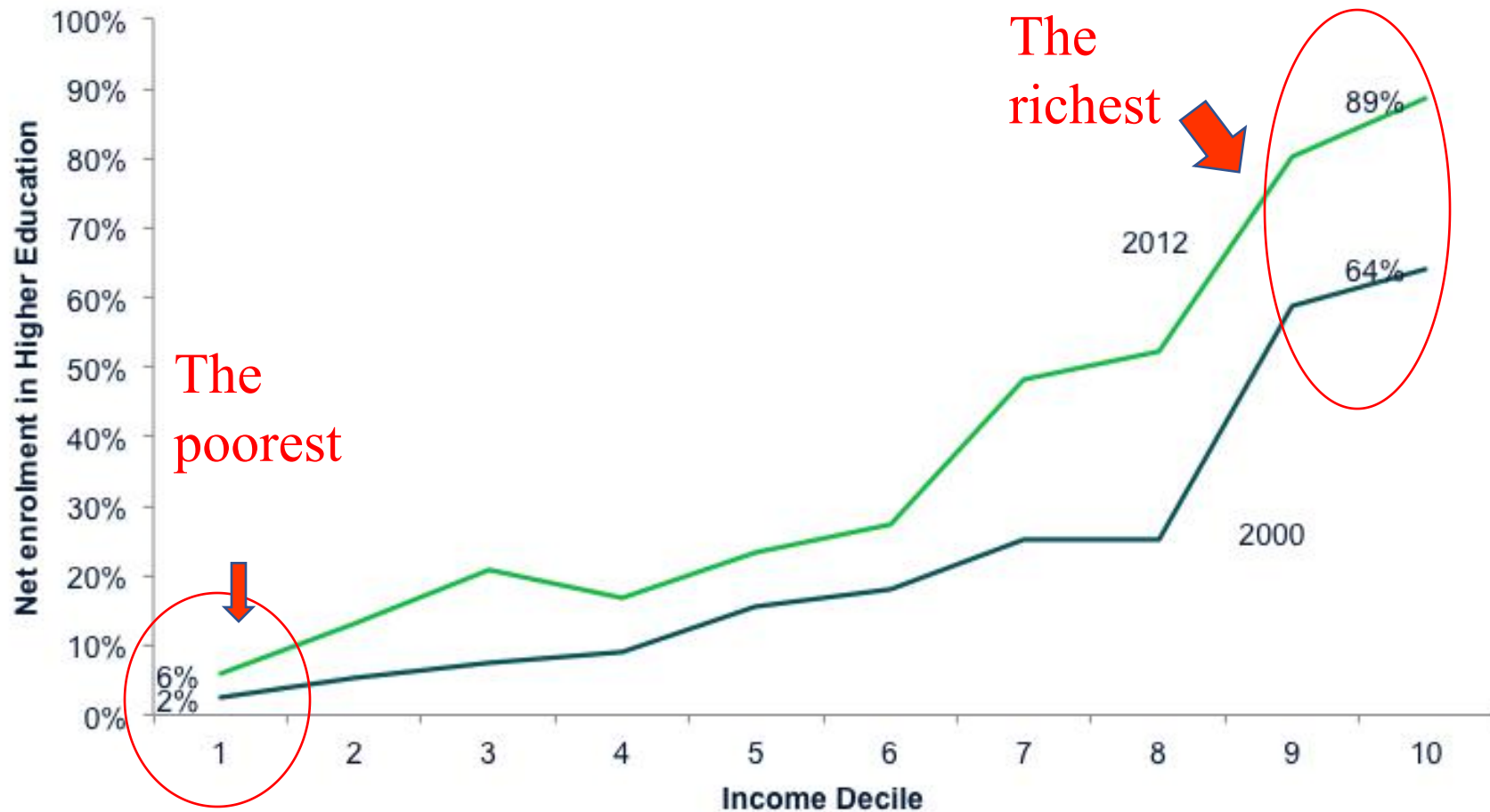


@fmarmole

Email: [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# The case of Mexico

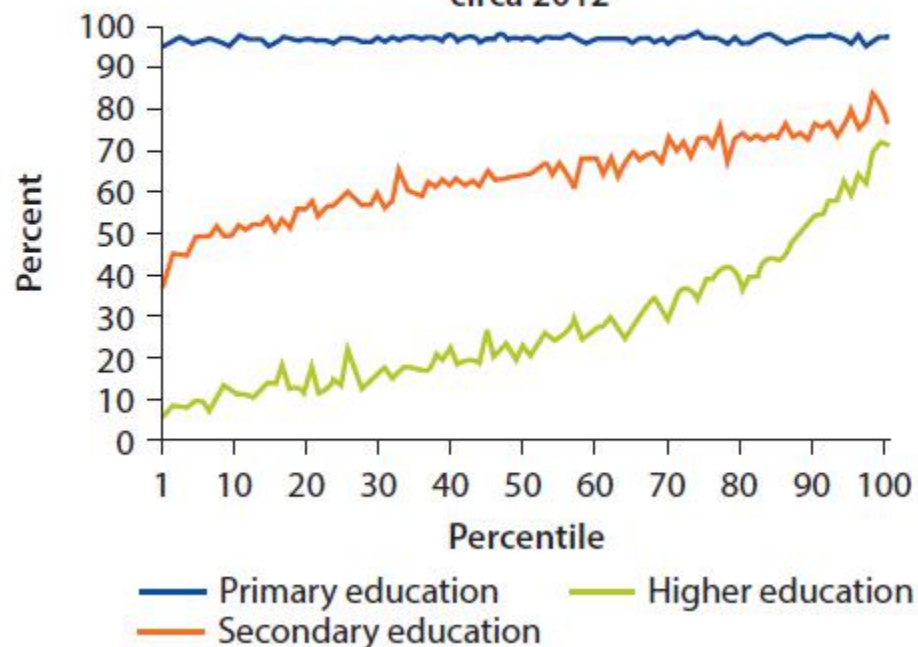
## Who is having access to higher education?



Source: The World Bank

# The case of Latin America and the Caribbean

a. Access probability across percentiles of household per capital income, circa 2012



Source: World Bank calculations using SEDLAC.

Note: The probability of access to higher education is the share of individuals ages 18–24 years who have ever had access to higher education. The probability of enrollment in secondary education is the share of individuals ages 12–18 years who have ever had access to secondary education. The probability of enrollment in primary education is the share of individuals ages 6–12 years who have ever had access to primary education. The figure reports

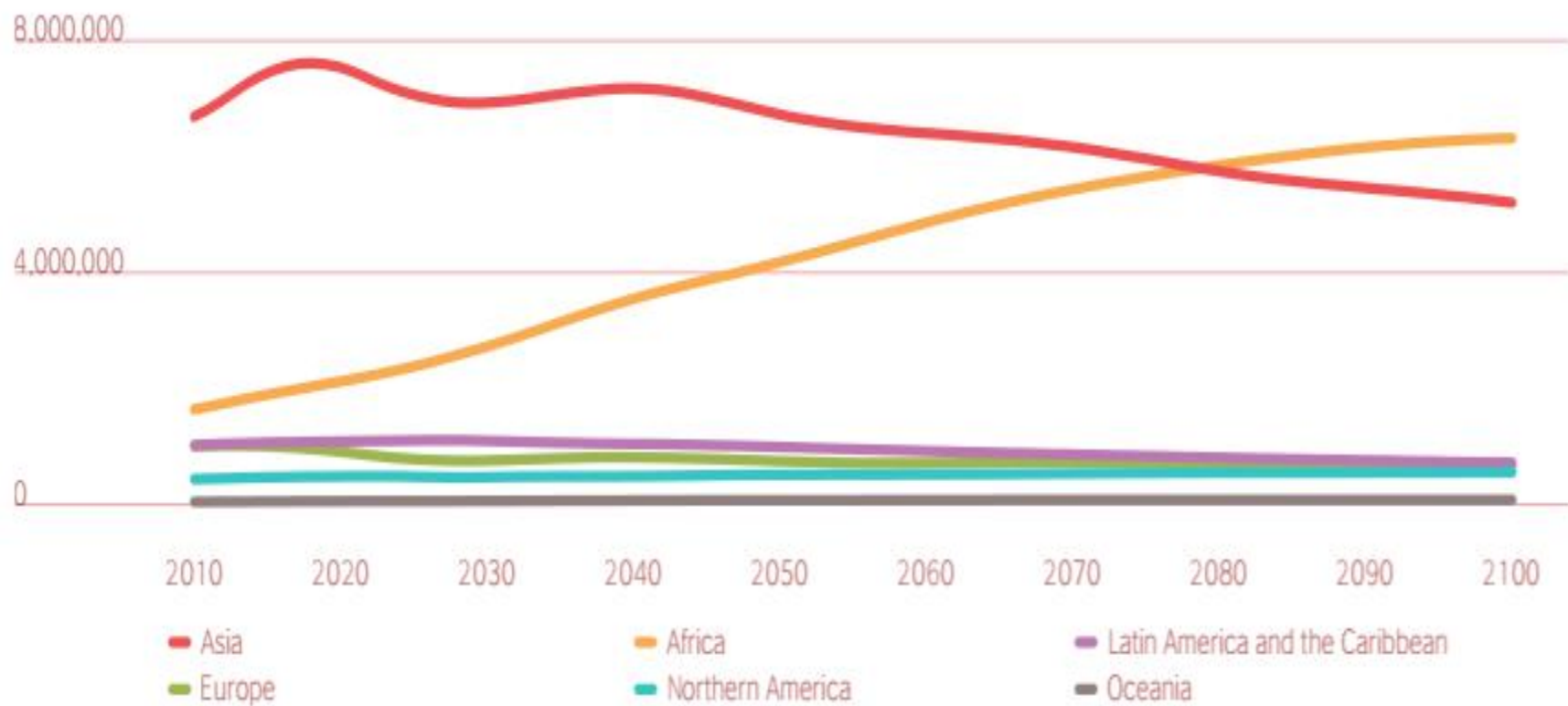
...and an internationalized higher  
education, still a privilege for  
*fewer*



@fmarmole

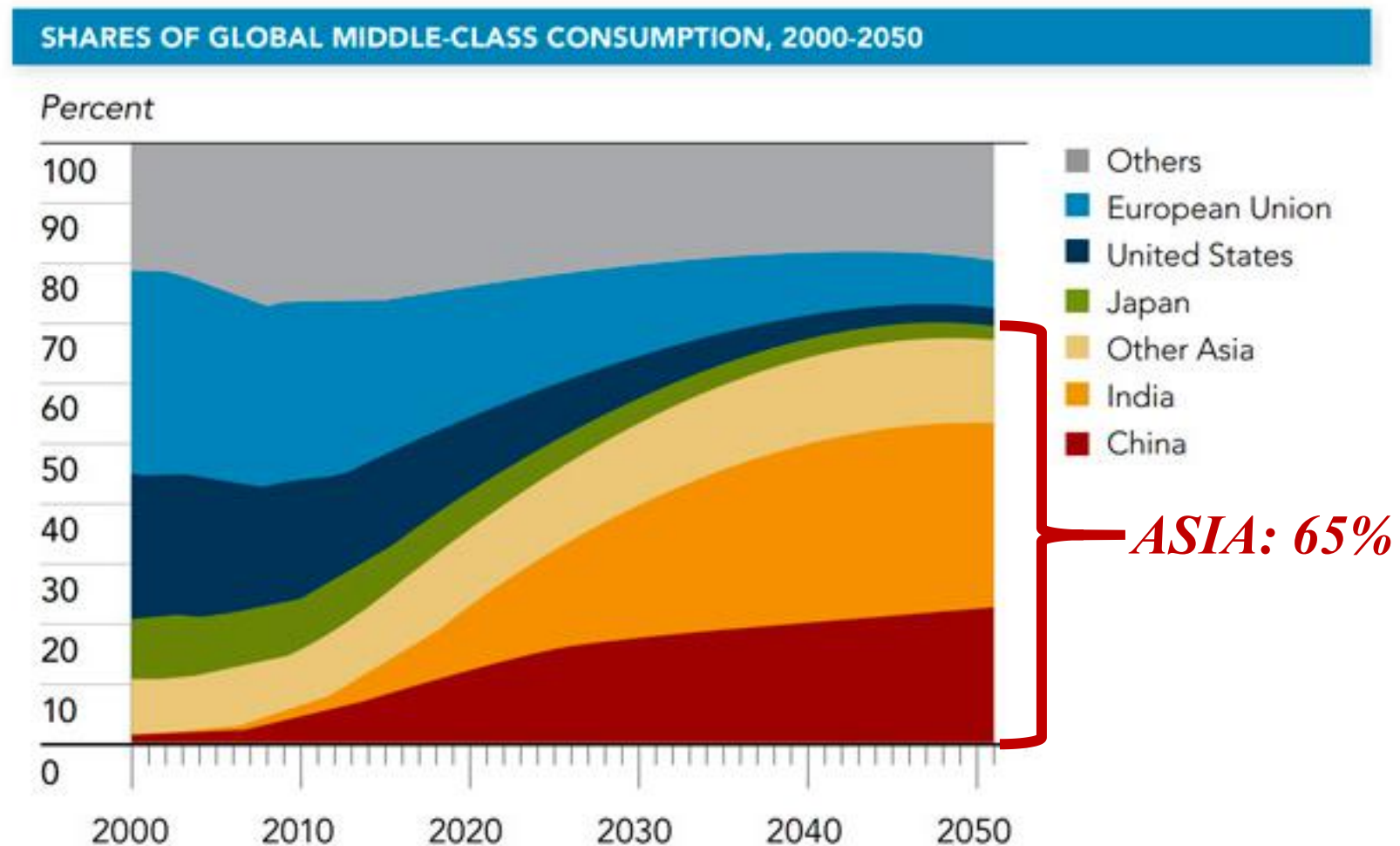
Email: [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# Youth (aged 15-24) population projections by region, 2010-2100



Source: UN Population Division

# Growth in the Global Middle Class is Centered in Asia



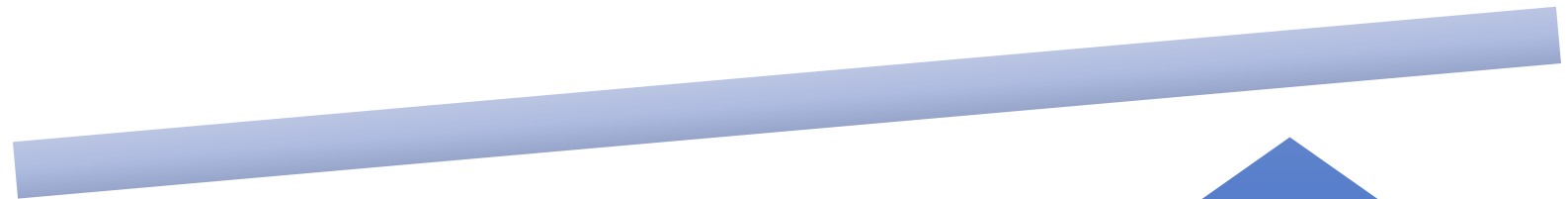
Source: OECD.

