

TRANSFORMING AFRICA'S EDUCATION THROUGH ICT



THE DIGITAL LITERACY -KENYA CASE -TRUE STORY

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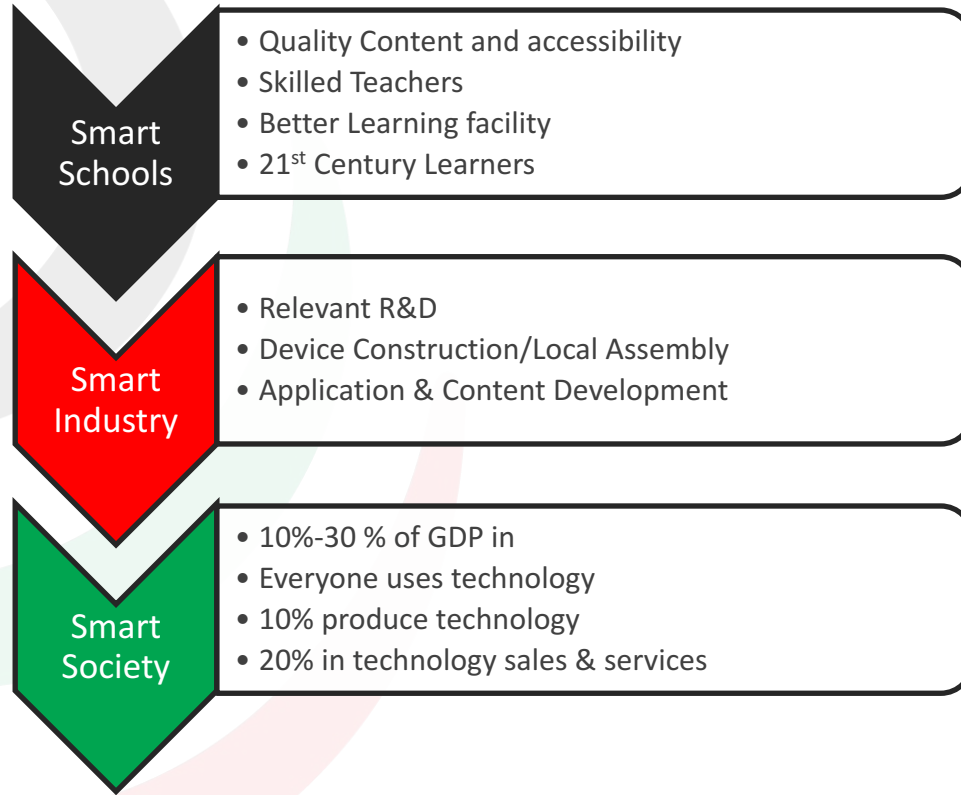
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The Content

- Programme Concept/scope
- Prime Achievements
- Implementation Approaches and Power of Internet
- Key Learning and Experience

Business Objective



Digital Literacy 2030



Technology learner



Technology designer



Technology 'farmer'

Programme Scope

- Integration of ICT in education in Kenya covering 24000 public primary schools with over 1.2 million digital devices
- Power connectivity to 24000 Schools
- Distribution of Digital Content to Schools
- Training of over 300,000 teachers-Continuous
- Provision of Technical support to the Programme
- Set up of two assembly plants for electronic devices
- Employment creation of over 300,000 jobs –D/indirect
- Stakeholders engagement

ACHIEVEMENTS IN 1 YEAR



Schools targeted **24000**



Digital Content
Ready for Class 1 , 2 and 3



Schools installed
Over 14000



Teachers Trained
In 11000 schools [over100,000]



Schools Ready with power , desks
OVER 22000



Assembly plant at JKUAT



Classroom with digital devices



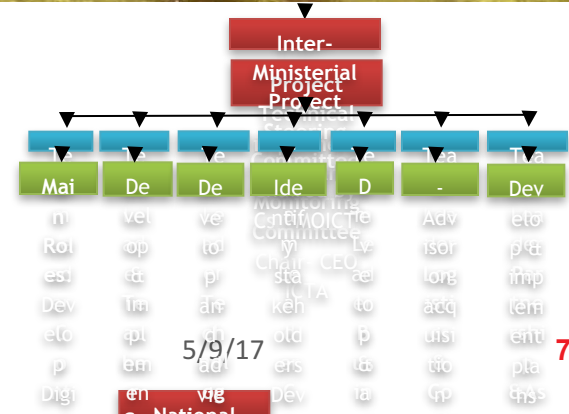
Support center

Four Attempts

- 1st attempt – Funding not enough-Poor planning
- 2nd attempt- One bidder for Multi-Billion –Court Case
- 3rd Attempt – Complexity to the Programme to MED—
- 4th Attempt– All stakeholders engaged –It Took off

