UNESCO’s Support in ICT in Education in Asia Pacific

Jonghwi Park, ICT in Education
25 October 2018
UNESCO Asia Pacific Regional Bureau for Education
Warming-Up Quiz
Key questions to ask when your Minister asks you to buy a million tablets

a. What specs should we include in our tender?
b. How much should we pay for the devices?
c. Should we buy laptops or tablets?
d. What are the educational goals that this effort will help us achieve (and how)?
e. What will this cost, and who will pay?
f. What else could we do with these monies?
g. Who are our key partners and stakeholders?
h. Who should lead the effort?
i. How will we know if this is successful?
j. How quickly can we get this done?
Key questions to ask when your Minister asks you to buy a million tablets

a. What specs should we include in our tender?
b. How much should we pay for the devices?
c. Should we buy laptops or tablets?
d. What are the educational goals that this effort will help us achieve (and how)?
e. What will this cost, and who will pay?
f. What else could we do with these monies?
g. Who are our key partners and stakeholders?
h. Who should lead the effort?
i. How will we know if this is successful?
j. How quickly can we get this done?
Key questions to ask when your Minister asks you to buy a million tablets

a. What specs should we include in our tender?
b. How much should we pay for the devices?
c. Should we buy laptops or tablets?
d. What are the educational goals that this effort will help us achieve (and how)?
e. What will this cost, and who will pay?
f. What else could we do with these monies?
g. Who are our key partners and stakeholders?
h. Who should lead the effort?
i. How will we know if this is successful?
j. How quickly can we get this done?
ICT and SDGs

Highest correlations between SDGs and ICT

- Quality Education: 73%
- Good Health and Well-Being: 71%
- Industry Innovation and Infrastructure: 65%
- Gender Equality: 51%
- Sustainable Cities and Communities: 41%
- Affordable and Clean Energy: 16%

Highest potential

ICT in SDG4

- SDG4.4.1 proportion of youth and adults with ICT skills
- SDG4.a.1 proportion of schools with access to the Internet and computers for pedagogical use.
- Indicative strategy: Teachers with adequate technological skills to manage ICT
Support Areas

Policy Advice
- Integration of ICT in National Education Sector Plan to align with and facilitate SDG4 national priorities

Teacher Development
- ICT Competency Standards for Teachers

Digital Skills
- Digital Citizenship beyond ICT skills

Overall SDG4
SDG4.c
SDG4.4, 4.7
ICT in Education Master Plan

• A comprehensive and costed plan for ICT-integrated education
• Closely aligned with and supporting national education sector plans
• Guiding strategic implementation of key pillars, such as infrastructure, HR/teacher development, digital contents and curriculum, and EMIS
• Embedded resource mobilization plans
Comprehensive ICT in Education Master Plan

- ICT Infrastructure (Device/Connectivity)
- Curriculum
- HR (Teacher Capacity)
- Digital contents
- EMIS

ICT-enabled inclusive quality education for all
How it works

1. MOE’s official request
2. NESP review / readiness survey
3. MP development
4. Gov’t approval
5. Follow ups

- ICT competency standards for teachers
- Digital skills curriculum
ICT Competency Standards for Teachers

Systematic Teacher professional development

- Competency standards
- Teacher training curriculum
- Assessment and Recognition
Current projects (2018-2019)

- **ICT in Education Master Plan Dev’t**
  - Bhutan, Bangladesh, Nepal, Maldives, Sri Lanka, Solomon Islands

- **ICT competency standards for teachers**
  - Nepal, Philippines, Uzbekistan
  - Mongolia, Myanmar, Sri Lanka

- **Digital Skills**
  - Bangladesh, Vietnam, South Korea, Fiji
Thank You.

ICT in Education (ict.bgk@unesco.org)

UNESCO Asia Pacific Regional Bureau for Education (https://bangkok.unesco.org/theme/ict-education)