Middle Class= annual income for a four-person household of \$14,600 to \$146,000 at PPP

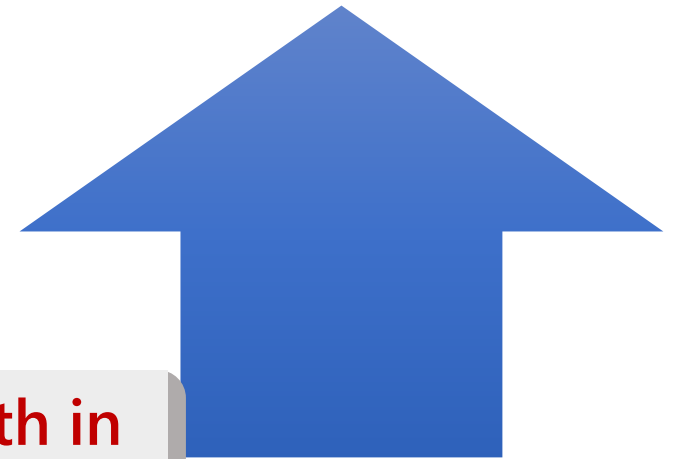
# A dramatic demographic shift...



From 2015-2050, the total population in most of Europe will decrease by 5 % while most of Africa will grow by more than 40 % (World Bank, 2015).



By 2030, 42 % of the youth globally will live in Africa



**Currently more than 70 percent of youth in Africa live on less than 2 U.S. dollars per day**



# An equal world?



**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

An unequal world...



...with increased inequity





Distant realities...



# Distant realities



Distant

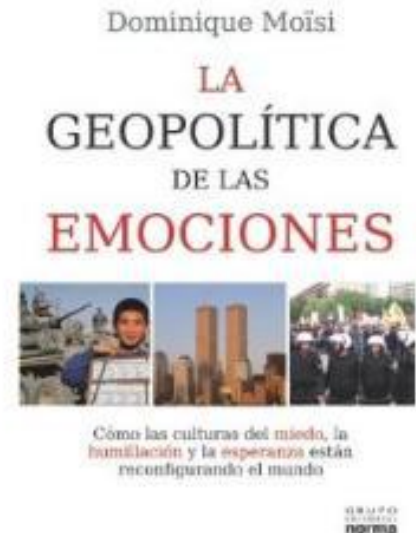
realities

# Distant (and no so distant) realities



The poor know how the rich live, and vice versa. As a result, it has become increasingly difficult for the rich to ignore the world's poor, whose anger they witness on the evening news.

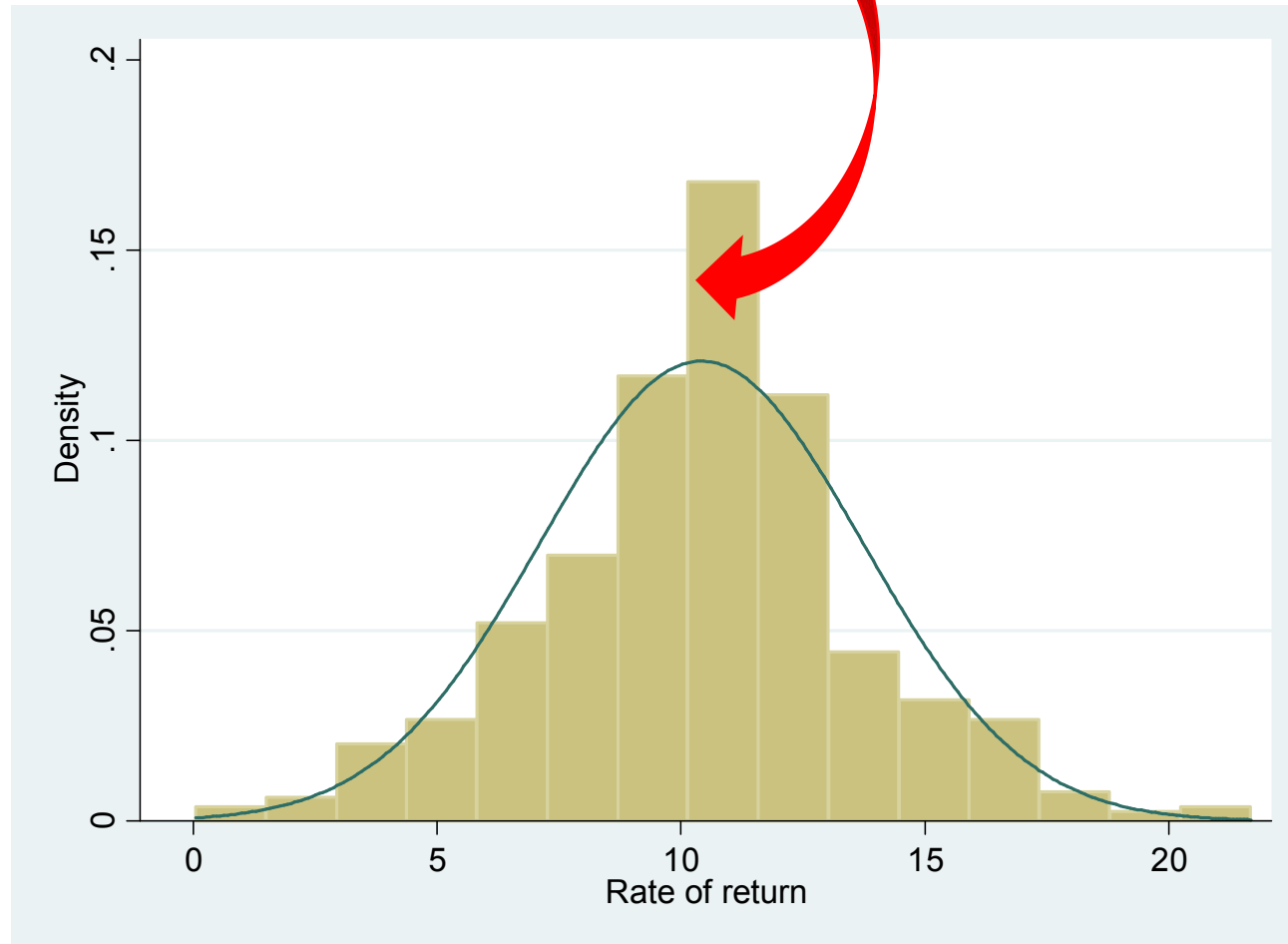
Dominique Moisi.  
Geopolitics of Emotions





**A key challenge: Balancing  
equality of opportunities  
with high academic standards  
...and relevance**

Average rate of return to year of schooling is  
**10.4%**



Based on comparable estimates of 545 observations, 131 economies, 1970-2011  
In Latest year available: average rate of return is 9.9%

Source: Montenegro, C.E. & H.A. Patrinos (2013). Returns to Schooling around the World. The World Bank

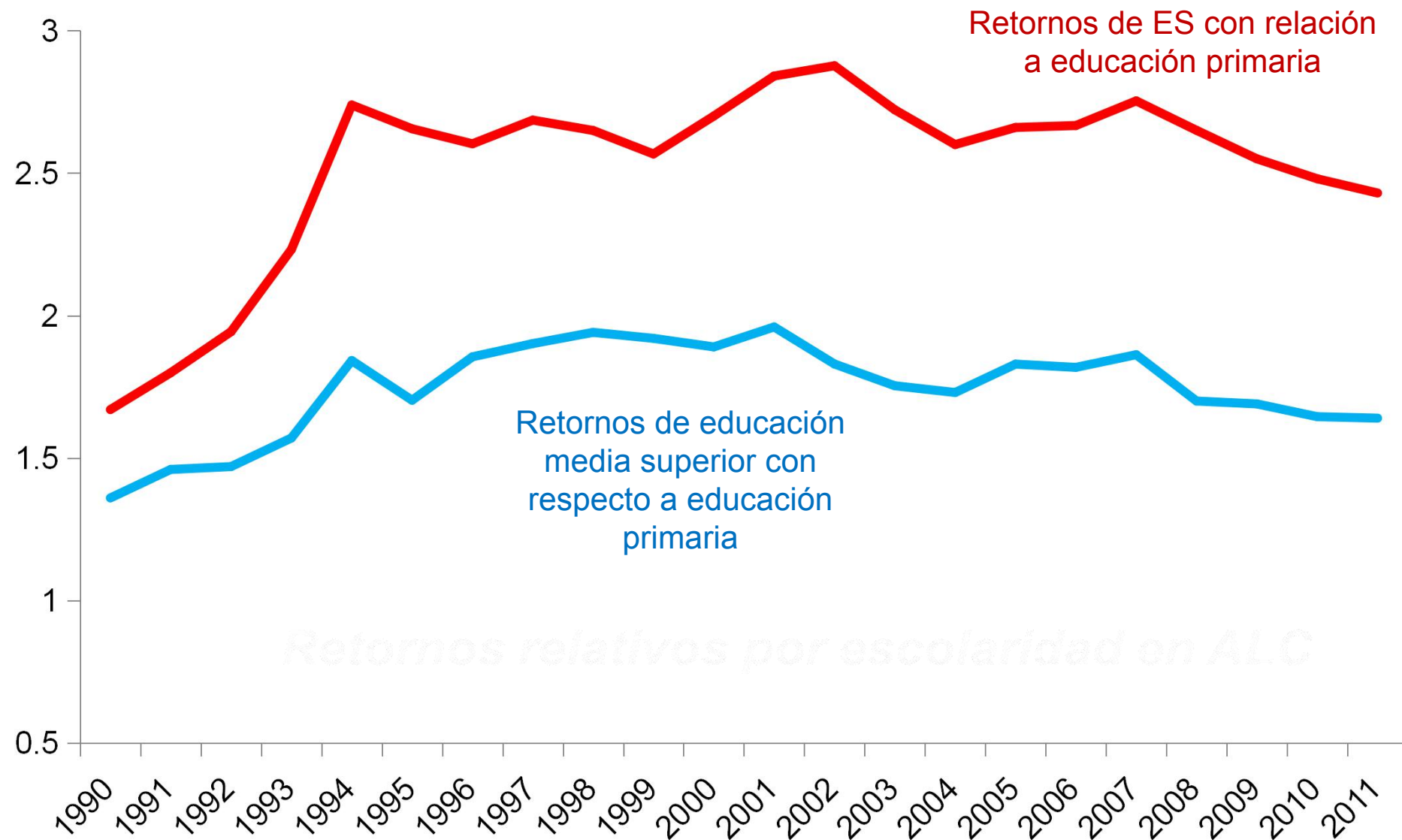
# *Economic returns by educational level and region\**

Region	Primary	Secondary	<b>Tertiary</b>	GDP/pc (PPP 2005)	N
World	10.3	6.9	<b>16.8</b>	6,719	74
Middle East and North Africa	9.4	3.5	8.9	3,645	7
South Asia	9.6	6.3	18.4	2,626	4
Eastern and Central Europe	8.3	4.0	10.1	6,630	7
High Income Economies	4.8	5.3	11.0	31,748	6
East Asia and Pacific	11.0	6.3	15.4	5,980	6
Latin America and Caribbean	9.3	6.6	17.6	7,269	20
Sub-Saharan Africa	13.4	10.8	21.9	2,531	24

*\* Latest available year between 2000-2011*

Source: Montenegro, C.E. & H.A. Patrinos (2013). Returns to Schooling around the World. The World Bank

