



United Nations
Educational, Scientific and
Cultural Organization



ICT to Facilitate SDG4 in Asia and the Pacific: A UNESCO's Perspective

Ministerial Forum on Global Dialogue on ICT and Education Innovation

19 April 2018

Jonghwi Park

ICT in Education, UNESCO Bangkok



United Nations
Educational, Scientific and
Cultural Organization

UNESCO Bangkok: Asia Pacific Regional Bureau for Education





United Nations
Educational, Scientific and
Cultural Organization

SDG4 (Education 2030)



“Ensure **inclusive** and **equitable quality** education and **lifelong** learning for all”



United Nations
Educational, Scientific and
Cultural Organization



Have we been embracing the full potential of ICT to extend quality learning opportunities for all?



United Nations
Educational, Scientific and
Cultural Organization

ICT Disparity in the Asia Pacific

Chart 2.7: IDI values, Asia and Pacific region, 2016

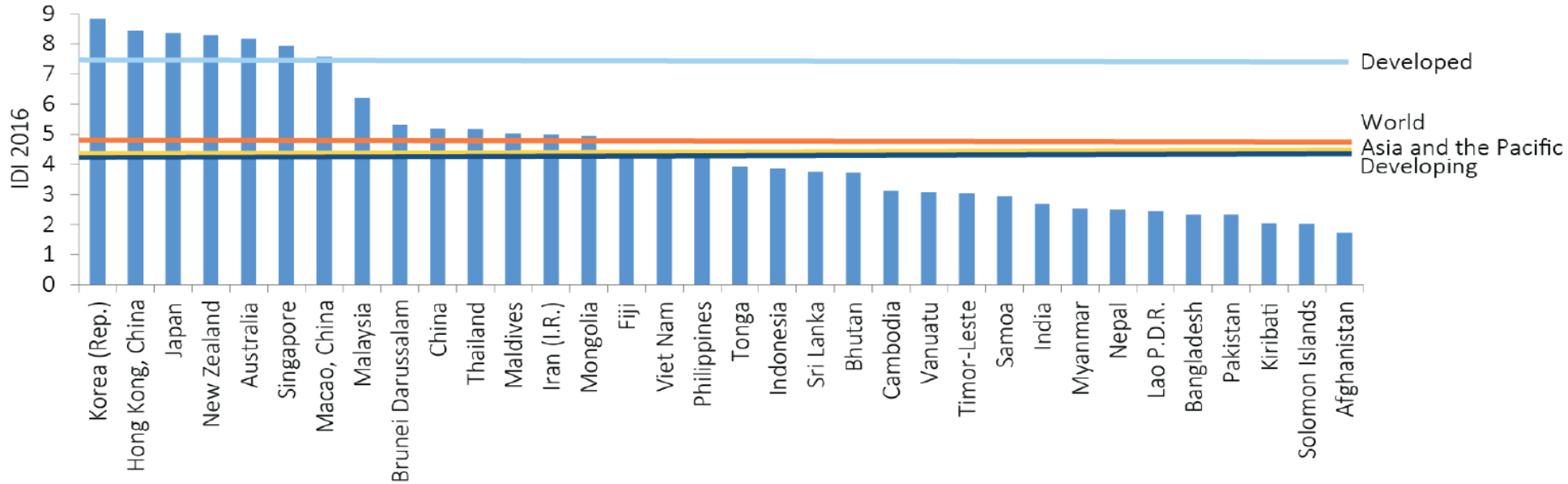
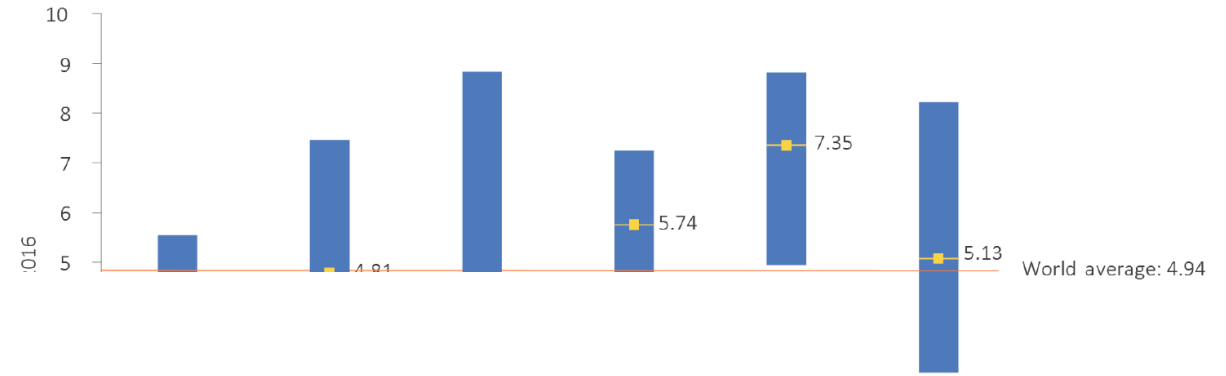


Chart 2.1: IDI by region compared with global average, 2016



educate. inspire. learn. discover.

