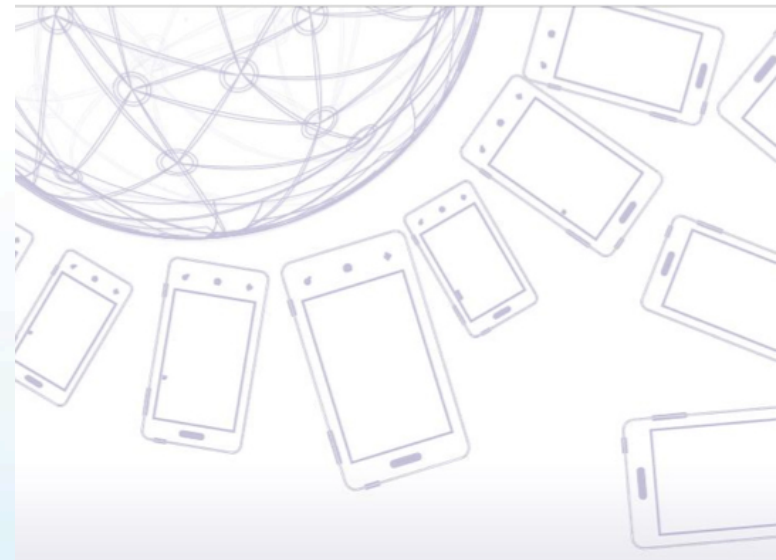




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m-Learning Working Group overview

**Report for m-Powering
Development Advisory Board,
May 2014**



Those involved



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- **Members drawn from m-Powering Development Initiative Advisory Board:**

- Tim Unwin (Chair) (CTO)
- Tayfun Acarer (President of the ICTA, Turkey)
- David Atchoarena (UNESCO)
- Anne Bouverot (GSMA)
- Anthony Bloome (USAID)
- John E. Davies (Intel)
- Omobola Johnson (Minister of Communication Technology, Nigeria)
- Veena Rawat (RIM)
- Binali Yikdirim (Minister of Transport, Maritime Affairs and Communications, Turkey)

- **Invited members with external expertise**

- Roz Gater (DFID)
- Simon Milner (Facebook)
- Mike Trucano (World Bank)

- **Colleagues supporting members of the Advisory Board**

- Ahmet E. Cavusoglu (Turkey)
- Belinda Exelby (GSMA)
- Florence Gaudry-Perkins (Alcatel-Lucent)
- Adrian Godfrey (GSMA)

Outline of report



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- Context
- Successful/Promising initiatives
- Stakeholders involved in m-learning
- Good practices
- Gaps and challenges
- Recommendations
- Annexes



Six key principles underlying our work



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1. Should not seek to replicate existing initiatives, but should identify the **relevant gaps** where the ITU has a competitive advantage.
2. It recognises a **diversity of views and opinions**,
3. It should promote **good practices**, which can then be localised and adopted in particular contexts
4. m-Learning, is but one aspect of a wider field of e-learning/ education, and **many of the principles of good practice in the latter are relevant to m-Learning**.
5. The “m” is being used to refer to **all kinds of education and learning undertaken through the use of mobile devices**
 - most commonly mobile-phones and tablets, but also including laptops and other devices where appropriate.
6. The Working Group should at this stage be as **inclusive as possible in its recommendations**, recognising that the concepts of m-Education and m-Learning are subtly different

Ways of judging m-learning - success criteria



- Enhanced learning outcomes, differentiated by subjects of study;
- Value for money with respect to alternative modes of learning;
- Scale and number of users;
- Increases in the quantity and quality of learning materials/ educational software available for mobile platforms;
- Attainment of relevant skills for employment, focusing especially on collaborative learning and assessment.
- Numbers of devices sold or rolled out to learners;
- Enhanced levels of Internet use, and thus revenue for ISPs and mobile operators;
- Enhanced use of education-based value-added services;
- Enhanced literacy and numeracy skills;
- Increase in employability of learners;
- Sustainability and funding mechanisms.



