

Trends in Mobile Technology and Its Implications for Education: Asia-Pacific

The First UNESCO Symposium on Mobile Learning
15-16 December 2011, Paris

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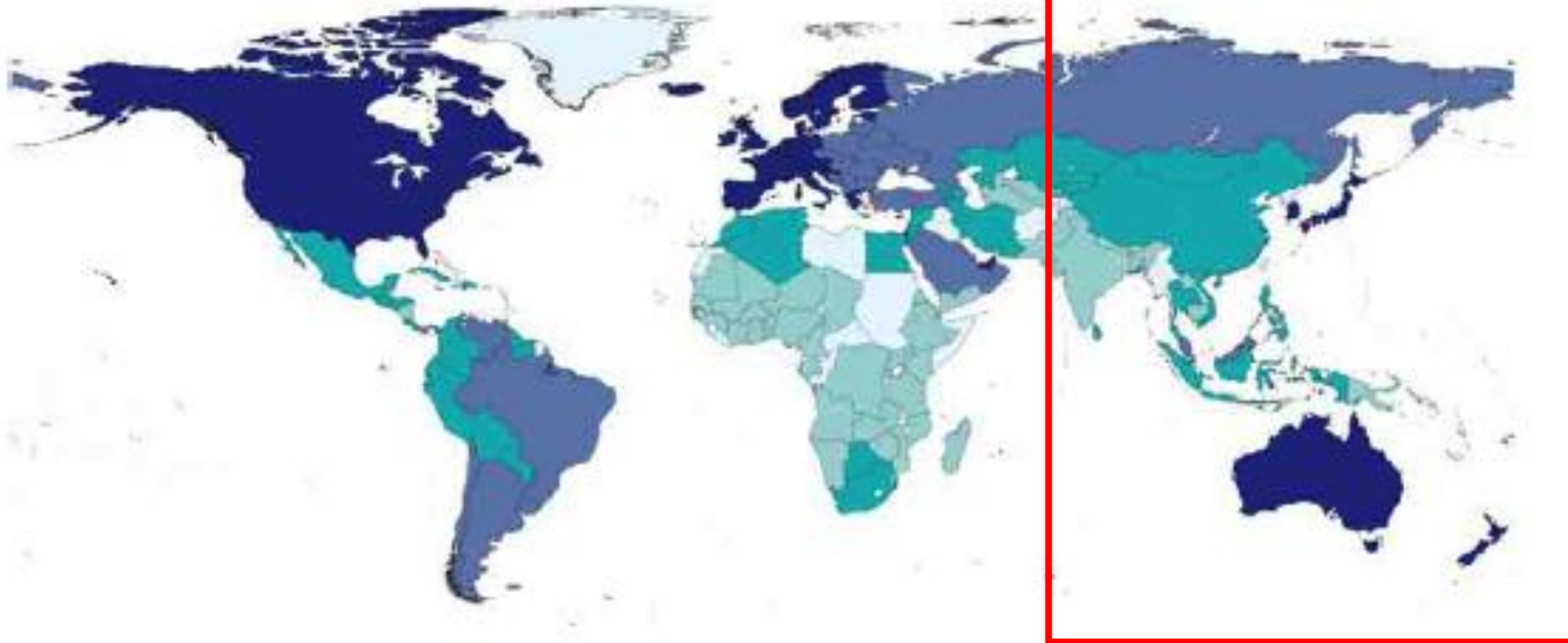
Outline

- I. Trends in Mobile Technology
- II. Promising Cases: M-Learning for EFA in the Asia-Pacific Region
- III. UNESCO Bangkok's Response
- IV. Conclusions



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ICT Development Index



ICT Development Index value 2010

- No Data
- Low 0-2.55
- Medium 2.56-4.05
- Upper 4.06-6.05
- High 6.06 and above