# Los retornos a la ES y en EMS en ALC han estado decreciendo desde el año 2000



However... returns are declining

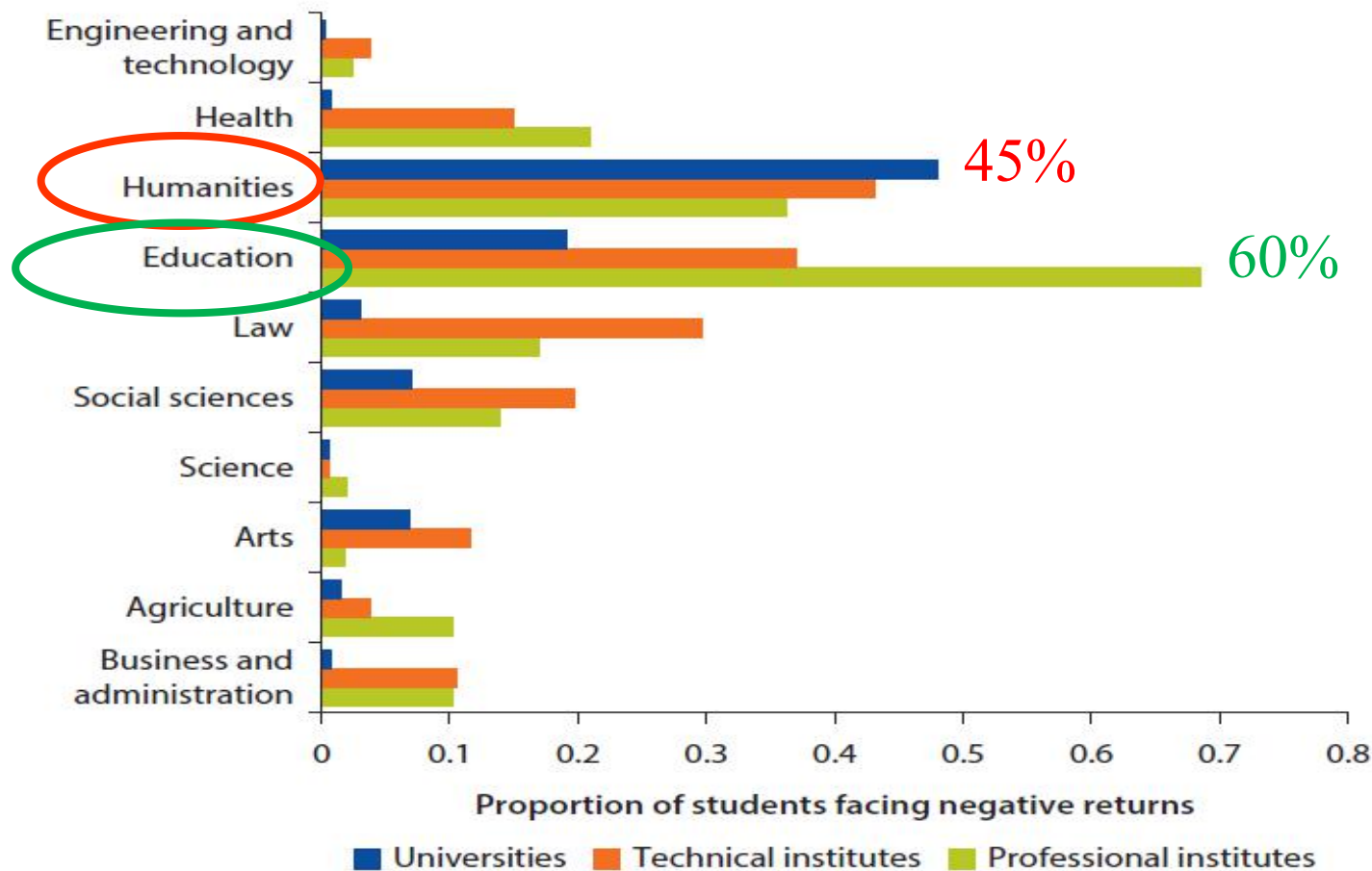


...and even the ones having access to higher education, not always reap the benefits



The case of Angelo

# Proportion of students facing negative expected returns to higher education in Chile, by field and HEI type



Source: Espinoza and Urzúa 2016.

Note: The figure shows, for each field and HEI type, the proportion of students facing negative expected

**It matters**



## 8,000 candidates appear for Goa government exam, all of them failed!



IndiaToday.in

New Delhi

August 22, 2018

UPDATED: August 22,  
2018 13:28 IST



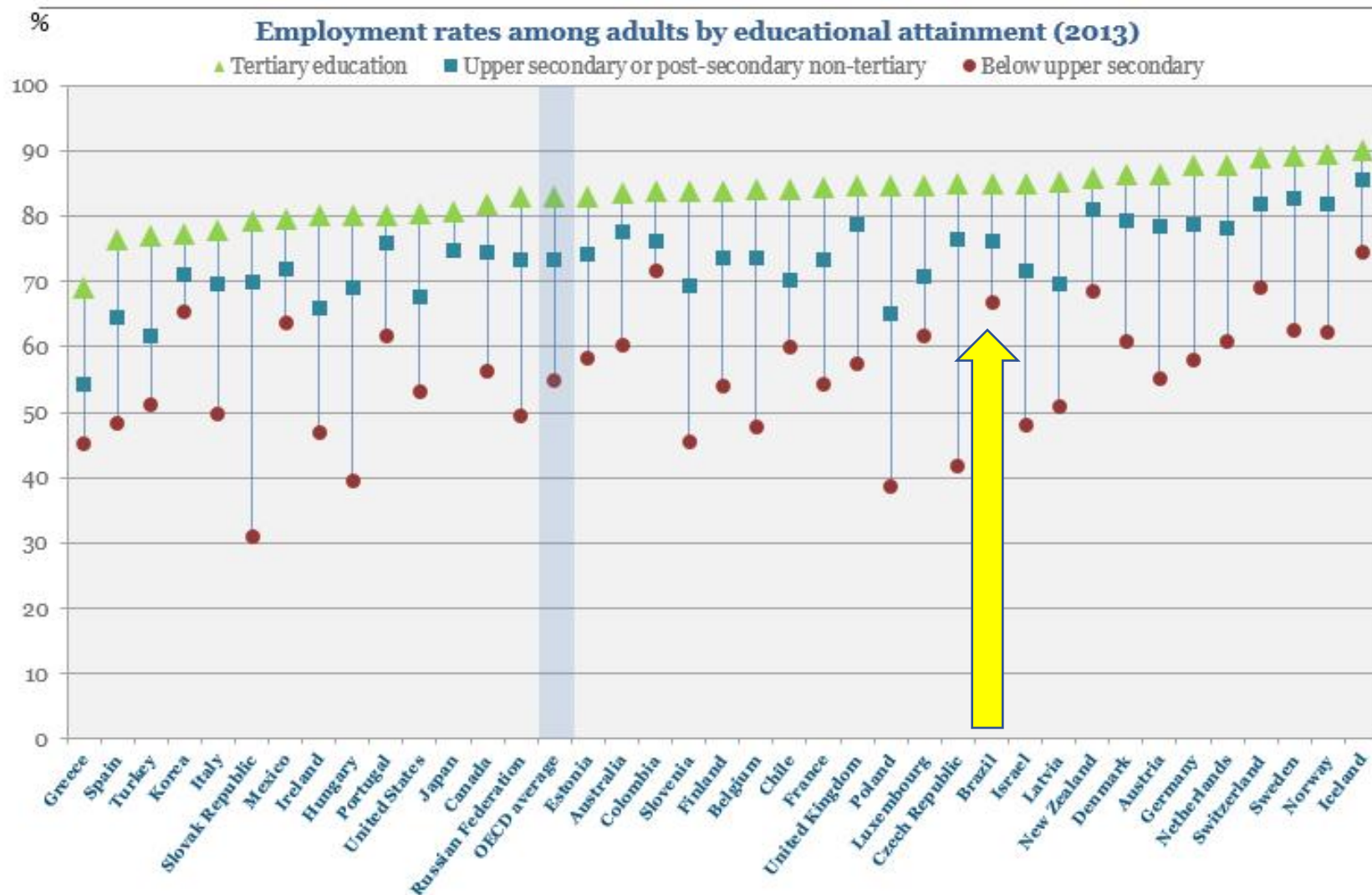
✉ EMAIL AUTHOR



**R**ecently, an examination was conducted by the [Goa](#) government 's director of accounts for 80 posts of accountant in the state government. As per the records, around 8,000 candidates appeared for the examination.

The surprising fact is that none of the candidates could pass the examination. Yes, you read it right! All the aspirants failed the test.

# Employability of university graduates



Source: OECD (2015), *Education at a Glance Interim Report: Update of Employment and Educational Attainment Indicators*, OECD, Paris, [www.oecd.org/edu/EAG-Interim-report.pdf](http://www.oecd.org/edu/EAG-Interim-report.pdf).



SCHOOL

What are students learning?

## *Bloom's Taxonomy (Revised)*

Creating

Evaluating

Analyzing

Applying

Understanding

Remembering

?



# Job requirements of Hilton Hotel management trainee in Shanghai, China

## 1986

### 上海静安希尔顿酒店招聘启事



本五星级酒店是国际希尔顿公司在中国管理的第一个企业，属全外资合作经营，楼高 43 层，客房 800 间，中外餐厅酒吧 8 个，设备极其豪华，位于上海静安区。将在明年年中以后开始营业，届时将成为国际希尔顿公司在世界 50 多个国家，超过 100 个酒店的大家庭中的一员。现在招聘受训管理人员，条件如下：

- 素质：品质优秀，态度良好，勤奋好学。
- 年龄：20 岁至 26 岁（1959 年-1966 年出生）。
- 文化程度：大学或大专毕业。
- 外语程度：英语“新概念”第二册以上，会话流利；同时能操其他外语者，优先考虑。
- 健康状况：优良。
- 其他：住处最好在静安区附近。

如具备上述条件，并有意尝试在我酒店取得发展者，请在八月二十、二十一、二十二日三天上午 9：00-11：00，下午 2：00-5：00，带学历证明，本人近期照片一张和五元报名费，到茂名北路 40 号新群中学报名。如为在职者，应持所属单位许可证明。

## 2018

### 希尔顿酒店集团管理培训生

我们寻找什么样的人？

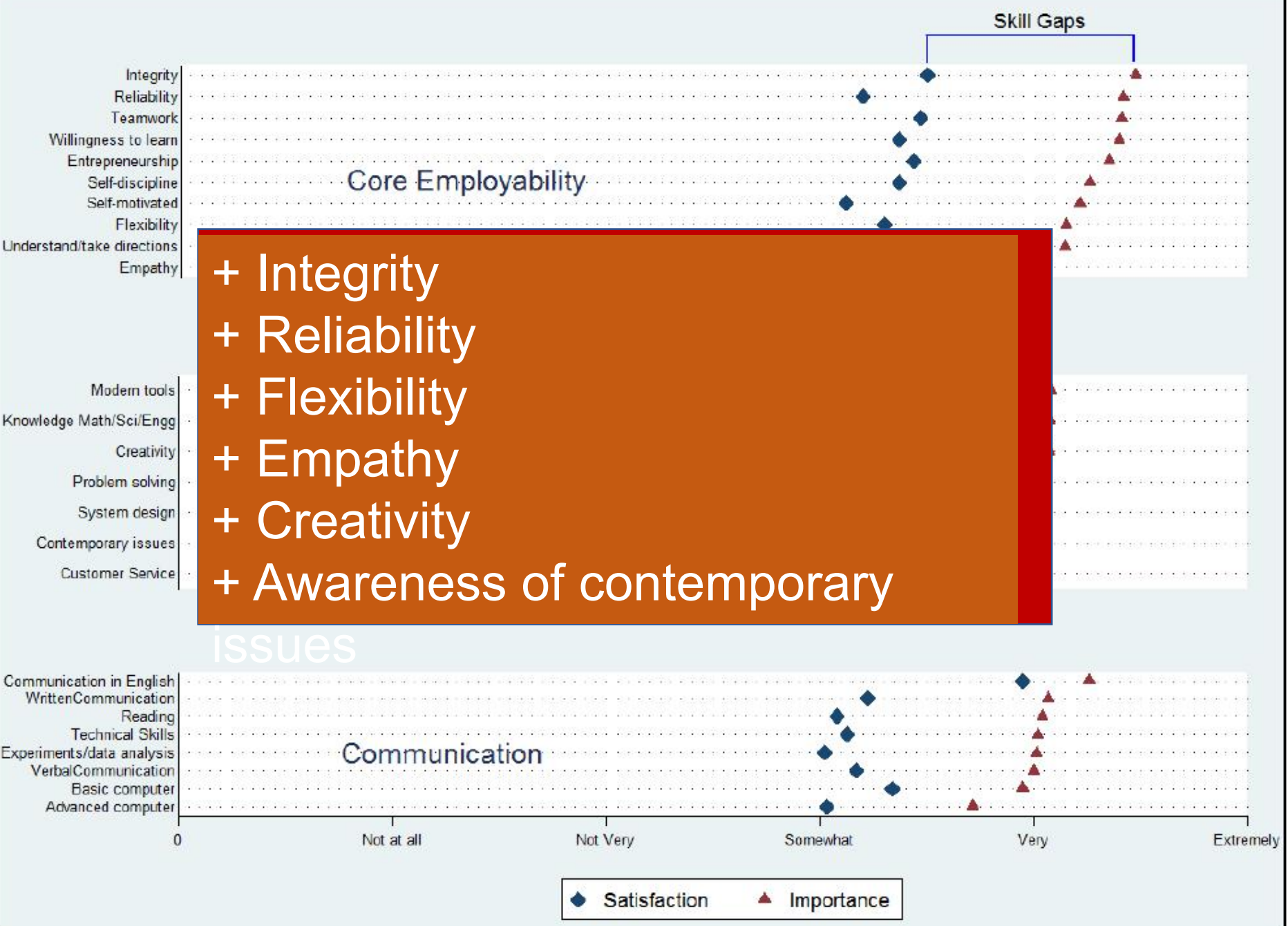
希尔顿全球酒店集团旗下品牌酒店及度假村的前台管理培训生始终要以宾客的利益为重并与其他团队成员密切合作。若要成功地应聘这一职位，您的态度、行为、技能和价值观应符合下列标准：

- 在酒店、休闲和/或娱乐行业有过服务经验
- 积极的工作态度和良好的个人表达与沟通能力
- 提供高水平客人服务的热情
- 独立工作能力以及团队协作能力
- 精通计算机，能够利用酒店系统进行操作
- 四年本科学历以及至少两年工作经验

- Excellent character, willingness to learn
- Ages 20-26
- Bachelor's degree or associate degree
- Proficient in English
- Good health
- Live close to the hotel location

- Hospitality industry experience
- Positive attitude and good communication skills
- Focus on high level of customer service
- Ability to work independently and as part of a team
- Competent level of IT proficiency
- Four-year university degree with at least two years of work experience