Pelaksanaan
frogVLE
 Daerah Tawau
 Pusat Kegiatan Guru Daerah Tawau

frog VLE

yes Jaringan 4G

- Akademik:**
- Sumber rujukan dan pengisian kandungan
 - Kolaborasi dan perkongsian
 - Tugas dan semakan elektronik
- Komunikasi:**
- Notis
 - Forum
 - Laman web
- Pentadbiran:**
- Tempahan sumber rujukan
 - Kalendar

- Capaian:** di sekolah menerusi rangkaian Yes 4G
- Akses:** ke VLE dari mana-mana capaian Internet
- ID log masuk tunggal:** menyediakan akses ke VLE dan satu alamat e-mel di dalam VLE



ICDL
 Asia



discover
 tools, classroom aids, and ideas to enhance your teaching!

learn
 how simple it is to use Frog with videos and manuals to guide you!

inspire
 yourself with our daily nuggets of inspiration which will give you a boost along the way!

explore
 recipes, reviews, interesting news, and all that is good in life!



Thailand OTPC Initiative procured 1.7 M tablets (120M USD)

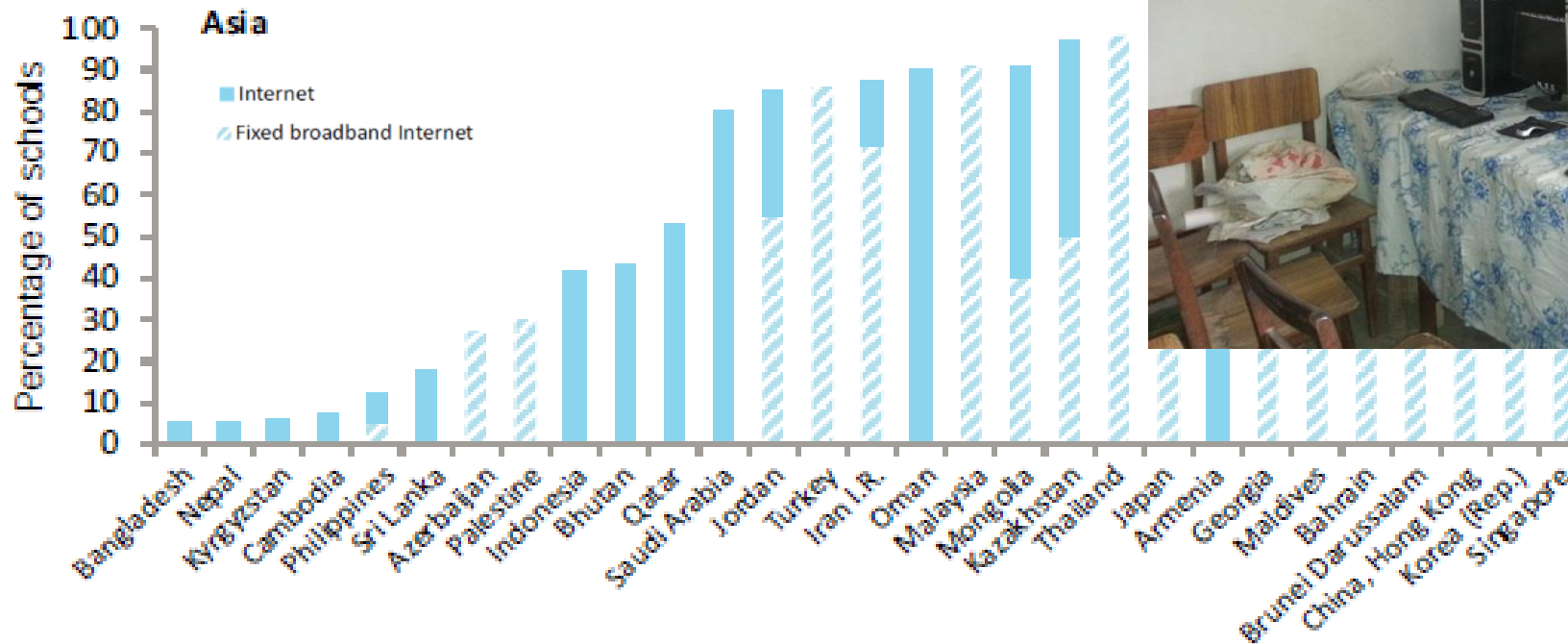




United Nations
Educational, Scientific and
Cultural Organization

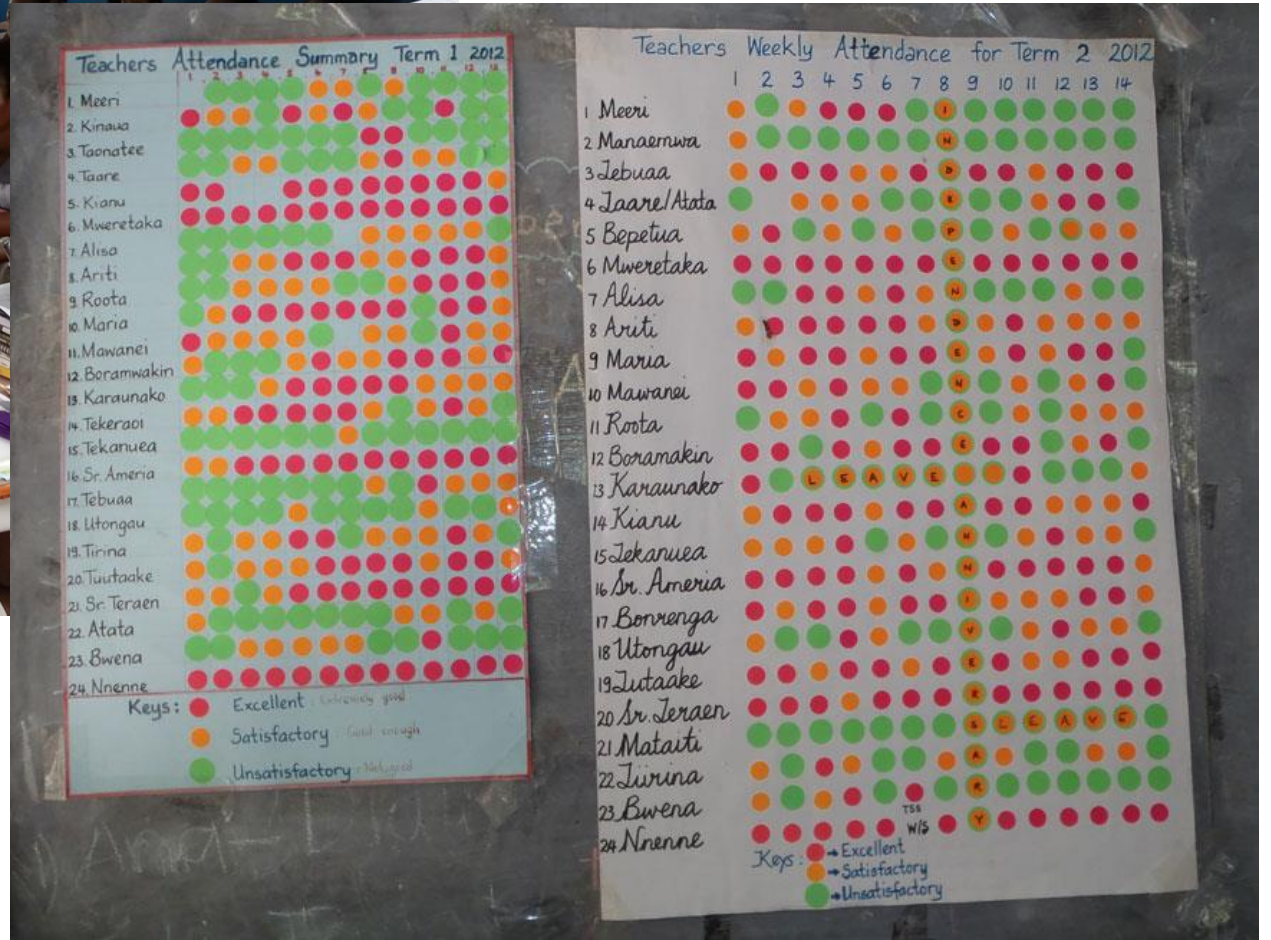
Internet Access in Schools

Chart 1.22: Proportion of schools with Internet access (total and fixed-broadband)



Source: UIS database, Partnership on Measuring ICT for Development WSIS Targets Questionnaire, 2013, as cited in Measuring Information Society 2014, ITU.

- Internet connectivity in many schools is not intended for teaching and learning and is instead used primarily for administration



<http://www.goodsams.org.au/article/kiribati-through-the-lens-of-australian-teachers/>