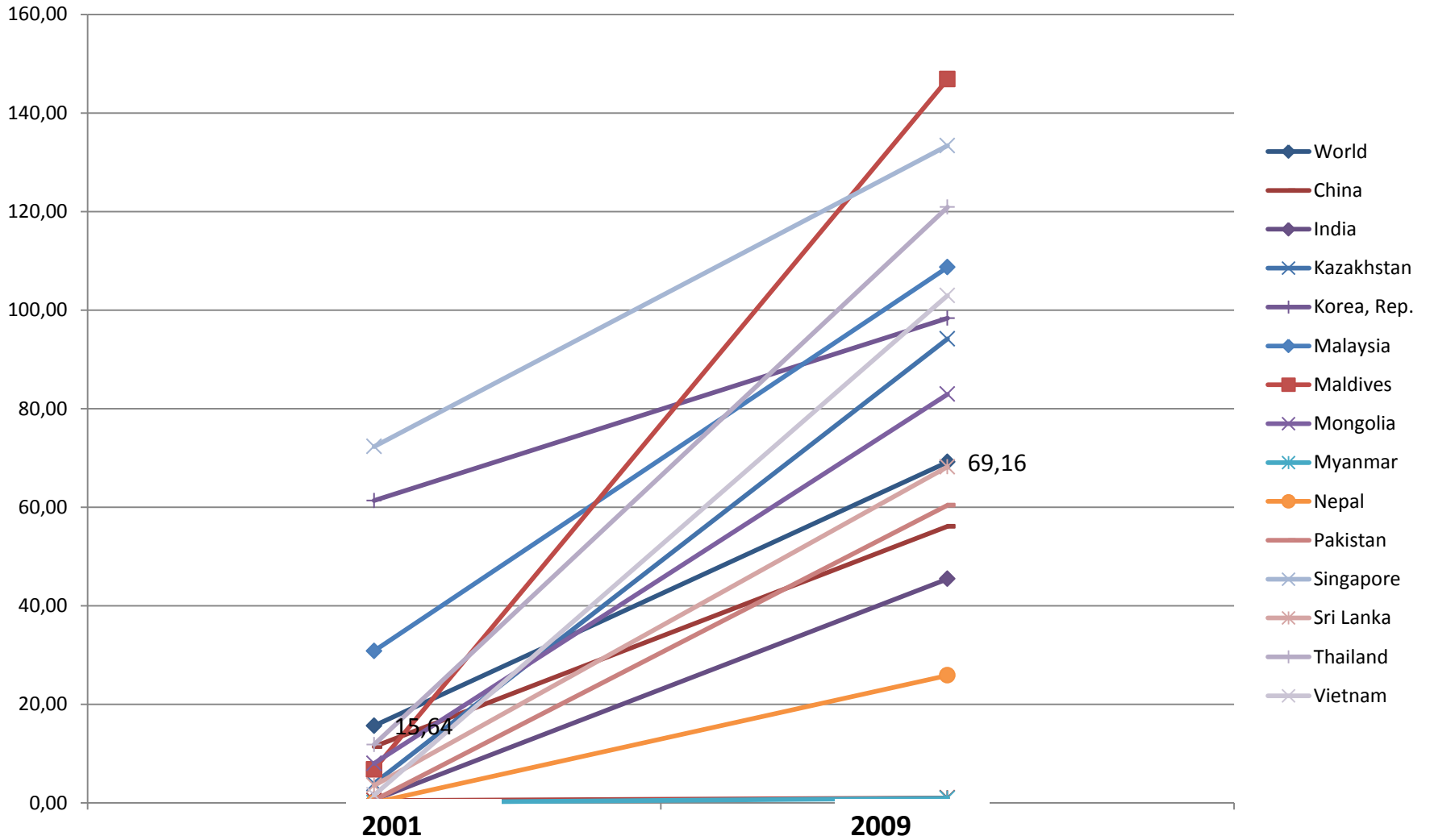


Source: International Telecommunication Union, World Telecommunication/ICT Development Report and database, and World Bank estimates. (<http://data.worldbank.org/indicator/>)