# Top 10 skills

## in 2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility



## in 2015

1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity



# 10 key skills for future graduates



Sense-making



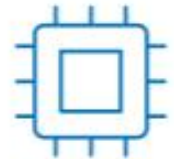
Social  
intelligence



Novel & adaptive  
thinking



Cross-cultural  
competency



Computational  
thinking



New media  
literacy



Transdisciplinarity



Design  
mindset



Cognitive load  
management



Virtual  
collaboration

**Source: The Institute for the Future.**

**British Council (2017). 10 trends Transformative changes in higher education**



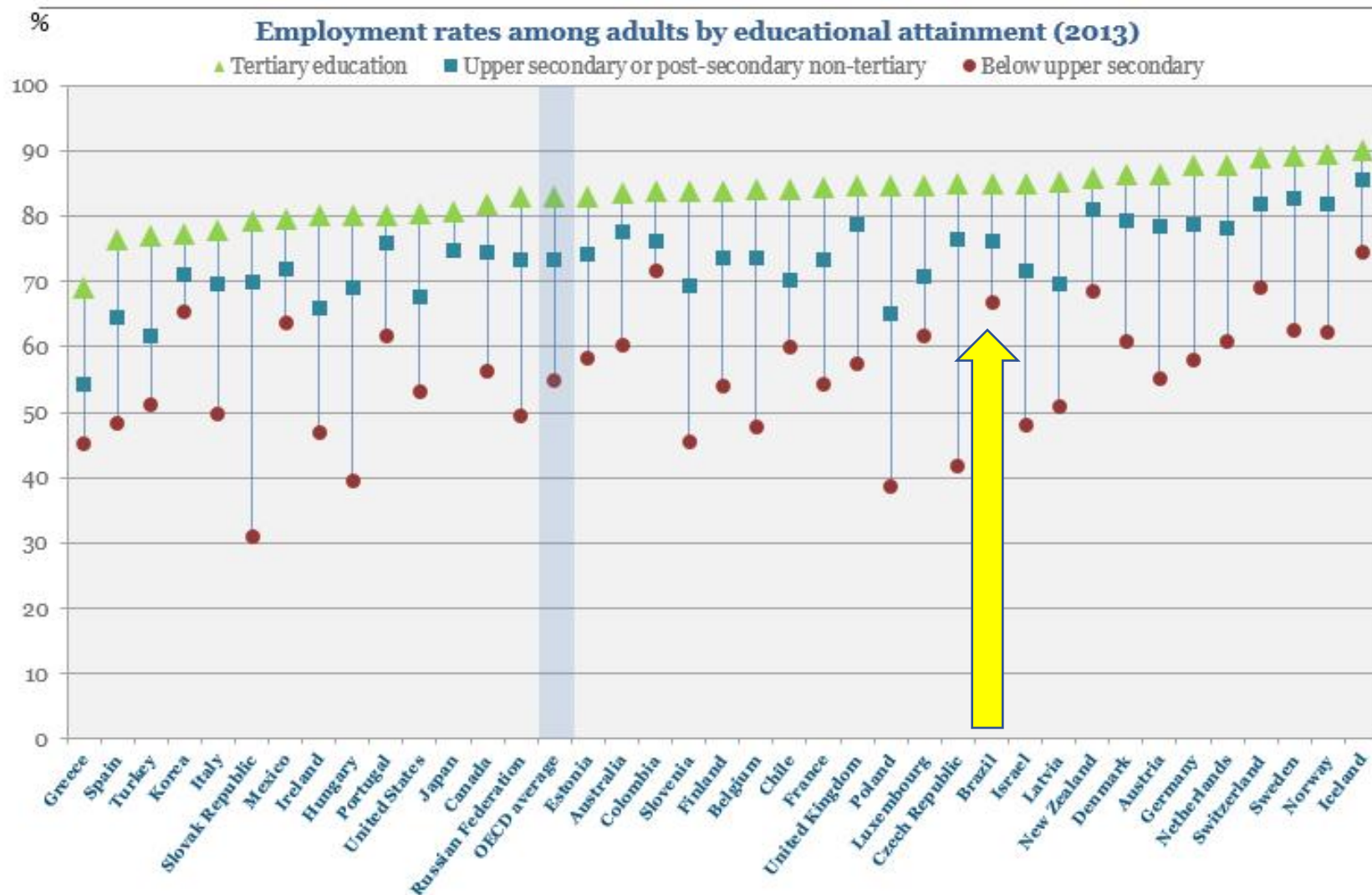
**It is much more than just economic  
returns**



**@fmarmole**

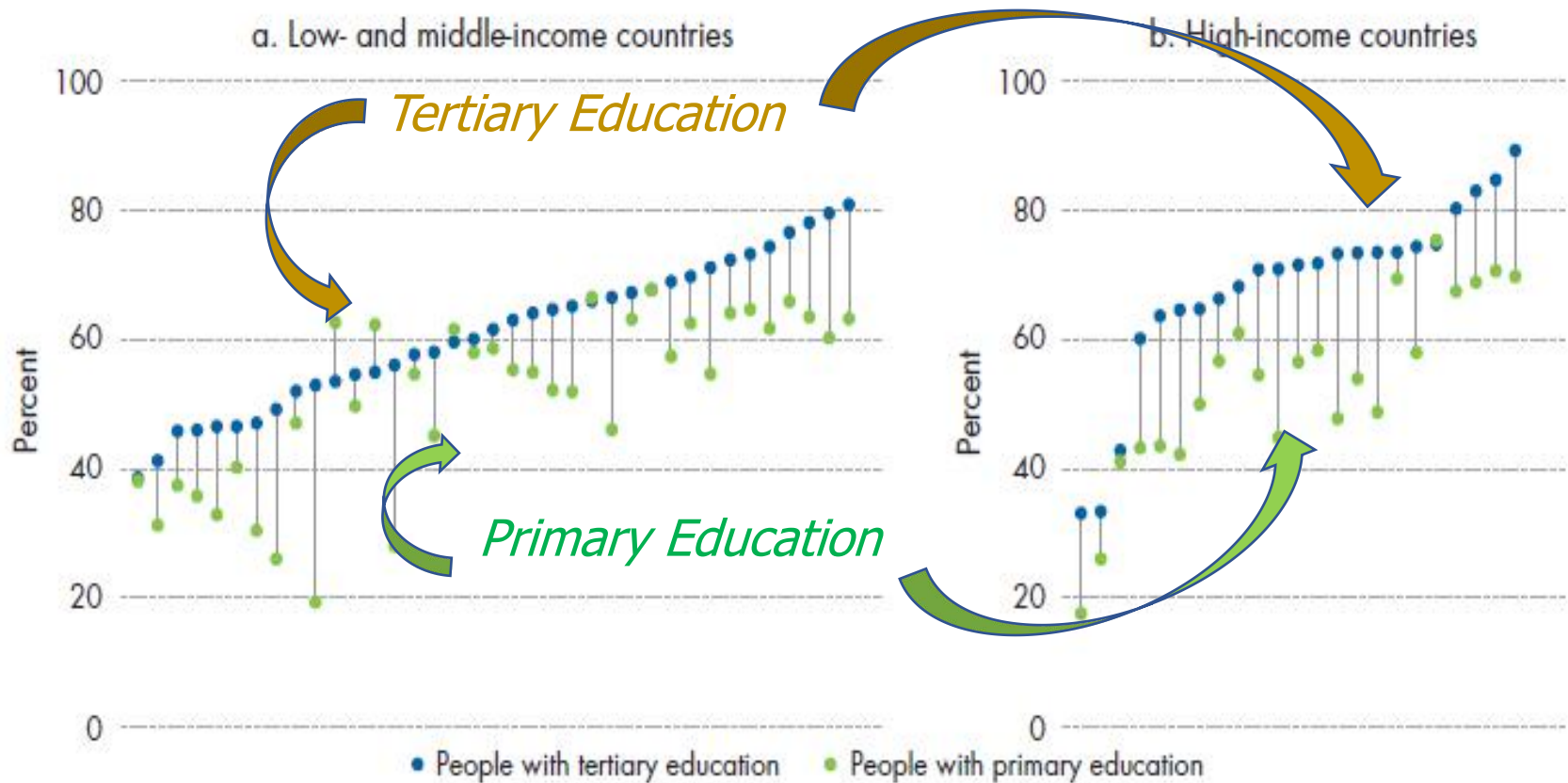
**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# Employability of university graduates



Source: OECD (2015), *Education at a Glance Interim Report: Update of Employment and Educational Attainment Indicators*, OECD, Paris, [www.oecd.org/edu/EAG-Interim-report.pdf](http://www.oecd.org/edu/EAG-Interim-report.pdf).

# Percentage of population that believes it is “absolutely important to live in a democracy,” by country and level of education



Source: WDR 2018 team, using data from World Values Survey (World Values Survey Association 2015). Data at [http://bit.do/WDR2018-Fig\\_1-3](http://bit.do/WDR2018-Fig_1-3).

## LIFE EXPECTANCY



Education means a longer life.

People who graduate from college live at least 5 years longer than people who don't finish high school.

*The* **NATION'S HEALTH**

A PUBLICATION OF THE AMERICAN PUBLIC HEALTH ASSOCIATION

[www.thenationshealth.org/sdoh](http://www.thenationshealth.org/sdoh)

Higher education as the last place in the formal education system to build tolerance and “otherness” awareness



we aim to **develop** human **personality** and personal **dignity**, respect for **human rights** and fundamental **freedoms** and promoting **understanding, tolerance** and **friendship**

# Unwillingness to accept different people ...

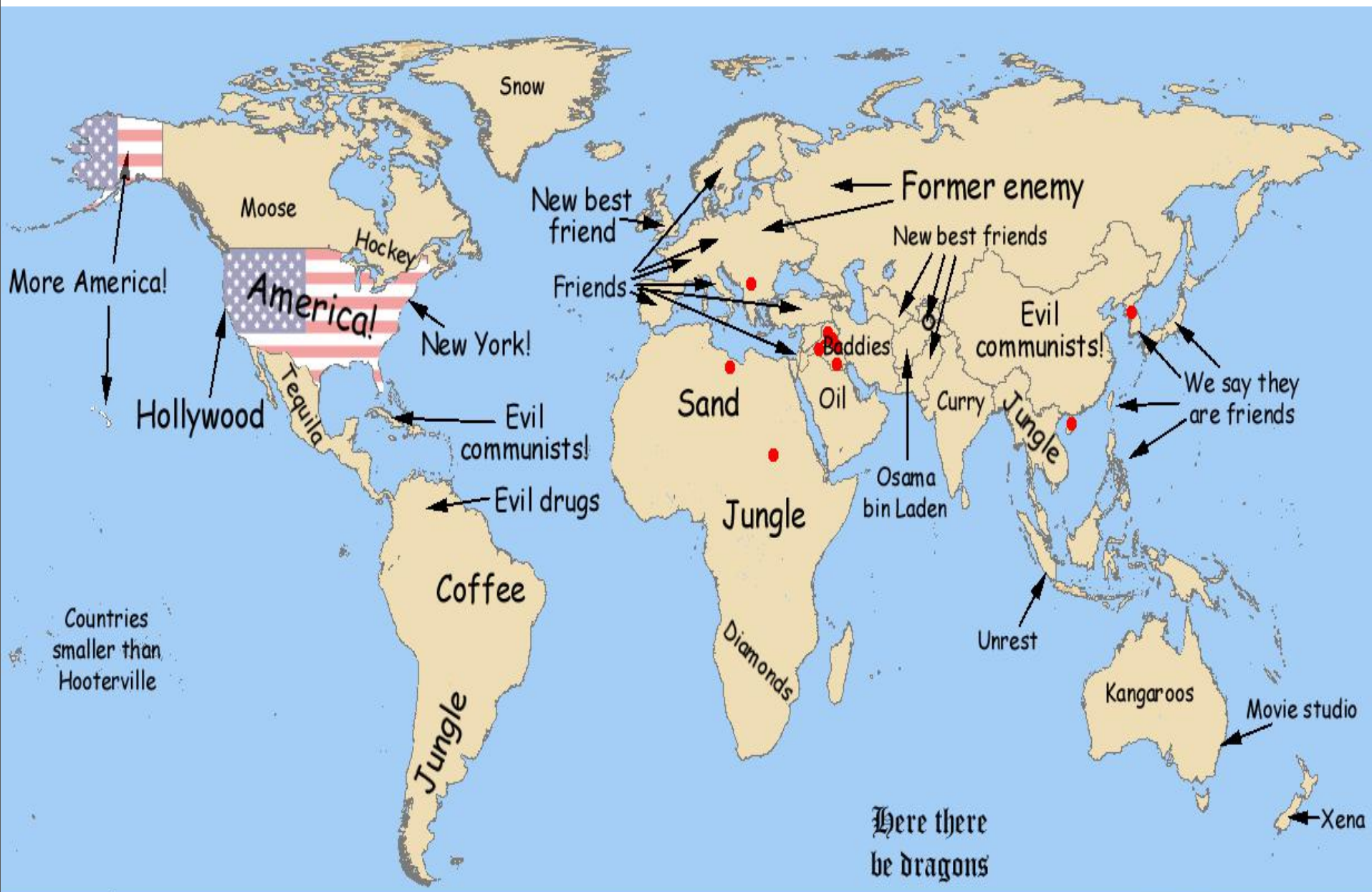
*Personas que no estarían dispuestas a permitir que en su casa vivieran personas...*  
Distribución por nivel de escolaridad.



