

# Bridging the Digital Innovation Divide

Cairo – Egypt

1<sup>st</sup> Oct 2019



**WHAT MADE THE DIGITAL INNOVATION DIVIDE?  
WHOM TO BLAME?**

# Two Divides

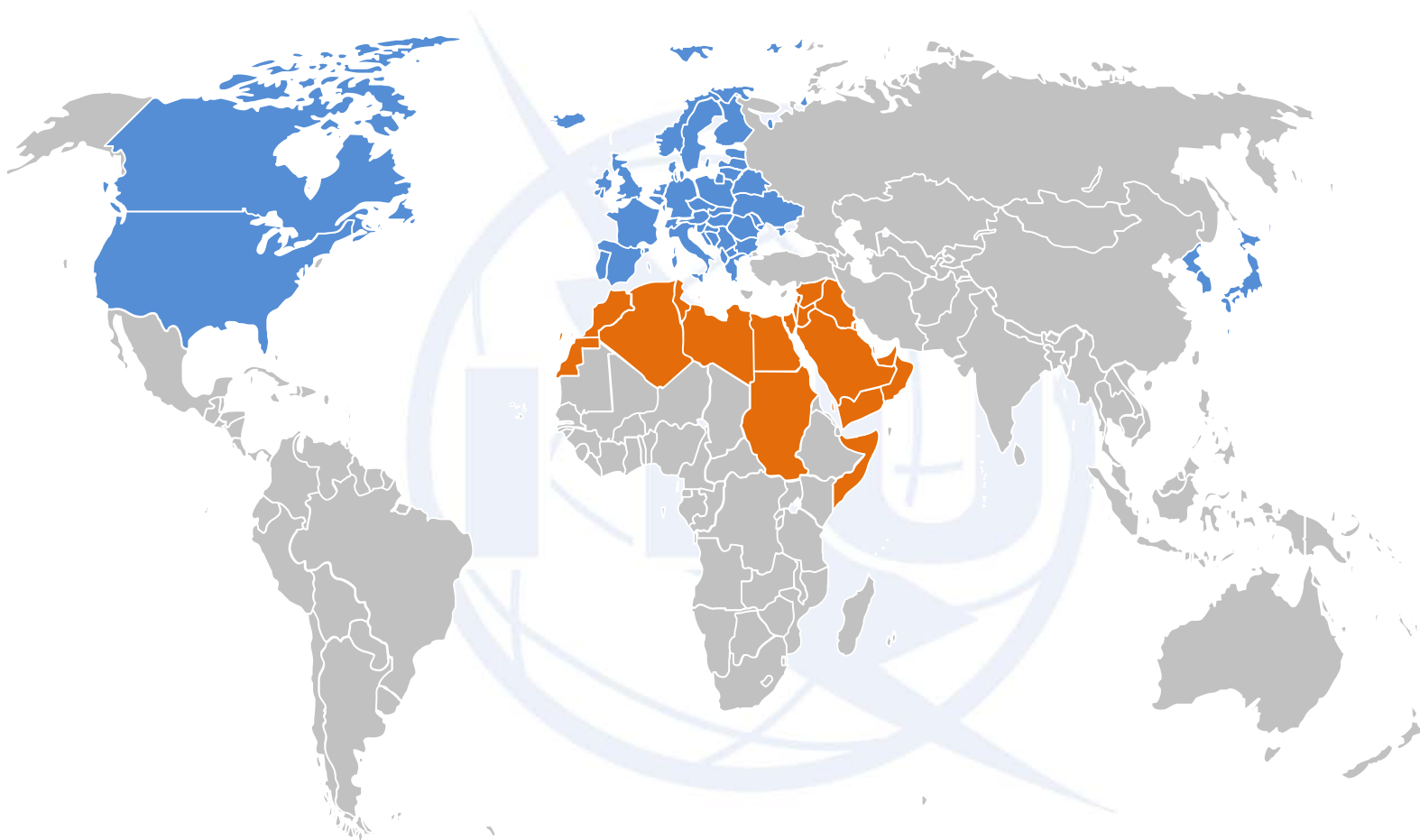
It is a digital divide

It is an innovation divide

Then it is a digital innovation divide

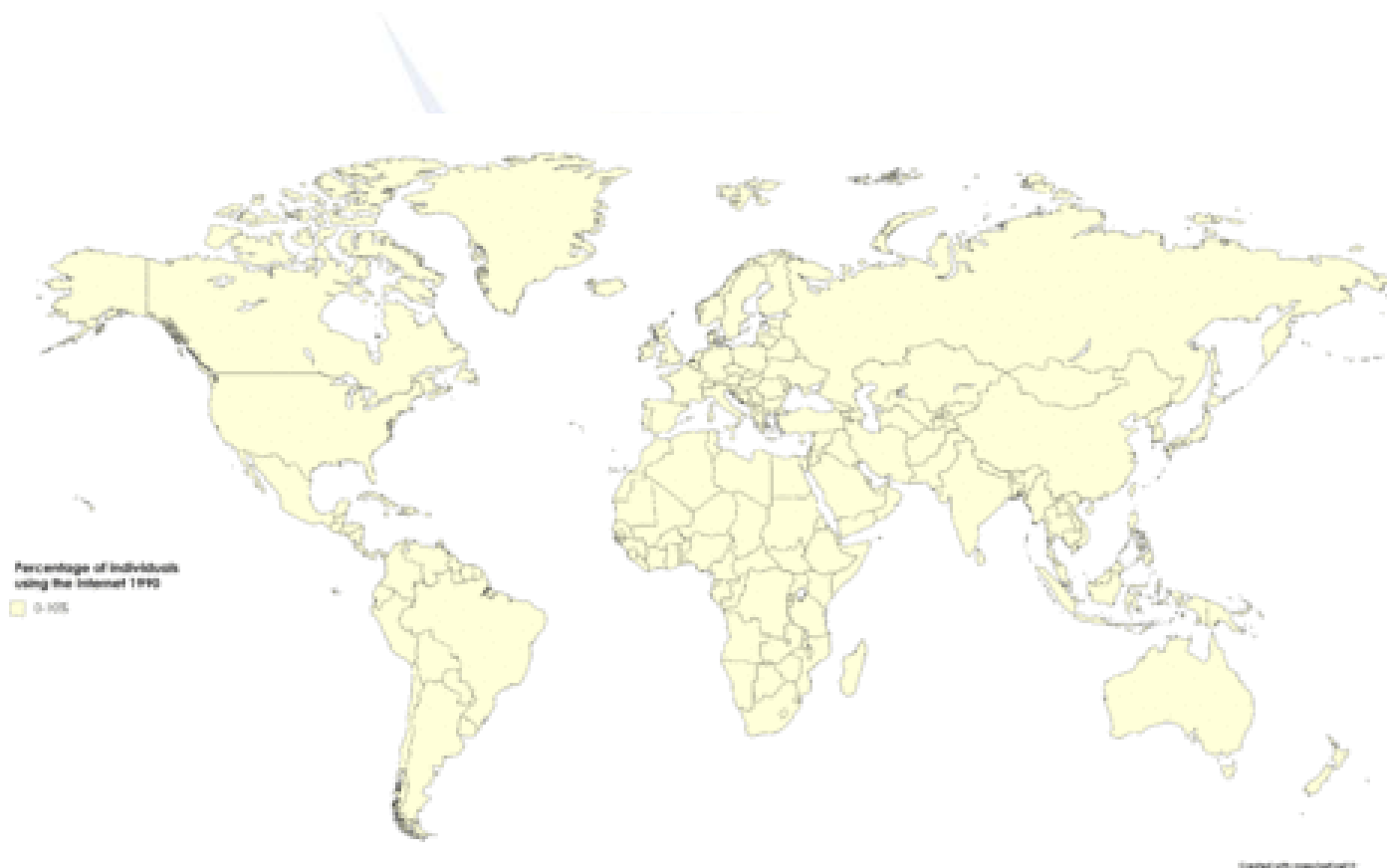


# The Divide between us and the world



**The internal divide (women, poor, retired, rural areas, etc.)**

# From 1990 to 2014



# Suspects

Non-educational

educational

Innovation &  
Entrepreneurship  
Policy Makers?

Incubation  
Centers /  
Accelerators?

Education:  
Students?

Education:  
Teachers?

Private Market  
and Business  
Owners?

VCs / Funding  
entities?

Education :  
Educational Policy  
Makers?

Education: Home  
/ Parents?

# Non Educational Suspects

## Guilty in spite of all good well:

- 1- the good well in imitating international programs failed. Must Scratch the head for genuine policies.

Innovation & Entrepreneurship Policy Makers?