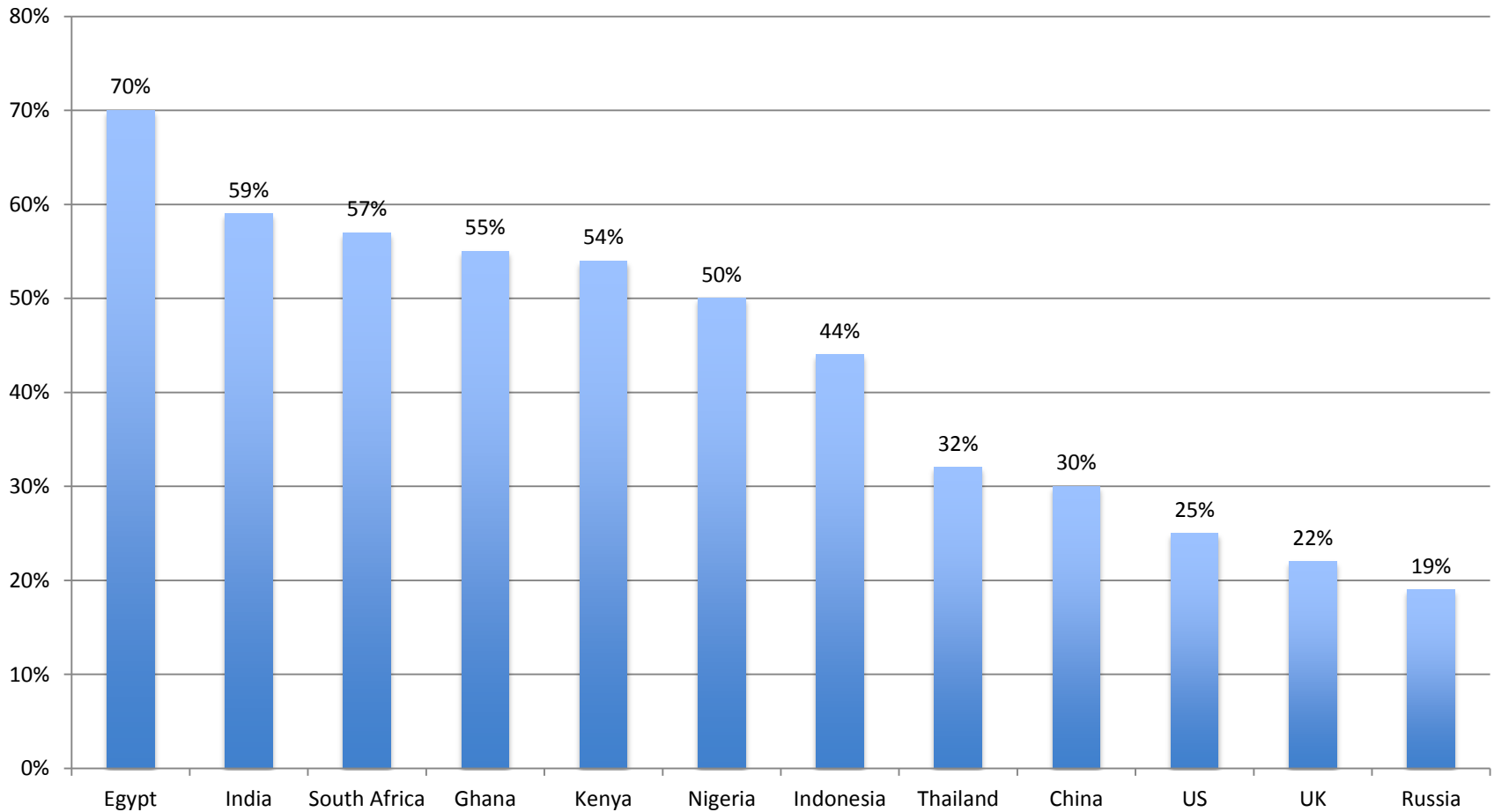
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Increase of Mobile Users



Percentage of Mobile-Only Web Users

Percentage of mobile Web users who never or infrequently use the desktop Web



Source: On Device Research (2010), n = 15,204

Mobile for Web

- Mobile Web access – via laptops and smart mobile devices – to overtake desktop Web within the next five years (ITU, 2010)
- There were more than 450 million mobile Internet users worldwide in 2009; this will pass the 1 billion mark by 2013 (IDC, 2009).

Mobile Tech for Education

- Mobile tech is a supplementary tool: Break away from thinking how to put the course in the tiny screen.
 - Creative use of the tech is called for.
- Great potential to achieve Education for All