Elementary  
education

Higher  
education





The world according to the United States of America

• Bombed here



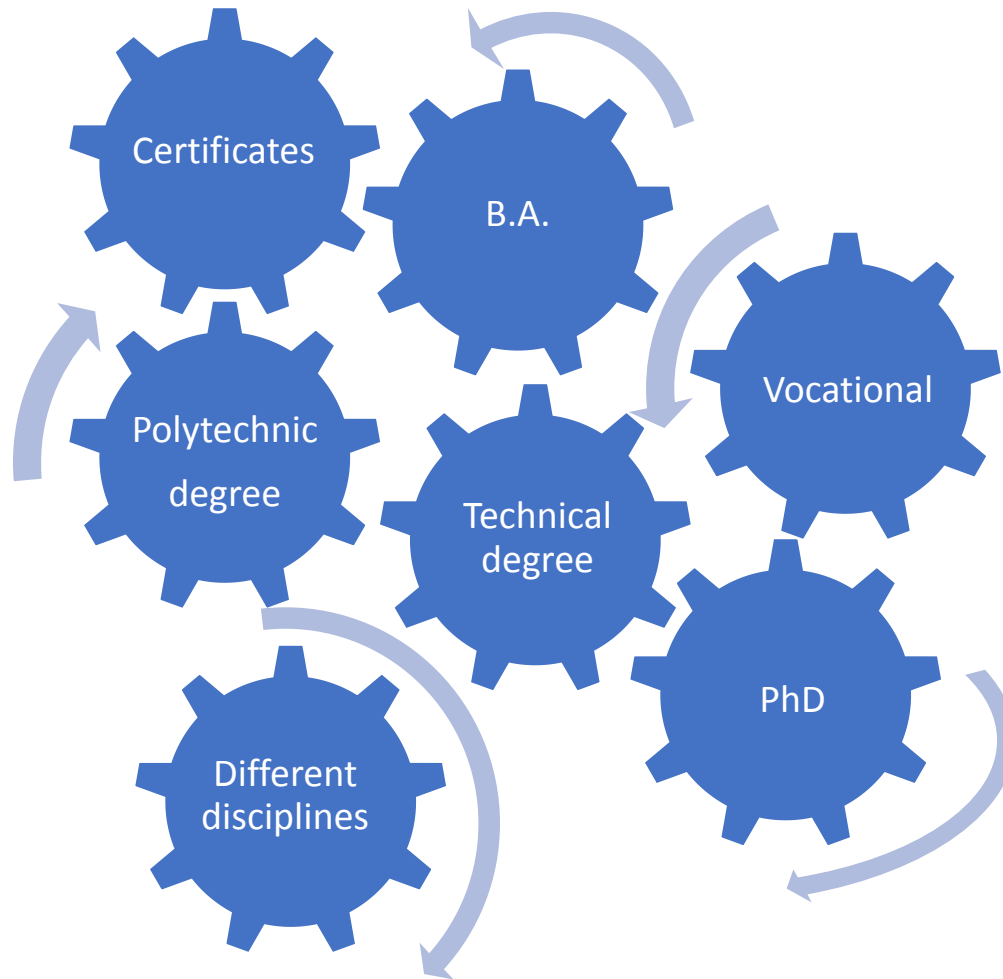


2

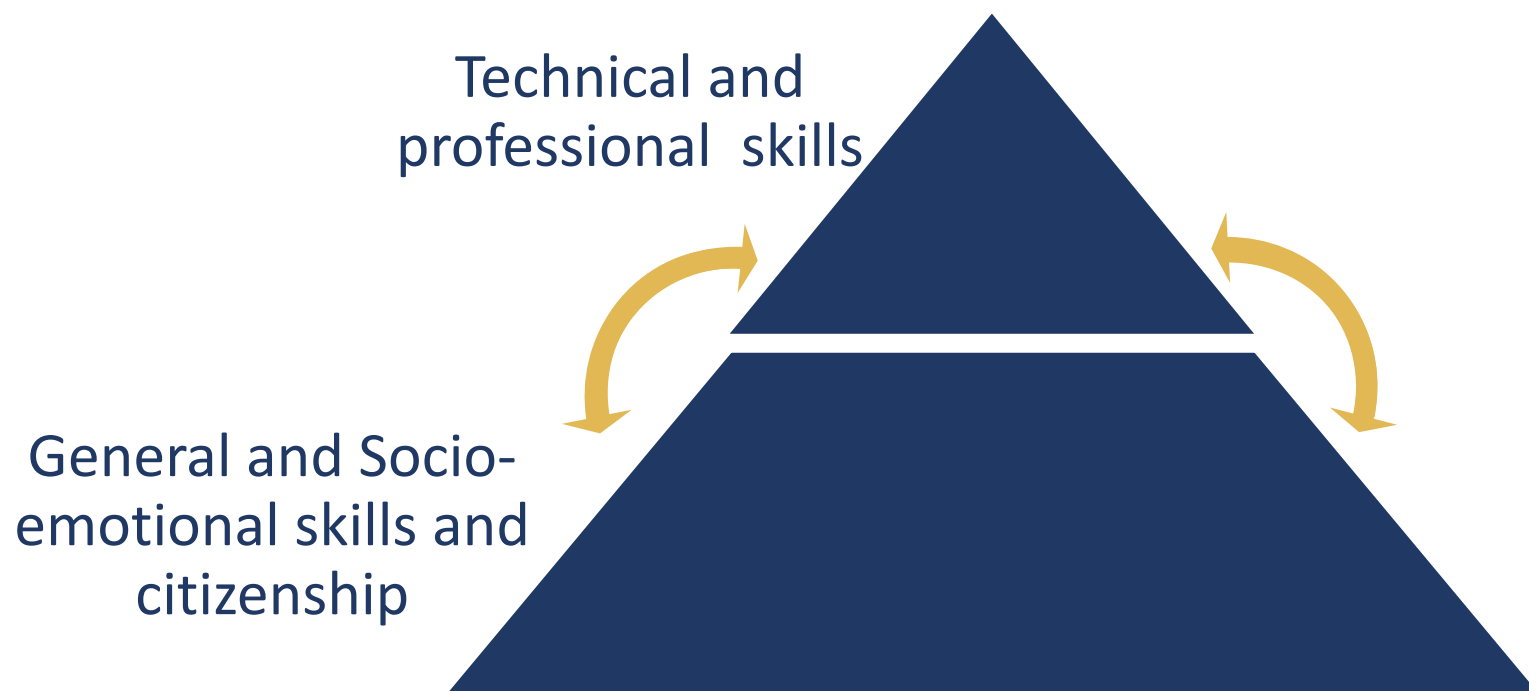
# Flexibility

**Is university the only path to success?**





## How do we build these skills? A shift needed



# When is it convenient to intervene towards the development of skills?

Skills	Policy Options
Socio-emotional (Responsibility)	<ul style="list-style-type: none"><li>• <b>When</b> 6-11, 12-18; Neuro biological psychological and sociological context</li><li>• <b>Who</b>: schools, extra-curricular activities</li></ul>
Cognitive (Ability to read)	<ul style="list-style-type: none"><li>• <b>When</b>: 0-5 and 6-11 for basic cognitive skills; 12-18 and beyond for more complex cognitive skills</li><li>• <b>Who</b>: parents, schools, pre-school programs, work, TVET institutions, universities</li></ul>
Technical (Computing)	<ul style="list-style-type: none"><li>• <b>When</b>: Basic cognitive skills are needed first.</li><li>• <b>Who</b>: Training institutes, TVET institutions, universities, work.</li></ul>

# Ideal timing for the development of skills

	0-5	6-11	12-18	19-29	30+
<b>Problem solving</b>		X	X		
<b>Persistence</b>	X	X			
<b>Motivation</b>		X		X	
<b>Self-control</b>	X	X	X		
<b>Team-work</b>	X	X			
<b>Initiative</b>	X	X	X	X	
<b>Confidence</b>		X	X	X	
<b>Ethics</b>		X	X		

Source: Guerra and Modecki (2015), *Social-Emotional Skills Development Across the Life Span: PRACTICE*, The World Bank

# *Transformation of the academic curriculum in higher education*

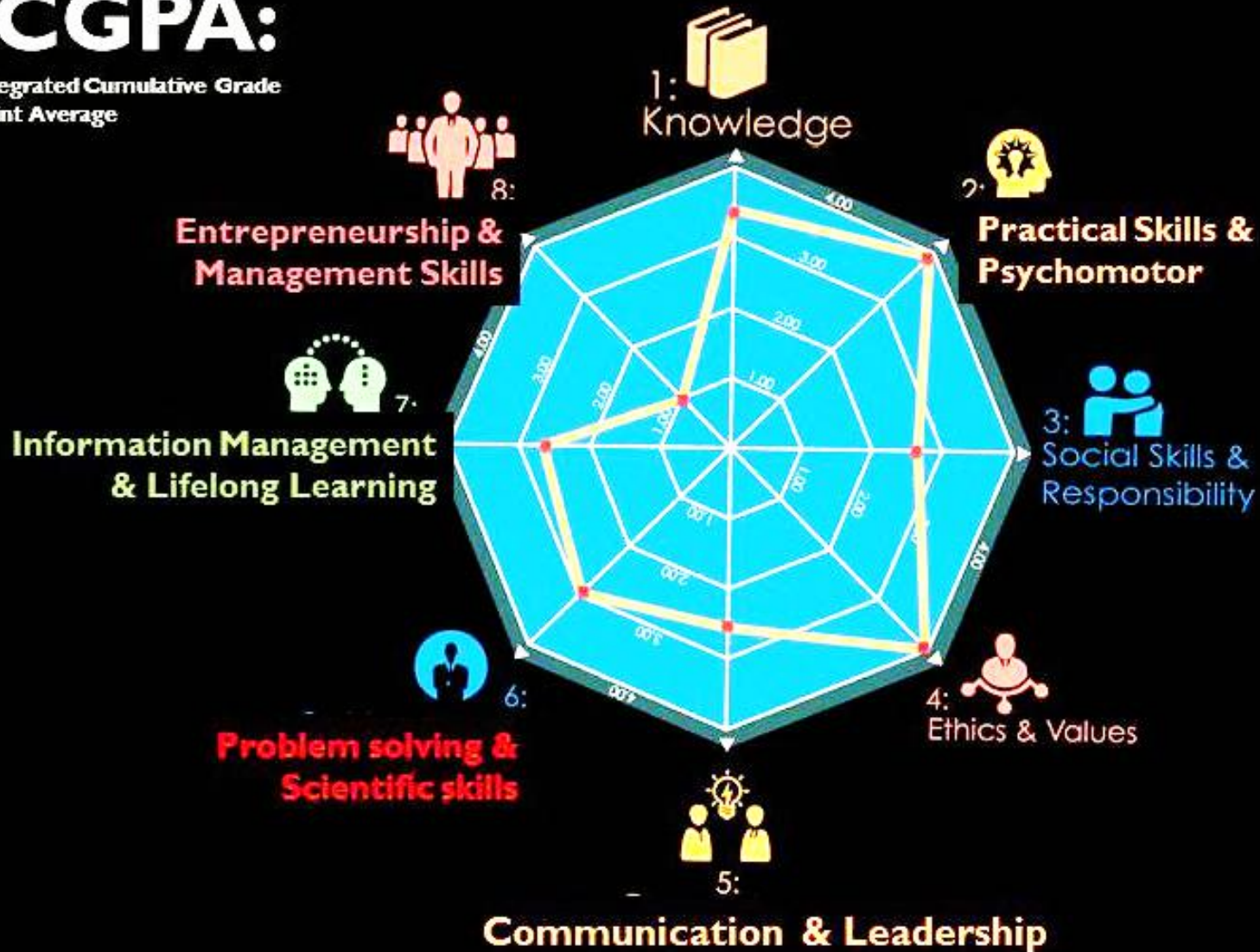
CURRICULUM INNOVATION	General global trends	Current status
<b><i>Recognition of previous learning</i></b>	Increased acceptance. NQF	Incipient / daunting
<b><i>Flexibility in academic subjects</i></b>	General Education	Absent in general
<b><i>Easier transition pathways between levels and institutions</i></b>	Articulation arrangements	Very limited
<b><i>Competency-based portfolio</i></b>	NQF	Absent
<b><i>Blended teaching-learning</i></b>	MOOCs	Incipient
<b><i>Experiential &amp; service learning</i></b>	Co-Op programs	In some cases
<b><i>Internationalization</i></b>	+ 2 <sup>nd</sup> language and increased student mobility + Internationalization “at home”	Still marginal
<b><i>Academic workload</i></b>	Significant “compression”	Excessive academic workload



