

ICT INTEGRATION IN BASIC EDUCATION: Lessons from Kenya's Laptop Project

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Outline

- Situational Analysis
- Kenya's Laptop Project Implementation Model
- Lessons learned

Kenya's Journey To ICT Integration



Situational Analysis

Existence of good policy framework

- Sessional Paper no. 14 of 2012, Reforming Education and Training Sectors in Kenya
- Education Act 2013
- National ICT Strategy for Education and Training in Kenya, 2006

Past ICT Initiatives and Lessons

- Pan Africa Nepad e-schools pilot project 6 schools, 2004
- Accelerating 21st Century Education (ACE), primary schs
- ICT Economic Stimulus Programme -1700 secondary schs
- Badiliko Project

MOE- ICT Integration Model

Quality Education



Political commitment at highest Level

- **Vision** – ICT as indisputable driver for knowledge economy
- **Resources** –Provision of funds

Ministry's preparedness

- Establishment of structure (Teams) to guide Laptop Project Implementation
- National ICT Innovation and Integration Centre

Capacity Building

Teacher professional development in ICT and ICT integration skills

- Master Trainers, ToTs and actual training of teachers at school level – CEMESTEA

Build education managers capacity to appreciate and effectively implement the programme

Digital Content Development

- Develop and use relevant digital teaching and learning materials
 - Digital content from government agencies and private publishers
 - Training teachers to develop own content
 - Portal for teacher sharing of digital materials for continuous sharing of best practices

Stakeholder Participation

Regular Briefing of Parliament

- Both houses-National Assembly and Senate

Key Government Ministries and Agencies

Civil society and NGOs-including;

Parents and school management

Teacher Unions and Associations

Religious bodies,

ICT Infrastructure

Development of hardware specifications and Procurement Process

- International Tendering process
- Evaluation and deployment

School e-readiness preparation

- Infrastructure: Security, Storage and Power Access

Conclusion

Lessons learned:

- Ownership and consensus building
- Well thought out Procurement process
- Benchmarking and knowledge sharing
- Public-Private sector involvement
- Deployment logistics and challenges



Conclusion

**Thank
You !**