## The most guilty:

- 1- not reaching the mass.
- 2- wrong KPIs (e.g # of programs and participants, not # of survived startups in 5 five years)

Incubation Centers / Accelerators?

Private Market and Business Owners?

VCs / Funding entities?

## Very guilty:

- 1- fear of future competition supersedes everything else for them.
- 2- supporting entrepreneurship lacks sincere heart.

## Guilty for ignorance

- 1- "venture" definition doesn't exist. Business hunters is a more accurate description.
- 2- They must see beyond the visible.



## Incubation Centers & Acceleration Program?



**They miss the mass of fishes under water**

# Digital Technology Evolution TimeLine

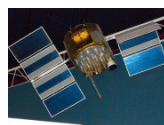
Internet

RFID

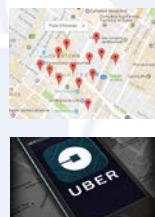
GPS

Mobile  
Phone

3G & 4G



YAHOO!  
Google



The next  
Millionaire &  
Billionaire



IoT & AI & smart City already starting – 5G is coming

Let us not miss the wagon this time





# Story of WhatsApp Founder

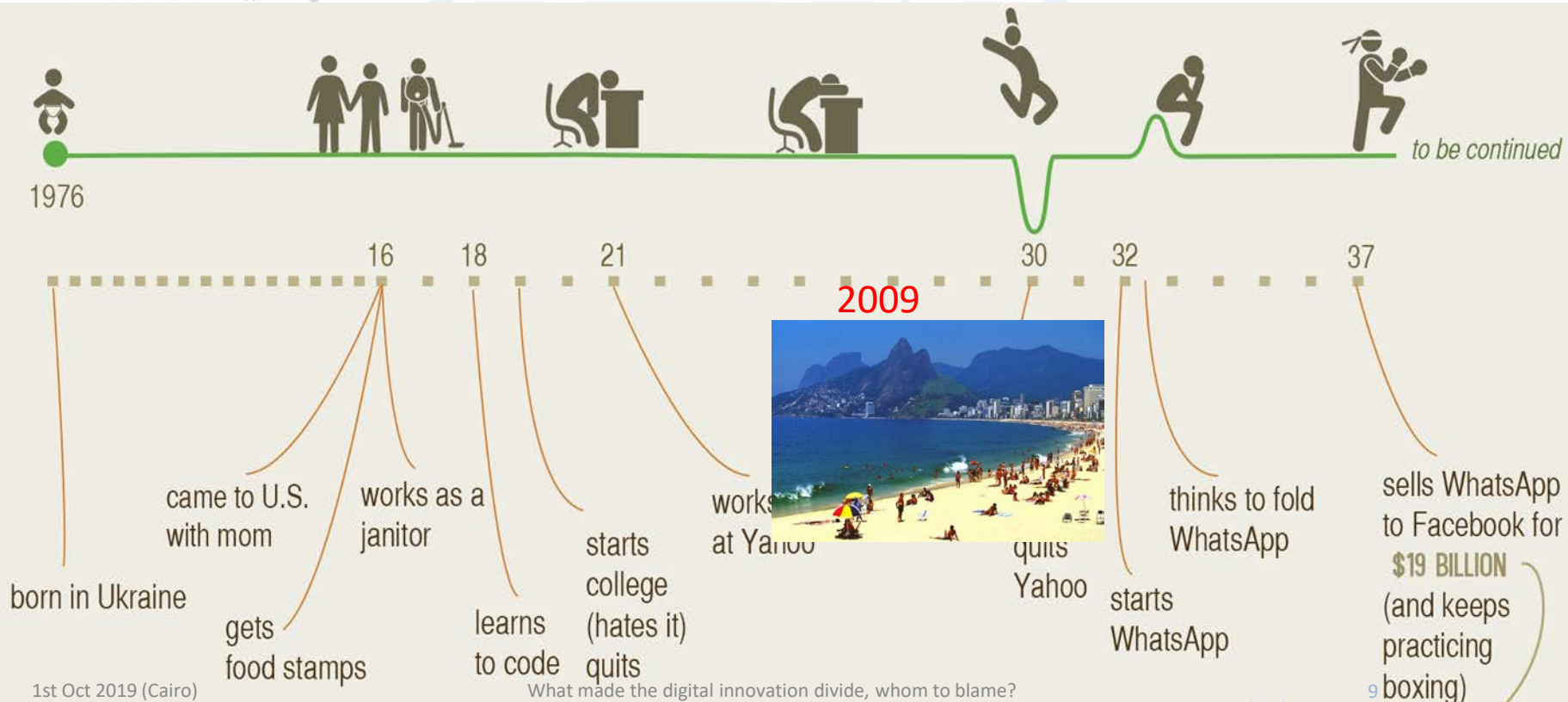


Jan Koum



Jan Koum, founder of WhatsApp

- Started in cleaning Job at 16Y.
- Was under **welfare**.
- Went college & **quitted**.
- Worked at **Yahoo**.
- **Quitted work** for one year **travelling** in South America.
- Saw **opportunities** in Apple Store start in 2009.
- In One year he started **WhatsApp**.



# How billionaires started

## Family financial level perspective

A