# The case of Malaysia

**iCGPA:**

Integrated Cumulative Grade  
Point Average





# Governance

# Is regulation needed?

Asymmetric information

Limited computational capacity

Quality is observed with a lag

Social cost of market clearing is too high

## Autonomy vs. regulation



Autonomy

What to teach

What experience  
is given to the  
student

What curriculum

What modes of  
delivery

Regulation

To assure minimum  
standards

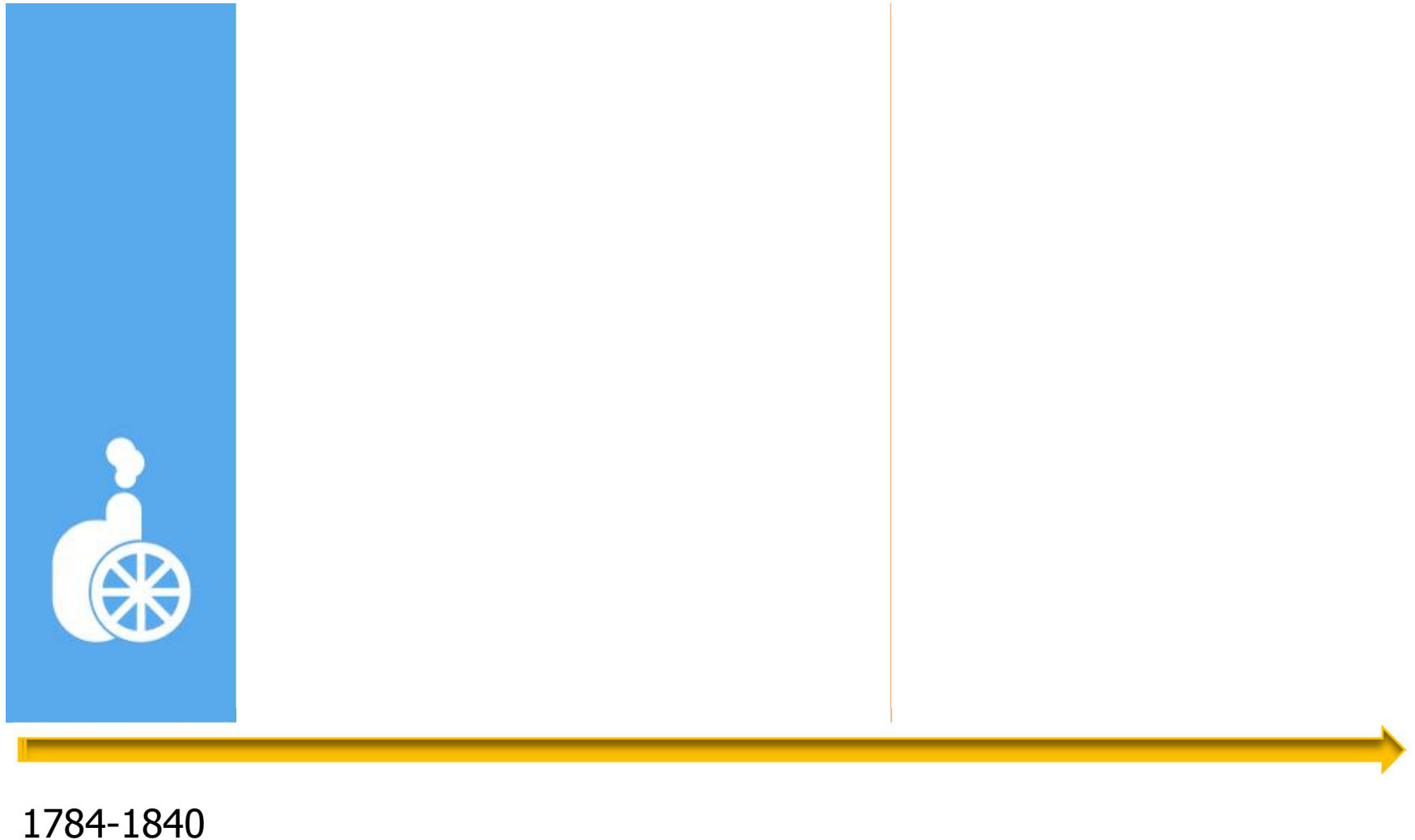
To assure equity of  
access

To allocate public  
financial subsidies  
adequately

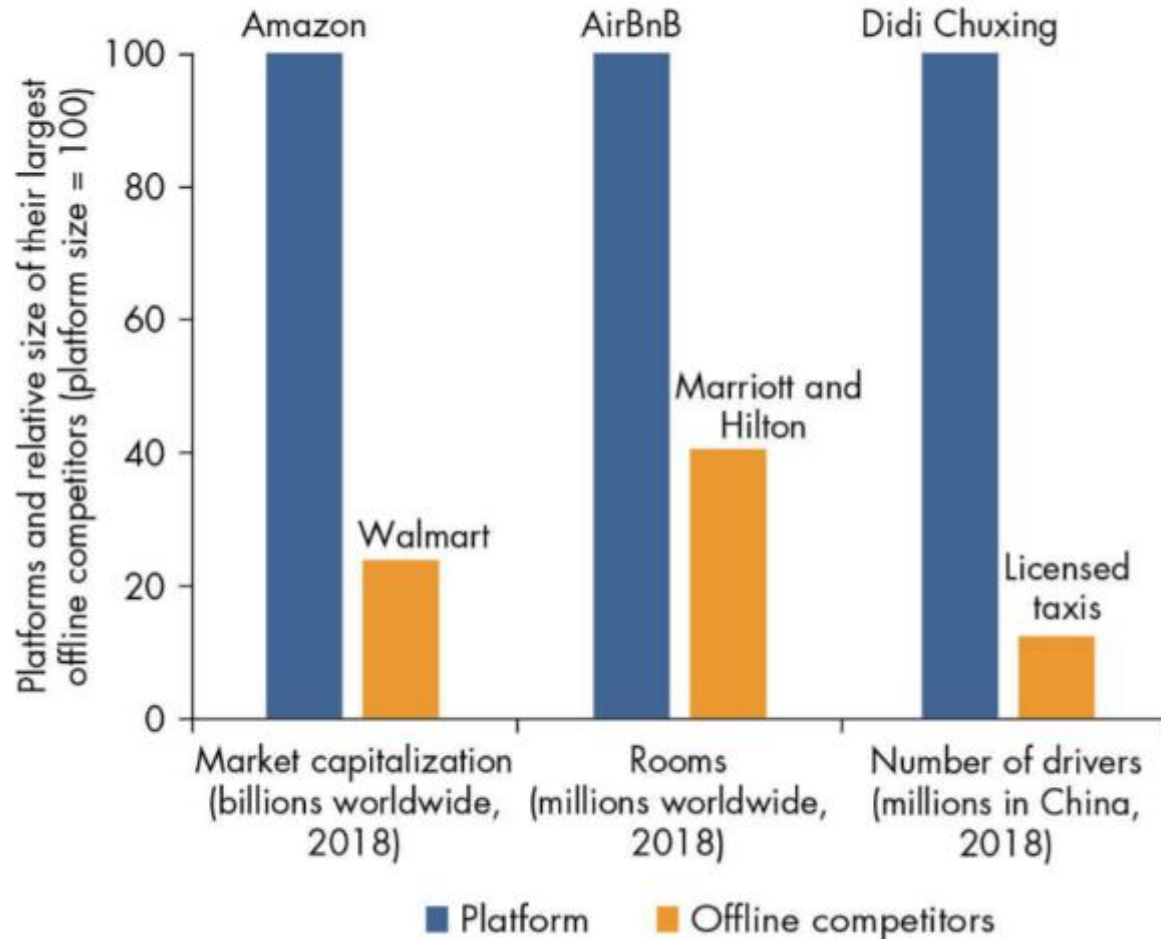
**4**

# Innovation

Is higher education being affected by the ramifications of the IR 4.0?



## ***New Superstar Firms: digital platforms operating globally, existing in the cloud***



Source: Author's calculation, based on data from NASDAQ, AirBnB, Marriot International Inc., Financial Times.

Who told us that the educational institutions shouldn't and can't change?





## *4th Industrial Revolution (IR 4.0): What are we talking about?*

A stage in the development of knowledge in which the lines between the physical, digital and biological spheres are being blurred.



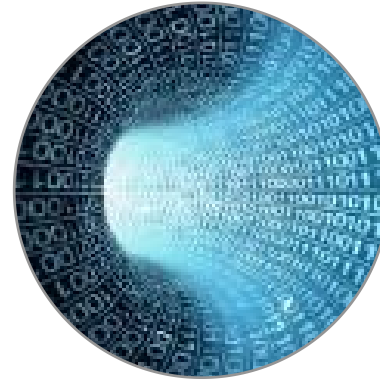
# Potential consequences



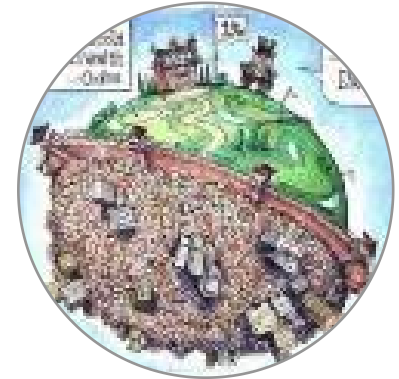
A version at industrial scale could add US\$14,2 billion to the world economy in the next 15 years



It could eliminate 5 million Jobs in the 15 most industrialized countries




It has the potential to increase global income and to improve lquality of life of entire populations, but the transformation process only will benefit those able to innovate and adapt.



It may increase inequality, and it may cause a variety of geopolitical challenges.

# Our responsibility in HE

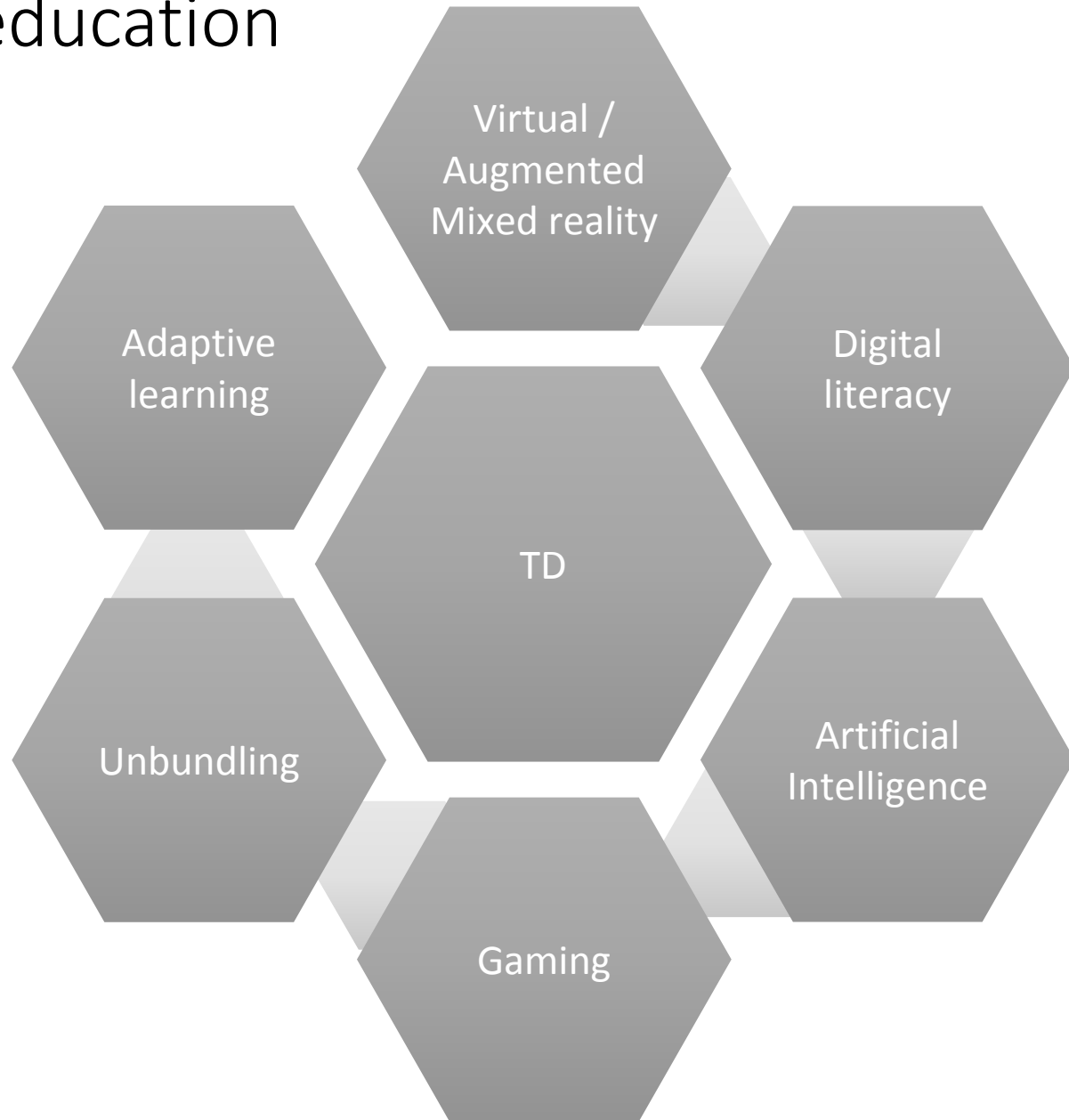


In the 21st century, we're facing a massive change in the technologies and types of jobs available...We can't be certain that both productivity and employment will rise.

We, as a society, need to make the commitment to guide our technologies responsibly and to capitalize on the prosperity we are creating, just as those who came before us did. That way we will ensure that AI technology creates opportunity for all, not just for a lucky few

Stephane Kasriel

# Technological developments: Direct impact on higher education



# How many years until a machine can do our job better than us?





A possible future? Reality or  
science fiction?



# Science fiction or reality?



AMRITA

ONE OF OUR FAVOURITE EMPLOYEES  
**ISN'T EVEN HUMAN**

THE DA VINCI SURGICAL ROBOT AT AMRITA HOSPITAL HAS COMPLETED OVER 700 SURGERIES IN MULTIPLE SPECIALTIES IN JUST 2 YEARS

NEUROSURGERY	GYNAEC-ONCOLOGY	UROLOGY	GI SURGERY	HEAD & NECK SURGERY	CVTS
--------------	-----------------	---------	------------	---------------------	------

AMRITA INSTITUTE OF MEDICAL SCIENCES  
Exceptional Technology. Compassionate Care.

Edappally, Kochi-682041 India  
[www.amritahospital.org](http://www.amritahospital.org)

For appointments, call: 9947747069

da Vinci Xi

The Da Vinci Surgical Robot at Amrita Hospital has completed over 780 surgeries in multiple specialties in just 2 years

5

# Internationalization




**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)



# Some hints



A narrowed interpretation of what is (and what is not) internationalization of higher education

Serious concerns about negative connotations and impact:

- Neo-colonialism
- Brain drain
- Loss of culture
- Further stratification of institutions

# Some typical misinterpretations



Mobility as synonym of internationalization
Rankings' positioning as synonym of quality
Signing of MOUs as synonym of international activity
Internationalization by decree

# A furious competition for talent



Australia

720,000 onshore enrolments by 2025



Canada

450,000 international students by 2022



France

Increase international student intake by 20% (amounting to 470,000 based on current levels)



Germany

350,000 inbound internationally mobile students by 2020



Japan

300,000 international students by 2020



New Zealand

143,000 international students by 2025



Ireland

44,000 foreign students by 2019/20

# New comers



STUDY IN INDIA

[Home](#) [Why India](#) [Plan Your Studies](#) [Fee Waivers and Concessions](#) [Plan Your Stay](#) [Events](#)

## INDIA'S TOP 100 COLLEGES OFFER

19000+ SEATS ACROSS  
2500+ COURSES, WITH MORE THAN  
9500 SEATS HAVING A FEE WAIVER.

# HURRY!



REGISTER NOW



# Community 6 Engagement (Global and local)



@fmarmole

Email: [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# Too good to be true?



A mixed picture

Any lesson for  
SDGs?