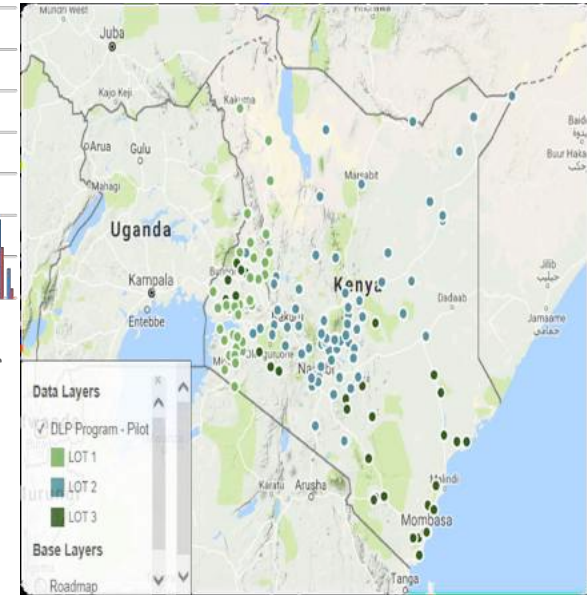
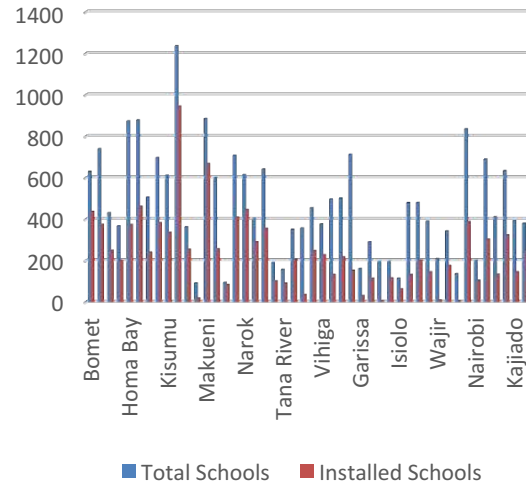
'Prime' Preparation

- Prime Planning-Budget-stop over preparing
- Prime Leadership
- Prime Engagement
- Prime 'Risk' and Mitigation
- Prime M&E
- Prime Policies



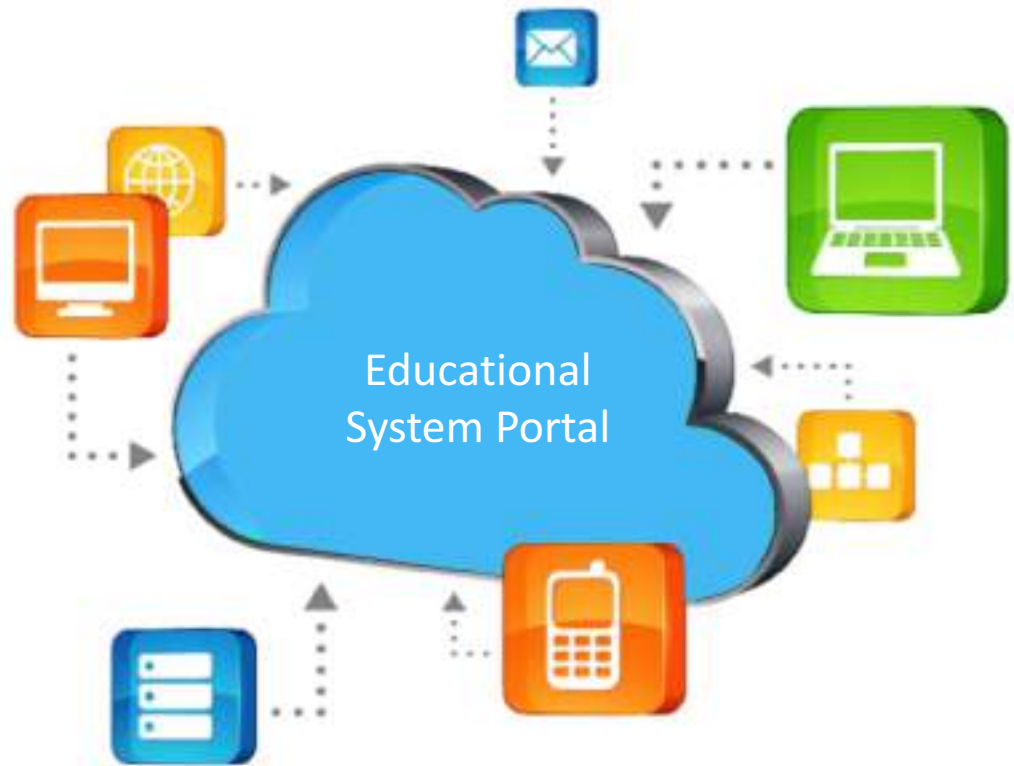
The Power of Internet in Deployment of DLP -Management

- 1. Portal for all the schools-Open data-E-readiness assessment
- 2. Portal for Communication/Co ordination-Project teams
- 3. Portal for Stakeholder Updates
- 4. Portal for Citizen



Power of internet Digital Content distribution

1. Access to content is independent of the device being used
2. Variety of content
3. Government enhance controlled and access to content
4. Universality of content platform
5. Interactive content
6. Create Training and awareness



Power of Internet in Deployment of Digital content

1. Internet used to distribute content to Learners
2. Devices deployed with offline content
3. Learners to login to KICD Cloud to update content
4. Content industry is US 13 Billion not yet exploited
5. Content developers login to cloud infr and submit their content
6. Payment module incorporated
7. Liberalization of content development



Challenges/Experience

- Usage and access to internet stuff-Religious groups?
- Change of roles – Teacher/Learner ? Who is faster? Teacher training
- Power to schools? Huge cost? Sustainability?
- Schools infrastructure – classrooms?/desks?
- The changing digital content?
- Stakeholder buy in? who to involved? What stage?
- Policies/regulations? Required?
- Tone at the top?leadership?
- Which sector to lead implementing team? ICT/Education?



Donkeys Transport devices



Learner showing teacher how to use device
Men Transport devices



The Proof is in Kenya

- True Stories about ICT in Education
- Real Issues.... Challenges and Experience
- What you cannot get in books and Wikipedia”

“BUT IT WORKS IN KENYA HERE IN AFRICA”?
China took this initiative years back and





Thanks & Bye! Bye!!

AFRICAN CHILD NEEDS YOUR SUPPORT!!