Promising Cases in Asia-Pacific



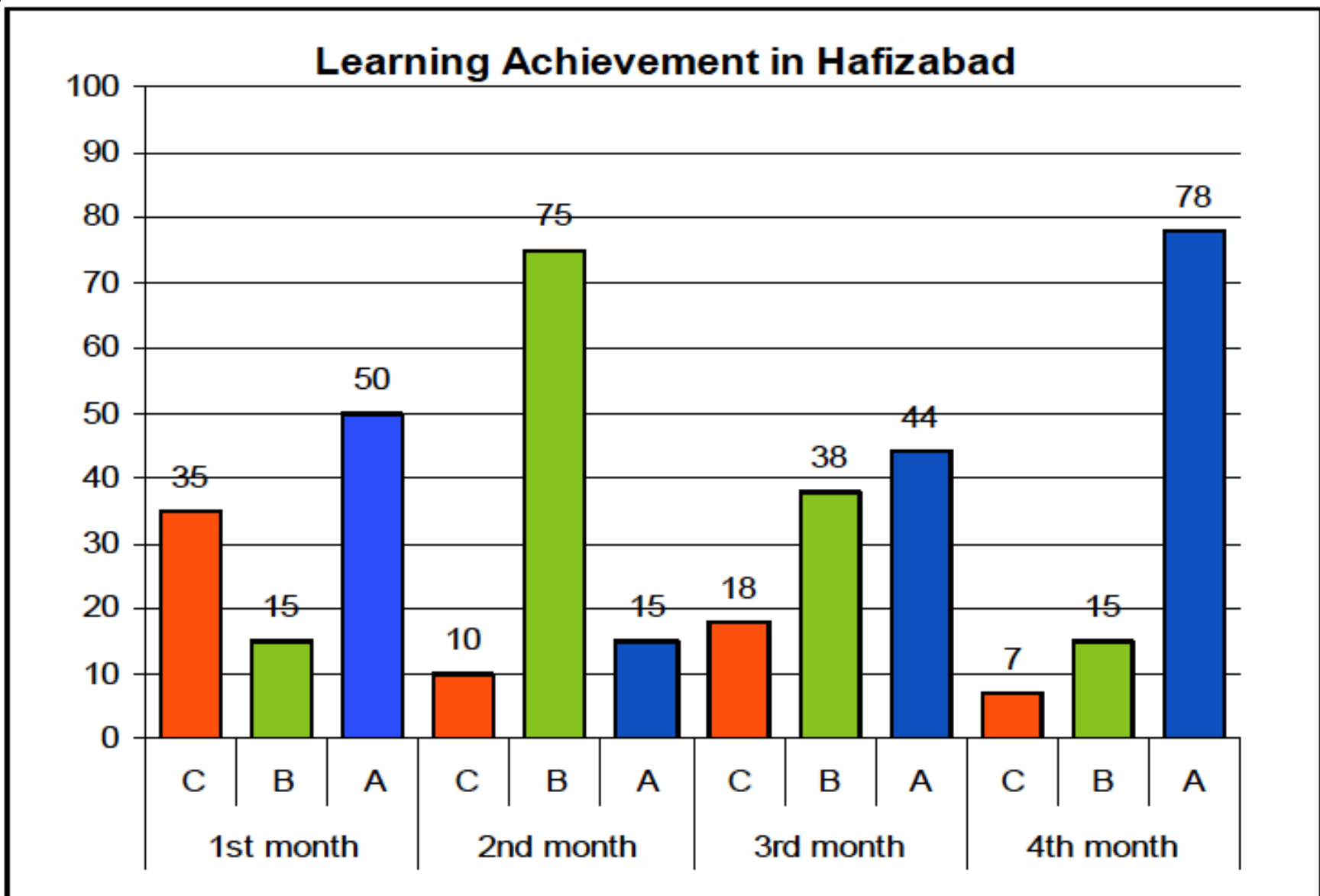
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Literacy Promotion through Mobile Learning in Pakistan

- To promote literacy among female adolescent learners
- Five months conducted with 250 adolescent girls in Punjab, with the help of 10 teachers

Modules

Month	Activities
0	<ul style="list-style-type: none">• Basic literacy course at literacy centers
1 st	<ul style="list-style-type: none">• Provision of Mobile phones and its orientation• Start receiving and sending messages• Work on workbook (copying messages by hand-writing) and read it out repeatedly
2 nd	<ul style="list-style-type: none">• Receive and send messages• Work on workbook (copying messages by hand-writing) and read it out repeatedly• Listening of teachers and writing
3 rd	<ul style="list-style-type: none">• Receive and send messages• Work on workbook (copying messages by hand-writing) and read it out repeatedly• Reply messages and answer questions
4 th	<ul style="list-style-type: none">• Receive and send messages• Work on workbook (copying messages by hand-writing) and read it out repeatedly• Reply messages and answer questions



A (100-70), B (69-50), and C (50-0) N=125



UNESCO Bangkok's Initiatives

- Participating in Phase 2 for the Pakistan M-Learning
- Being proactive for smart learning: M-Learning and T-Learning
 - Policy advice for Tablet Learning: Thailand
- Working closely with HQs on OER and M-Learning: esp. Teacher training

Conclusion



Conclusions

- Clear vision and shared goals of what this new mobile technology can achieve in education.
- Global standard without compromising local contexts
- Smart policy decision to support creative use of mobile technology for learning



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Thank You

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