## The Millennium Development Goals





The turbulent, dismaying and  
contradictory current (and future)  
global geo-political scenario



A wake-up call

# Disconnects in Higher Education

Graduates  
(alumni)

Research  
institutions

Community  
based  
organizations

Previous  
levels of  
education

Between  
higher  
education  
and

Governments

Employers

## Other Disconnects

Among higher  
education  
institutions

Inside higher  
education  
institutions

# Community at large...

*...skeptical, unconvinced,  
exigent and impatient.*



**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

*Towards globally-minded and  
internationally abled, but  
locally-engaged citizens*



**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

*But also higher education institutions as role model local and global “corporate citizens”*



**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# A fundamental question

- HEIs located IN regions but what contribution does their teaching-research and international engagement make to the integral development OF the region?
- What is the role of HEIs as citizens of their respective communities?
- Most of the time, we really don't know





A key challenge:

The more international a university  
aspires to be, the higher risk of  
detaching from the local  
engagement



@fmarmole

Email: [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# Some concrete areas for action I



Equitable access to higher education and to international higher education

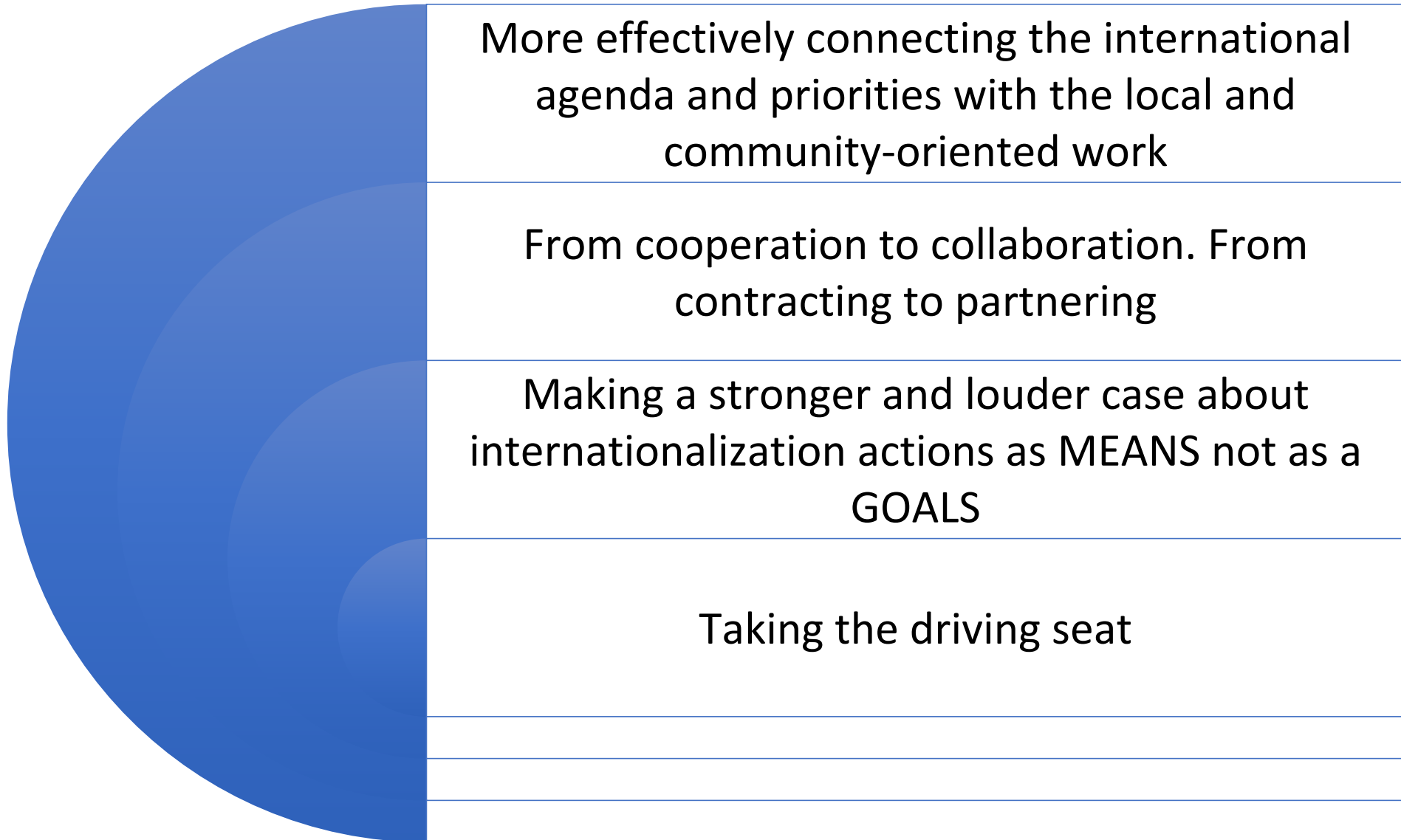
From comprehensive internationalization to socially-responsible and action-committed one.

Embedding “international education values” in all disciplines, not only on the “usual suspects”.


Refining links between international education & the skills and the public service agendas

Getting out of our comfort zone


# Some concrete areas for action II



# Community Engagement Continuum

Increasing Level of Community Involvement, Impact, Trust, and Communication Flow 

<i>Outreach</i>	<i>Consult</i>	<i>Involve</i>	<i>Collaborate</i>	<i>Shared Leadership</i>
<p><i>Some Community Involvement</i></p> <p><i>Communication flows from one to the other, to inform</i></p> <p>Provides community with information.</p> <p>Entities coexist.</p> <p>Outcomes: Optimally, establishes communication channels and channels for outreach.</p>	<p><i>More Community Involvement</i></p> <p><i>Communication flows to the community and then back, answer seeking</i></p> <p>Gets information or feedback from the community.</p> <p>Entities share information.</p> <p>Outcomes: Develops connections.</p>	<p><i>Better Community Involvement</i></p> <p><i>Communication flows both ways, participatory form of communication</i></p> <p>Involves more participation with community on issues.</p> <p>Entities cooperate with each other.</p> <p>Outcomes: Visibility of partnership established with increased cooperation.</p>	<p><i>Community Involvement</i></p> <p><i>Communication flow is bidirectional</i></p> <p>Forms partnerships with community on each aspect of project from development to solution.</p> <p>Entities form bidirectional communication channels.</p> <p>Outcomes: Partnership building, trust building.</p>	<p><i>Strong Bidirectional Relationship</i></p> <p>Final decision making is at community level.</p> <p>Entities have formed strong partnership structures.</p> <p>Outcomes: Broader outcomes affecting broader community. Strong bidirectional trust built.</p>

Governments must act..

...But national level changes  
are not sufficient...

... Higher Education Institutions  
need to embrace the change  
themselves.

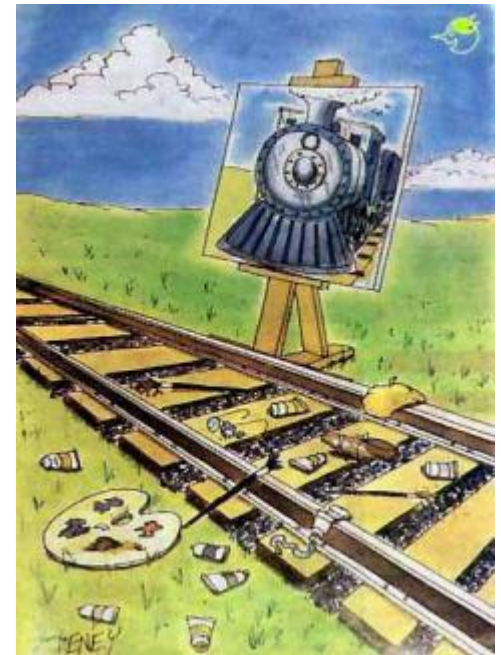


**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# The art of ambiguity

Continuing doing the same, but waiting different results

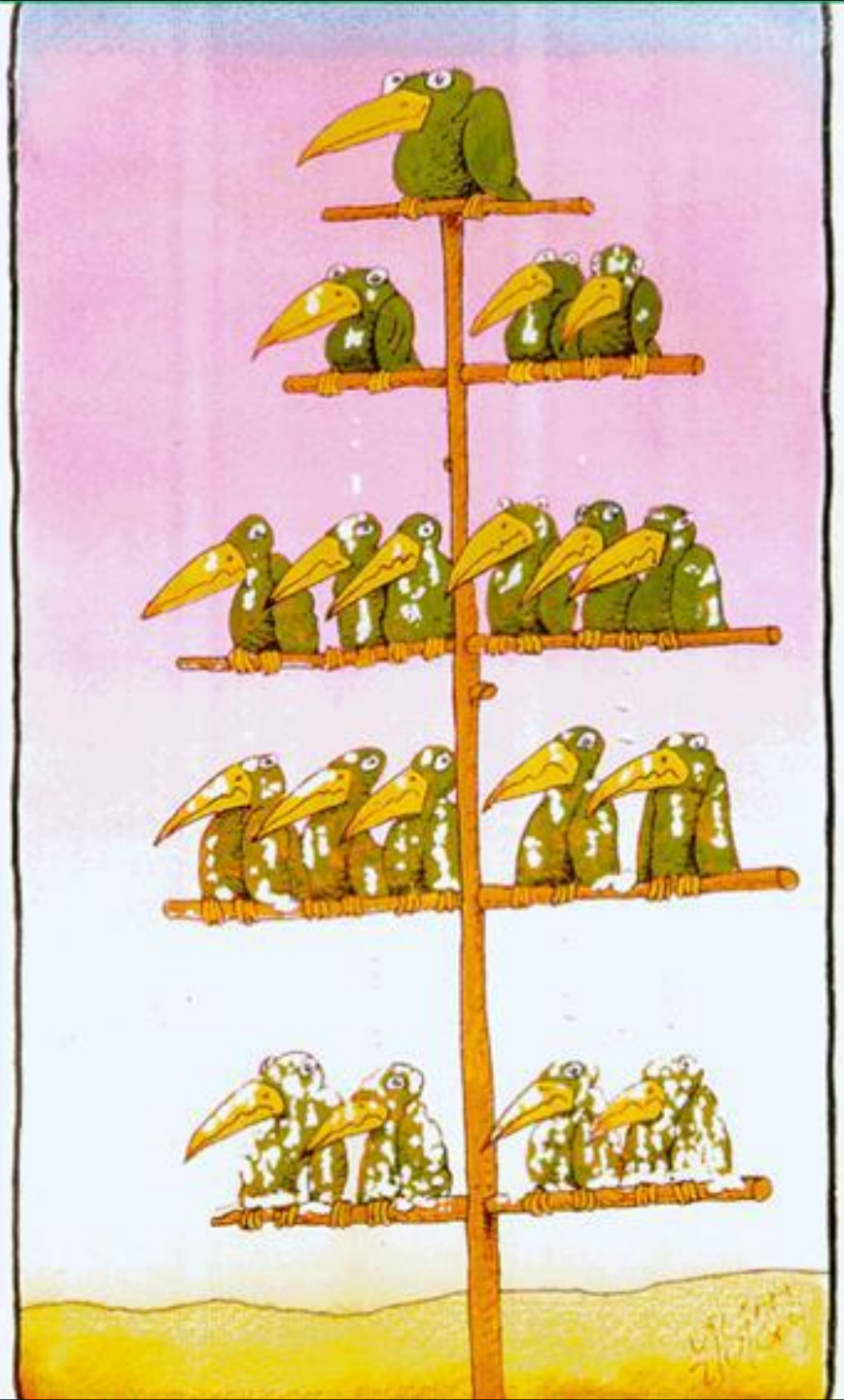


# The blame game





Who is  
responsible?



# The Italian University in 1350



*...and today's universities*

# A paradox

Educational  
institutions are the  
best laboratory for  
social change

...but they have a  
tendency to inhibit  
their innovation  
capacity

Are universities just reacting,  
emulating or they are  
proactively engaged in  
fostering change?



**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

Buenas prácticas y mucha  
acción pero

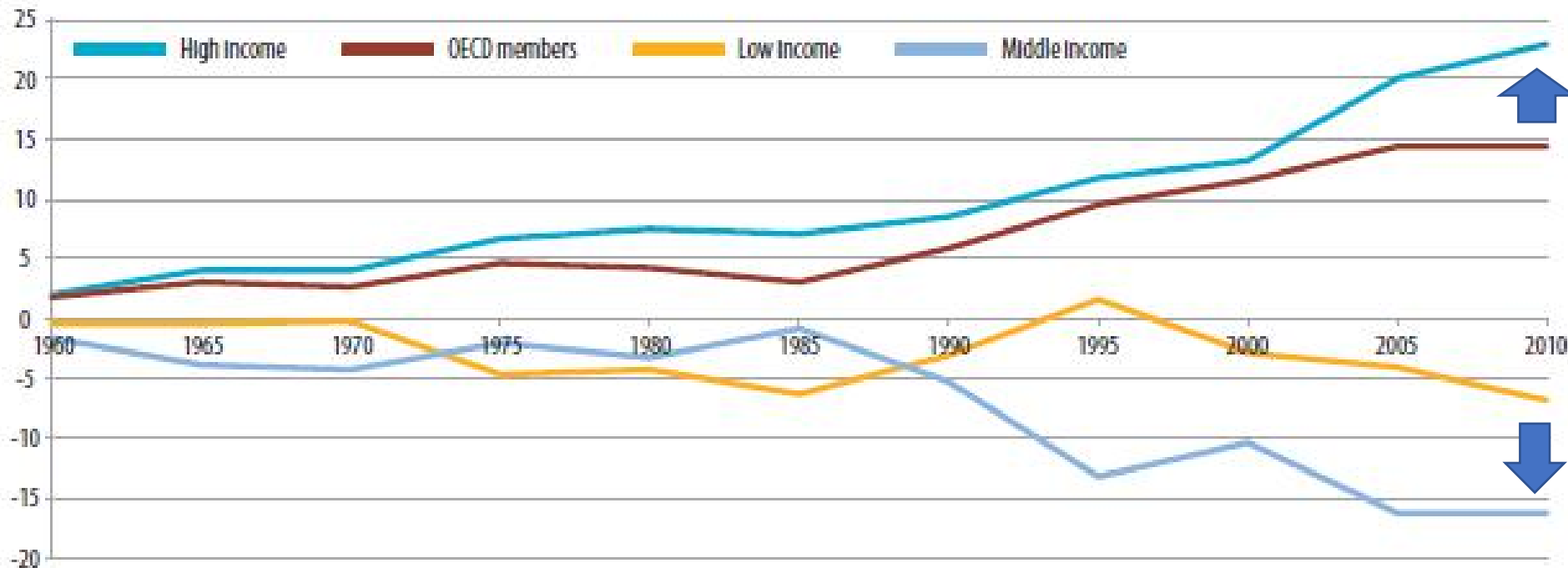
ión basada en crecimiento genérico

Falta de procesos sistemáticos y limitada cooperación  
entre IES y con su entorno

Apoyo a la vinculación ciencia(industria con incentivos  
temporales: Enfoque en investigación, transferencia de  
competitividad

