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

Ministerial Forum on Global Dialogue on ICT and Education Innovation

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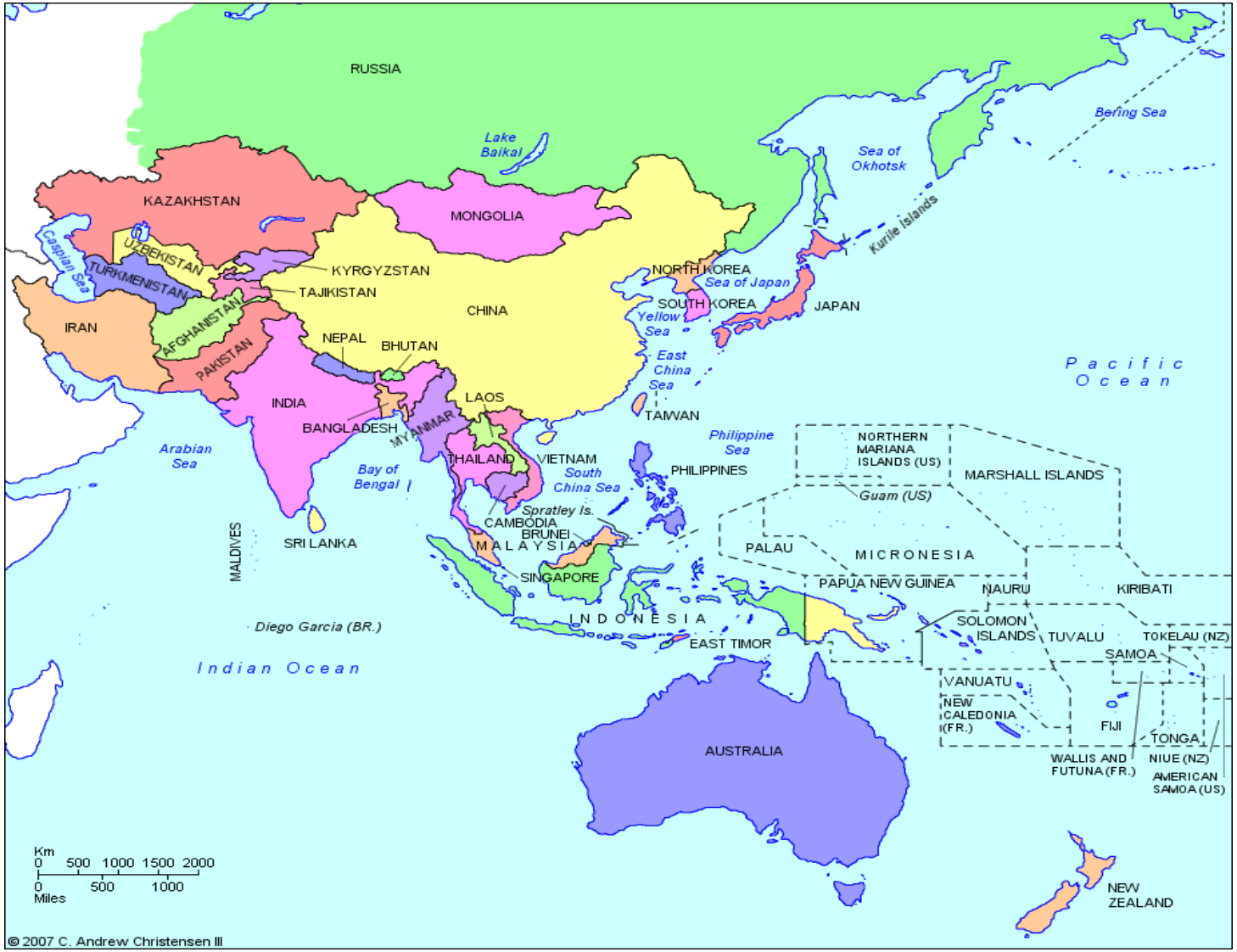
UNESCO Bangkok:
Asia Pacific Regional Bureau for Education



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SDG4 (Education 2030)

"Ensure **inclusive** and **equitable** **quality** education and **lifelong** learning for all"

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

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ICT Disparity in the Asia Pacific