Donald Trump denies he inherited \$100M from father and says it is far less.  
Is he a self-made billionaire?

B



All came from over average financially comfortable families.

C



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D

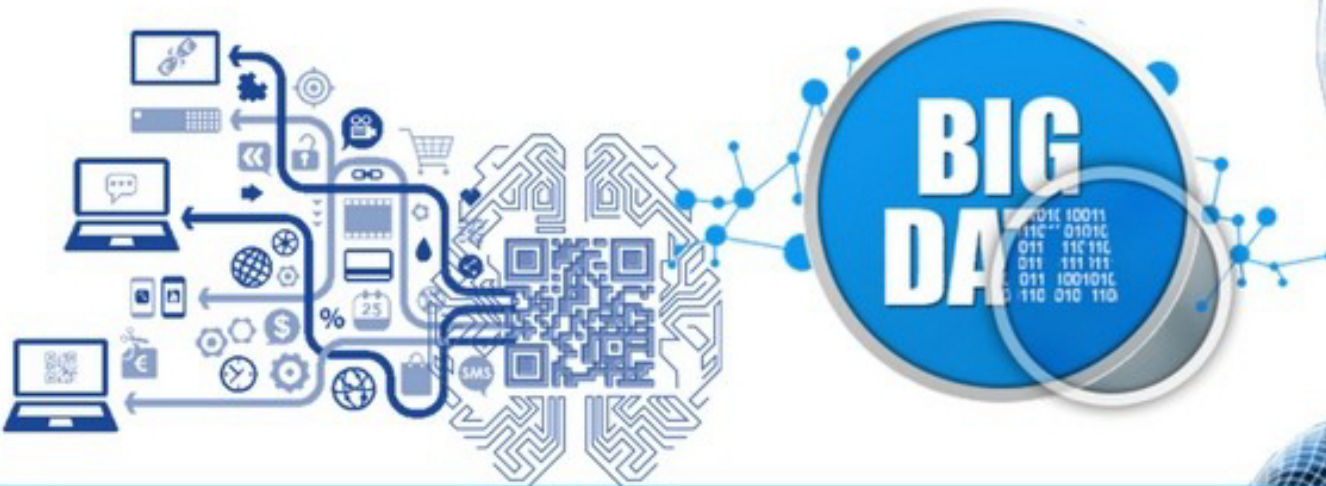


For those under poverty & uncertainty in career, how they can be directed right to a successful career?



# Big Data & AI

## How Big Data And Artificial Intelligence Serve Each Other



# Education Suspects

**Not guilty**

**Blamed but not guilty:**  
Handicapped by the curriculum and maybe themselves need orientation.

Education:  
Students?

Education:  
Teachers?

Education :  
EducationalPolicy  
Makers?

Education: Home  
/ Parents?

**The most guilty:**  
1- Not into the 21<sup>st</sup> Century skills needs.  
2- Not preparing teachers as should.

**Guilty somehow:** “rich dad poor dad” book.



# THE digital divide ENCOMPASSES MORE THAN ACCESS

ARE STUDENTS ...  
*creating.*  
*collaborating.*  
*& producing*  
USING TECHNOLOGY?



To dream of being billionaire  
Kids should think as entrepreneurs



Thank You







# The Evolution (from Dreamers to Corporates)



Potential **Entrepreneur**

Potential **Start-up**

Potential **SME**

Potential **Corporate**



Feeding with  
Knowledge

Want to swim  
But  
Need mentoring

Already in the  
pool.  
“Must survive”  
attitude

Growing bigger.  
Safety First.  
Growing  
stronger.

Winning.  
But  
(watching  
younger  
competition)