Research that helps make informed decision in education policy development

- Is ICT the best option to solve the concerned issue? (e.g. access, equality, literacy, teacher shortage, etc.)
- What are the indicators/evidences that we can say ICT played a major role in improving the holistic quality of learning?
- FAQ from emerging countries:
“what would be the minimum ICT requirement for schools to prepare our students for future?”
“how can we know the tablets that we distributed to a small district are worth mainstreaming across the country?”



Key lessons and UNESCO's responses

- Comprehensive ICT policy that complements and facilitates the national education goals towards SDG4
- Phased approaches to simultaneous and strategic implementation of infrastructure, teacher development, digital resources and education management information system (EMIS)
- Planning that guides smart investment and inclusive ICT in education
- Teacher training reform based on national ICT competency standards
- South-north and south-south cooperation to (re)distribute knowledge and resources



United Nations
Educational, Scientific and
Cultural Organization



<https://goo.gl/k9x1Qp>

Regional Strategy for Using ICT to Facilitate the Achievement of Education 2030



United Nations
Educational, Scientific and
Cultural Organization

Thank You.

Jonghwi Park (j.park@unesco.org); ICT in Education (ict.bgk@unesco.org)

UNESCO Asia Pacific Regional Bureau for Education (www.unescobkk.org/ict)