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

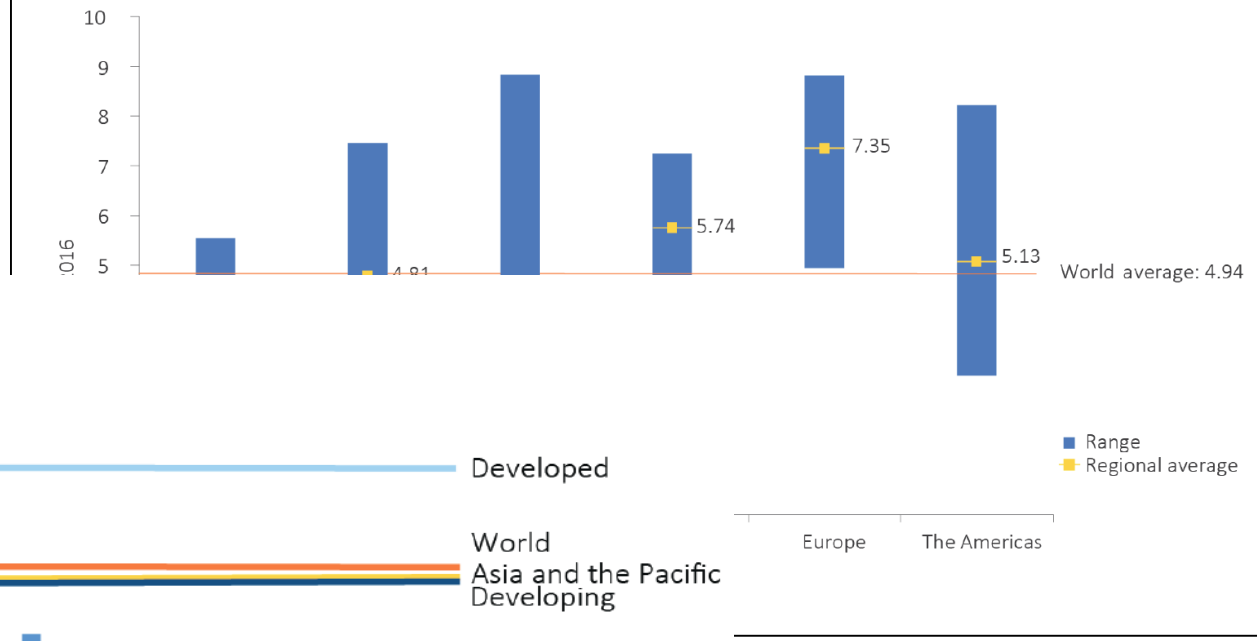
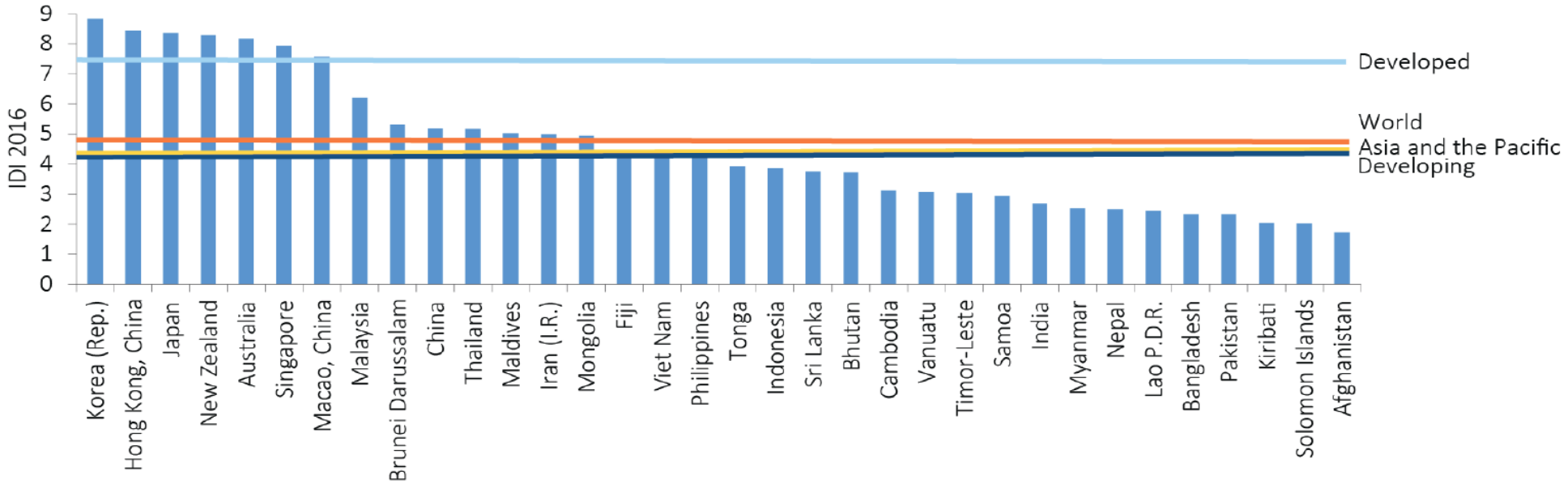


