ICT in Non-Formal Education

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Formal vs. Non-formal Debate

• hierarchically structured, chronologically graded, standardized
• for the mainstream students
• schools, training institutions
• whose needs?

• ad hoc, not standardized
• for the dropouts
• NGOs, community organizations
• learners needs mostly

Paradigm Shifts in the World:
The School has left the Building!

Paradigm Shifts in the World
Education has gone soft!

“Sustainable” Learning

23 Teachers, 7 Schools
ICT in Education ‘Myths’

1. ICT in Education = ICT Education
2. ICT Literacy must be TAUGHT to students
3. First step is setting up computer labs

The kind of ICT we need in education

• Cost-effective
• 21st Century skills focused
• Enjoyable and effective for teaching-learning
• Students and Teachers friendly
• Reduces ‘Digital Divide’

Multimedia Classroom:
A Model for the Developing Countries

Transform education, not IT education

Rethinking Teacher Training

• Content
• Practice
• Activities
• Collaboration
• Mentoring
• Competition
• Constructivist activities (cannot be pre-packaged)
Significant Workforce by 2030!

- Working Age: 67%
- Dependent: 33%

Chart Title
- What skills will they have?
  - For the domestic market?
  - For the global market?
- Will traditional capacity development channels be enough?

Skills Priorities
- 21st century skills
  - Critical thinking
  - Problem solving
  - Collaboration
- Market-oriented skills
  - Current markets (trades that we know)
  - Emerging markets (call centre, ship breaking/building)
  - New markets (business process outsourcing)

Curriculum and Content
- 21st century skills
  - Critical thinking
  - Problem solving
  - Collaboration
- Market-oriented skills
  - Current markets (trades that we know)
  - Emerging markets (call centre, ship breaking/building)
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Curriculum and Content (contd.)
- Trade-based Content (video & animation)
  - Use & repair of Computer, Photocopier
  - Fisheries, Poultry, Nursery
  - Food processing, Candle, Cheese making
  - Others

Awareness Building
- Early Childhood Care and Education (ECCE)
- Child labor
- Child trafficking
- Health and Personal Safety
- Life skills
- Livelihood skills
- Others

Infrastructure
- Internet connectivity
- Community Learning Center (CLC)/UISCs
- Education TV
- Community Radio
- Mobile ICT-Van (awareness building)
- Interactive and dynamic web-portal for NFE
- Mobile phone to be explored further as education delivery channel
- e-Learning Platform
Coordination

- Among projects
- Among NGOs
- Govt. Divisions/agencies
- International organizations
- Development partners
- National and local media
- PPP
  - Attracting private sector investment (not just CSR)

An Example of Successful Coordination

- a2i, PMO
- MoEdu
- MoMPE
- Local Govt
- NGOs, CSOs
- UNESCO, UNICEF, UNDP and other DPs
- Private Sector

National Policies

- National Education Policy
- National ICT Policy
- ICT in Education Master Plan
- 6th 5-year Plan
- Curriculum

International Collaboration

- Good practices
- Knowledge sharing for teachers and education officers
- Exposure and ‘eye-openers’ for policy makers (both government and non-government)

South-South Network

South-South Network for ICT in Education (SSNIE)
Thank you