



Driving Education transformation through ICT

CUDI
Otoño **2015**
PUEBLA, Pue.
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Driving Education transformation through ICT

Ego OBI
Head of Access & Infrastructure initiatives in Education





~ 500M students have no access to quality education

The impact of inequitable and poor quality education

Individual



income poverty

National



hindered economic
growth

Global



global inequalities

Source: UNESCO IBE 2014

Mexico: Education in Numbers

50M *internet users*
(~43%)

>31M
of students

< 12% enroll to Higher
Education

55° place in
PISA Ranking

93% literacy

2% *of children not enrolled in
the education system*



Our point of view on the world is that

Excellence in education builds prosperity

Technology is instrumental in the path to educational transformation

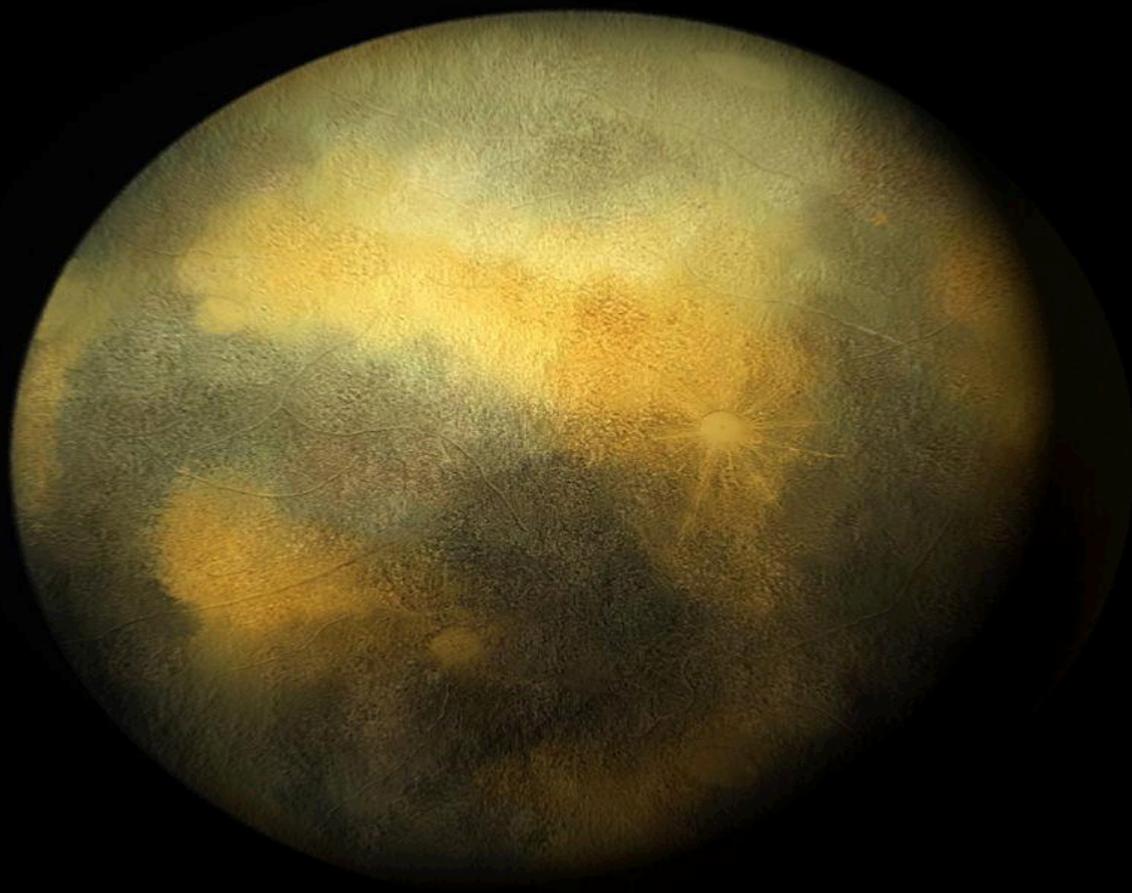
A photograph showing three children looking through a rectangular hole in a weathered, light-colored wall. The child on the left is seen from the back, wearing a patterned shirt. The child in the middle is also seen from the back, wearing a blue and white striped shirt. The child on the right is a girl with curly hair and a blue headband, wearing a light blue shirt. They are all looking towards the hole in the wall. The scene is brightly lit, suggesting daylight.