Chart 2.7: IDI values, Asia and Pacific region, 2016



Source: ITU.

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ICDL Asia

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

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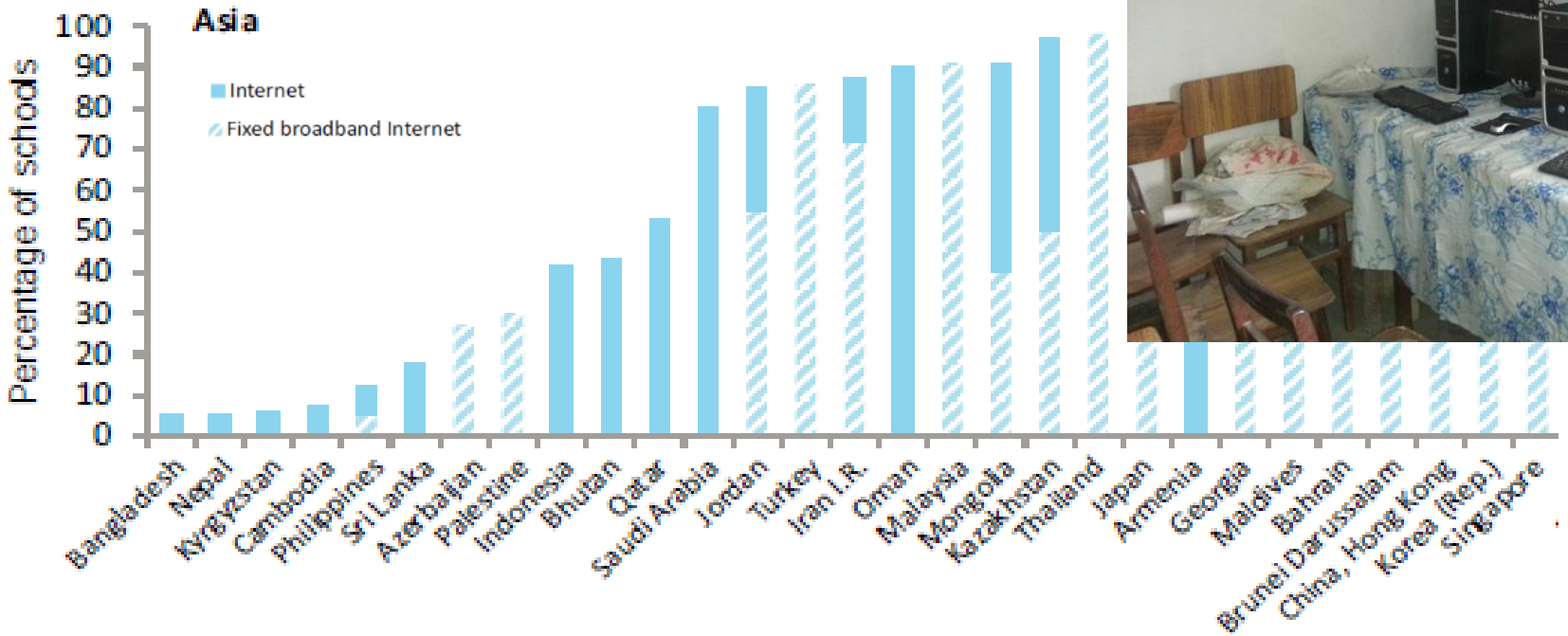
Internet Access in Schools

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



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

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

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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?”

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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

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https://goo.gl/k9x1Qp

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

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Thank You.

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