# Increasing Migration Towards the Developed World

*Net Migration (in millions of people). 1960-2010*



*Source: World Bank (2012). World Databank: Net Migration*

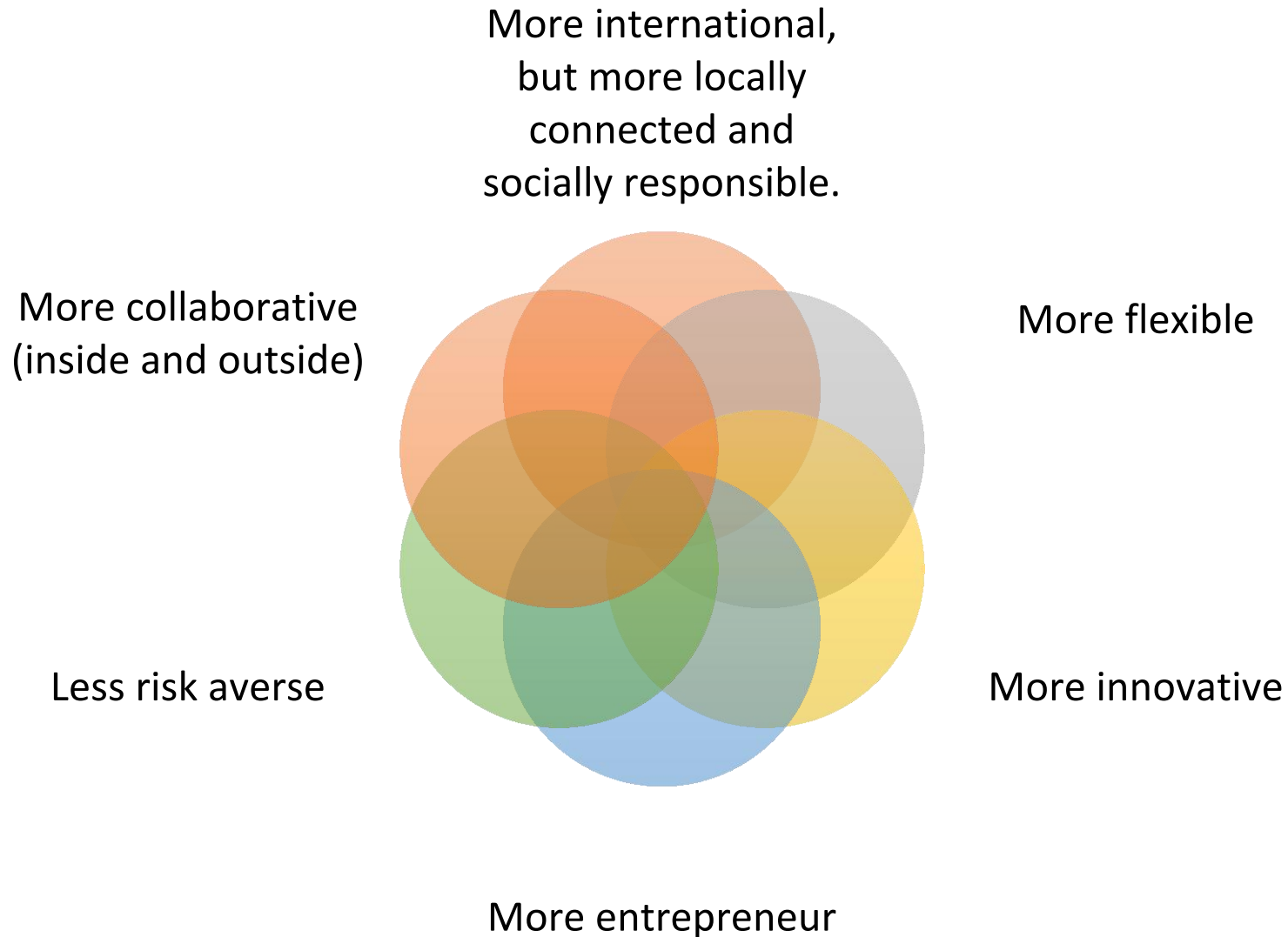


The refugee crisis: the case of Lebanon  
*Share of college-age youth...*

**Estimated  
667,973 Syrian Refugees  
aged 18-24**

**Out of which only  
1-5% are in Higher Education**

# Some Elements for HEIs





# What Type of Engagement?



**@fmarmole**

**Email:** [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)

# Pulling Together?



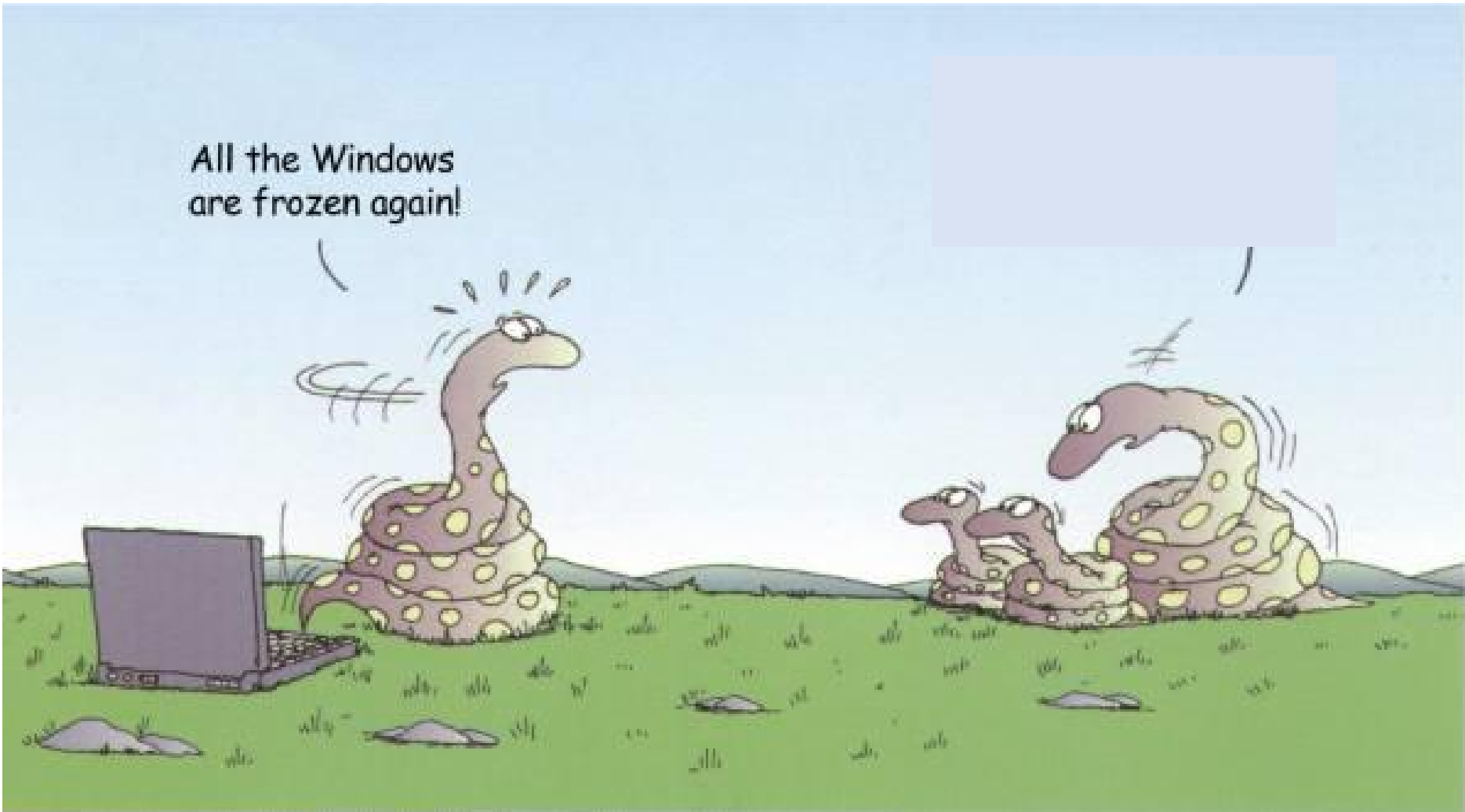






Golden key: Everybody's contribution could make a big difference

All the Windows  
are frozen again!



# Changing the paradigm

A good idea, but..

Too far from home

Too far from higher education

A priority for "tomorrow"

A critical need

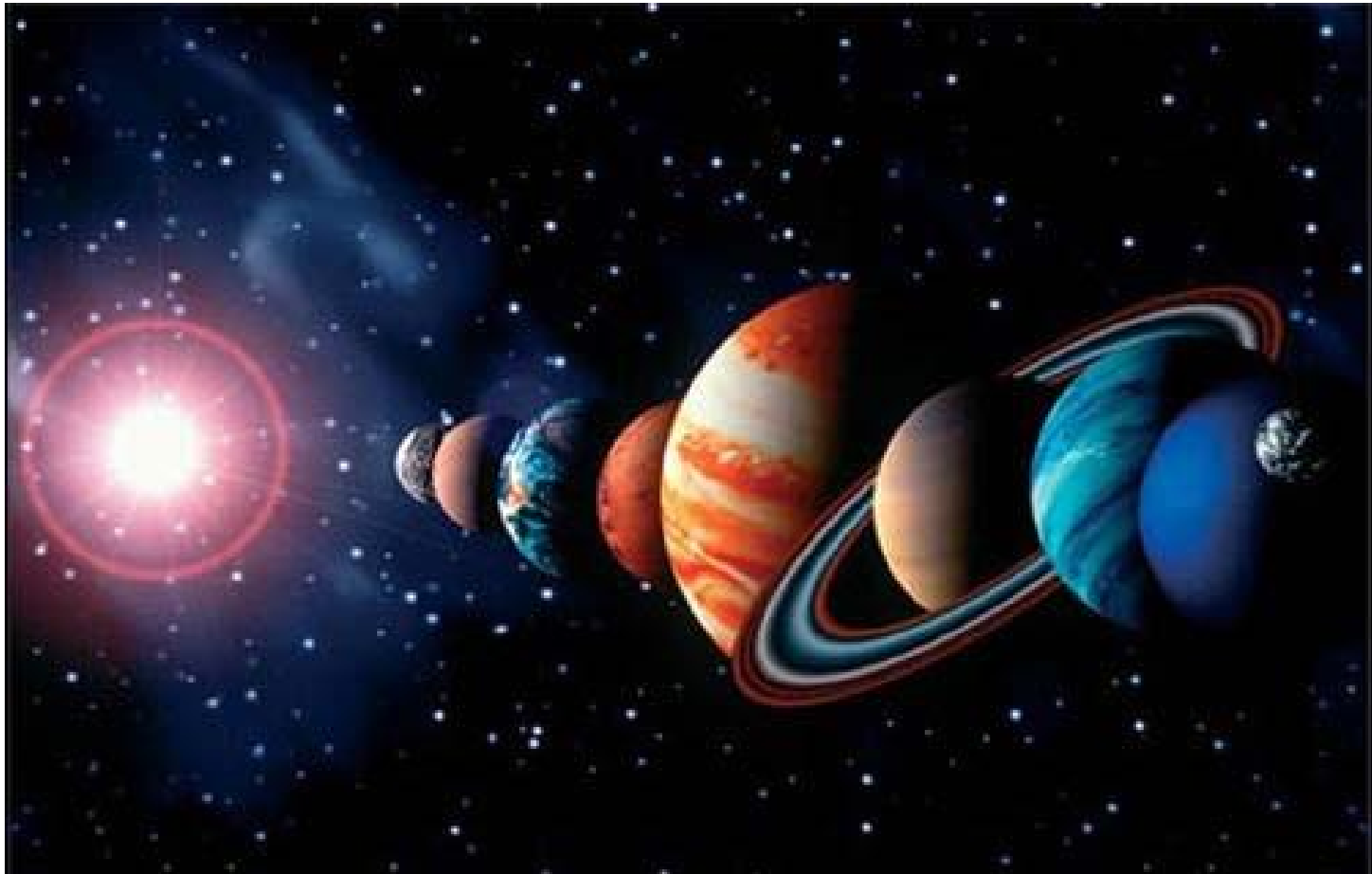
Too close to home

Part of higher education

A priority for "yesterday"



A unique momentum...







“ The trouble with our times is that  
the future is not what it used to be ”

*Paul Valéry*



Francisco Marmolejo  
Lead Tertiary Education Specialist  
The World Bank

Email: [fmarmolejo@worldbank.org](mailto:fmarmolejo@worldbank.org)  
<http://www.worldbank.org/education/tertiary>

Twitter @fmarmole



THE WORLD BANK

Working for a World  
Free of Poverty

**Buenas prácticas y mucha acción...pero**

ción basada en crecimiento genérico

Falta de procesos sistemáticos y limitada cooperación entre IES y con su entorno

Apoyo a la vinculación ciencia(industria con incentivos temporales: Enfoque en investigación, transferencia de tecnología, competitividad

# Buenas prácticas y mucha acción...pero

Limitado interés en desarrollo de capital humano:  
"transferencia parcial de conocimiento" v.gr. el papel  
de los estudiantes

Ampliación de la cobertura, aprendizaje para la  
vida y equidad son temas relativamente nuevos

Usualmente se minimiza la aportación al desarrollo  
social, cultural y ambiental; el papel de las IES como  
"ciudadanos" no siempre se asume

---

**National**

**Regional**

**Institutional**

## Nacional

Políticas de ES,  
I+D, desarrollo  
regional poco  
coordinadas

Límites a  
autonomía de IES

Incentivos  
limitados a IES

## Regional

Gobnos. Locales  
fragmentados y  
débiles

Competencia  
entre regiones e  
instituciones

IES ajenas a  
estrategia e  
implementación

## Institucional

Gestión débil,  
limitada cultura  
emprendedora

Tensiones entre  
involucramiento  
regional y  
excelencia  
académica

Limitados  
incentivos  
individuales

# Implicaciones para gobiernos

---

# Pointers for HEIs

---

Map the regional and external links; carry out a self- evaluation of institutional capacity to respond to regional needs

Revisit institutional mission to adopt a wide agenda of regional engagement; monitor results and acknowledge that regional engagement enhance the core missions of teaching and research

Develop senior management teams, establish a regional development office to mainstream the regional agenda; develop facilitators

Establish modern administration with HR and financial resources management systems: Review recruitment, hiring and reward systems

Establish partnership organisations between HEIs



# Barreras a la innovación

---

- La paradoja de la Universidad es que aquellas características que hacen de las universidades tan adaptables, crecientemente están inhibiendo su capacidad de innovación

# Implicaciones para las IES

---

# Vinculación Externa de las IES

---

	Razonamiento de las IES	Razonamiento de la Ciencia y las Empresas	Síntesis
Papel del gobierno			
División de tareas			
Activiidades			
Papeles y responsabilidades			