Hole in the Wall Experiment











better access to digital books





Collaboration is important



Creation + growth of IXPs



Google Global Caches (GGCs) & PoPs



Technical Consulting

Technology is
JUST a tool...



So what now ?



Spread the word on the Cantenna program



Supported by Google

Peer to peer
learning

Targets ICT
Communities

Collaboration

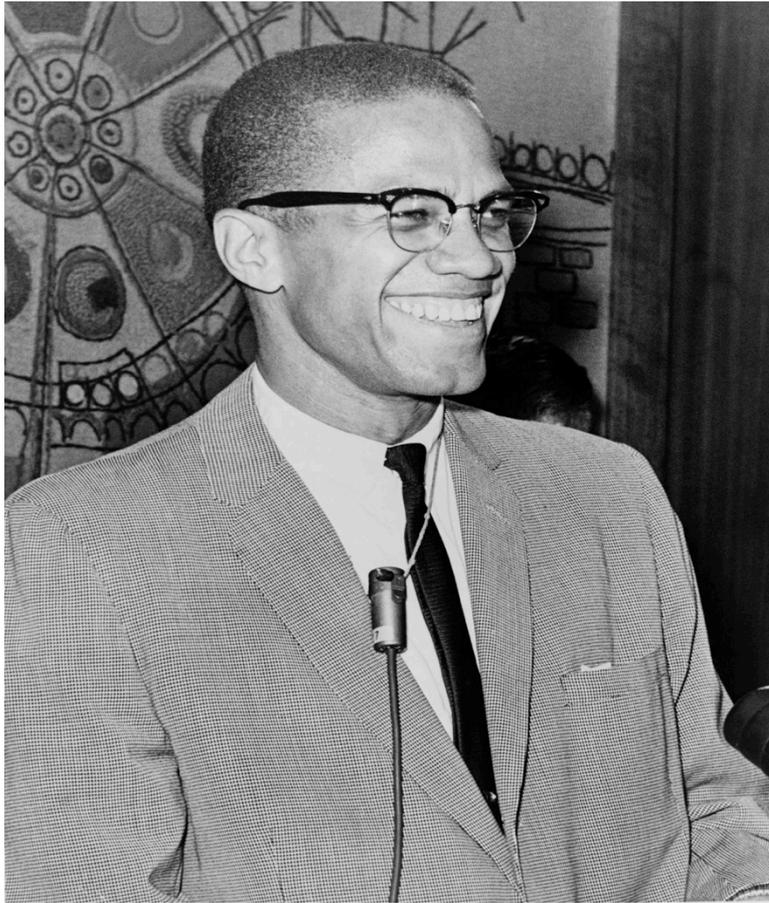
Best practices

Autonomous
Community





Ensure that University stakeholders prioritises ICT initiatives, expansion and deployments.



“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.”

- *Malcolm X*

Break Slide



Appendix



Initial thoughts ;

- education quality and equity (How can you help improve the quality of education and make it more accessible around the world)
- State of edu globally
- Identified challenges
- Why education is important
- What is its impact on economic growth
- What does it mean for this audience
- How can we leverage your expertise to drive systemic change in Edu
- Some Examples (Tech, Tools focus)
 - Android Solution in Edu
 - Leveraging IXP's, ReNs
 - Internal IT teams - What tools can they implement to make a difference
 - Cantenna ? <- cantenna yes (camino still confidential)
 - Anything else?

Mexico in view - *think of another title*

>4M *GAfE Users*

3 large scale
connectivity projects

Infrastructure consultancy
at ~15 universities

\$2M spent

11 education partners
(Infra and Apps)

1,800 *schools benefited*



CTA - How to execute

- a. A common challenge is connectivity in rural areas , they could help to spread the cantenna program, **A set of instructions is being made, they can distribute**
- b. Google for innovators / IT Directors community **Zuleika will deliver 1 slide on the community tomorrow**
- c. Ensure that Uni administrators prioritises ICT initiatives, expansion, deployments etc
- d. **Wouldn't be worth to talk about globaledu.org or is it still confidential? No**