Exciting initiatives



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- Agastya Mobile Labs (<http://www.agastya.org/how/how-we-do-it/mobile-labs>)
- BBC Janala – mobile phones for adult literacy (Bangladesh) (<http://www.bbcjanala.com/>)
- Dr Math (<http://mathforum.org/dr.math/>)
- Mobiles for Education Alliance (www.meducationalliance.org)
- Nokia Life Tools (<http://www.nokia.com/in-en/support/faq/?action=singleTopic&topic=FA132357>)
- Tangerine technology, RTI (<http://www.tangerinecentral.org/>)
- Text2Teach, Philippines (<http://www.text2teach.org.ph/>)
- UNESCO's Mobile Learning work (<http://www.unesco.org/new/en/unesco/themes/icts/m4ed/>)
- Urban Planet Mobile (<http://www.urbanplanetmobile.com/what-we-do>)
- Worldreader (<http://www.worldreader.org/>)
- Yoza (<http://yozaproject.com/>)

- Main groups of stakeholders, each with their own interests
 - International organisations
 - National governments and public sector
 - Private sector companies
 - Civil society organisations
 - Educational and research institutions and staff
 - Citizens
 - Partnership organisations/brokers
- Hence, importance of adopting a holistic and collaborative approach

Emerging good practices



- Focus on **learning outcomes** not technology
- **Involve teachers and users** at all stages from design to implementation and review
- Consider **sustainability, maintenance and financing** right at the beginning
- Think **holistically and systemically**
- Ensure that **all relevant government Ministries** and Departments are involved
- Ensure **equality of access for all learners**, especially those who are marginalised (particularly those with disabilities and those without access to existing education systems).
- Appropriate and rigorous **monitoring and evaluation** must be in place
- Involve **participatory approaches in design** so as to ensure that adoption of technology is user-centric



Main gaps and challenges



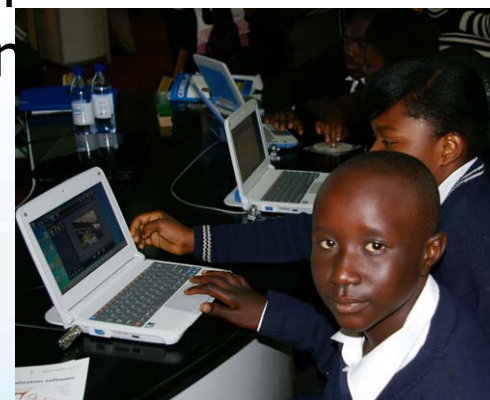
- The imperative of ensuring joined up approaches across Governments
- Open Platforms for sharing mobile-learning content
- Effective and Rigorous Monitoring and Evaluation
- Sharing contextualised examples of good practices
- Affordability
- Connectivity
- Creation of really effective multi-stakeholder partnerships
- Lack of relevant content



Four main conclusions



1. A very considerable amount of research and practice has already been done in the field of m-Learning and m-Education;
2. Despite the lack of high quality and rigorous monitoring and evaluation, there is widespread recognition of the potential of m-Learning to improve delivery of education and skills acquisition;
3. There already exist major international initiatives in the field of m-Learning and m-Education; and
4. We are still in the relatively early days of the use of mobile devices in learning and teaching, and developments are moving very quickly



Four areas of possible m-Powering Development activity



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1. Support and advocacy for the fundamental importance of appropriate **monitoring and evaluation** of m-Learning and m-Education initiatives
2. Enhanced **understanding by Governments** of the essential need for all mobile initiatives to be approached in a **holistic** manner, involving all relevant Ministries and partners
3. Support for an environment for **sharing and showcasing good practices in m-Learning** as part of a wider m-Powering Development online resource
4. Support for the creation of an **Open mobile app to provide for free sharing of m-Learning content**, as well as the dissemination of commercial resources

Still a long way to go!



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