

## HAITI ICT IN EDUCATION SUMMIT

### PORT-AU-PRINCE

JUNE 16-18, 2011

**Harnessing the power of Information and Communication Technology (ICT) and Innovation to  
Enhance the Relevancy and Quality of Education**

*Men anpil, chay pa lou. (Many hands lighten the load.) - Haitian proverb*

**Venue:** Hôtel Montana, Rue Franck Cardozo, Port-au-Prince 6119.

**Disclaimer:** This document is a draft agenda for the Haiti ICT/Education Summit and is subject to change and/or revision based on confirmation of speakers, comments etc. The speakers marked with an asterisk (\*) are still pending confirmation.

### DRAFT PROGRAMME

#### Thursday, June 16

##### Grand Opening and Welcome Reception

5:30 - 6:00 PM

**Registration**

6:00 - 6:30 PM

**Opening and remarks**

**His Excellency Michel J. Martelly**, President of Haiti

**Eduardo Almeida**, IDB Country Representative in Haiti

6:30 - 8:00 PM

**Reception and Cocktail**

A social networking reception will be held at the Montana Hotel

#### Friday, June 17

8:30 - 9:30 AM

**Registration and Breakfast**

8:30 - 9:30 AM

**Coffee and light refreshments - (coffee, orange juice and pastries)**

9:30 - 10:00 AM

**Opening Plenary Session**

**Strategic vision and directions for ICT in Education in Haiti**

**Creutzer Mathurin**, Cellule de Pilotage, MENFP

10:00 - 10:40 AM

**Keynote speaker:**

**Rethinking Schools: the Role of innovation in 21<sup>st</sup> Century Learning**

**Vijay Kumar**, Senior Associate Dean at MIT and the Director of MIT's Office for Educational Technology and Innovation

10:40 - 11:00 AM

**Keynote speaker:**

**ICT for Education and Economic Growth: The Challenges of Meeting the Millennium Development Goals**

**Jeffrey D. Sachs**, Director of The Earth Institute, Quetelet Professor of Sustainable Development, and Professor of Health Policy and Management at Columbia University

11:00 - 11:20 AM

**e-Learning in Africa – Transforming Education through Enabling Technologies**

**Thomas Abell**, Senior Manager at Accenture Development Partnerships

11:20 - 11:40 AM

**Break & Networking Opportunity**

11:40 - 1:00 PM

**Panel session:**

**ICT to Empower Learning, Creativity & Innovation**

Applying modern Information and Communication Technologies (ICTs) to current education challenges holds the promise of greatly facilitate the acquisition and absorption of knowledge, offering developing countries unprecedented opportunities to enhance educational systems, improve policy formulation and execution, and widen the range of opportunities for business and for social impact.

However, for this education transformation to happen, national governments need to take a stronger leadership role to develop effective policies and strategies to mainstream appropriate ICTs into the teaching/learning process. By including the meaningful use of technology to support education at a systemic level within National Education Plans and Goals, with appropriate budget allocation and resources, countries would be able to successfully move beyond pilot efforts into scaled-up programs with national reach and greater impact.

During this session, the panelists will highlight their perspectives on the key technological, behavioral and policy dynamics shaping the ICT for Education opportunity. They will discuss the key risks, uncertainties and opportunities for enhancing collaboration in this field.

**The key topics for discussion are:**

- Under what conditions does technology have a positive effect on teaching and learning?
- How much ICTs have been contributed to MDGs' educational goals?
- Does the one-to-one model, as espoused for instance by the one laptop per child initiative, represent the best strategy for developing countries, or is this an unattainable goal in a world where scarce resources should be focused on shared facilities?
- What are the real costs of ownership of computers in schools (e.g., taking into account also teacher training, software, maintenance etc) and is the hardware component being oversold?
- How ICT can be useful in Education?
- What is the importance of a policy framework for creating an effective and functioning ICT-enabled learning program?

Opening Remarks by  
**Thomas Miller**, Head of Section for Teachers and Cross-Cutting Themes at  
UNESCO

Panelists

**Philippe Mero**, CEO at Education Impact

**Michael Trucano**, Senior ICT and Education Specialist, The World Bank

**Mark Summer**, Co-Founder and Chief Innovation Officer at Inveneo

**Roxana Bassi**, ICT Specialist, Global e-schools and Communities Initiative  
(GeSCI)

Facilitated by

**Genevieve Douyon**, Haitian Writer & Education Specialist

1:00 - 2:00 PM

**Luncheon**

2:00 - 3:20 PM

**Panel session:**

### **21<sup>st</sup> Century Education and Preparation of Human Capital**

There are an estimated 16,080 primary and 3,277 secondary schools in Haiti, of which 85% are non-public and managed by communities, religious organizations, for-profit companies or NGOs. The enrollment rate for primary school is 67%, and fewer than 30% reach 6th grade. Secondary school enrollment is at 20% of eligible-age children. An estimated 70% of primary school teachers have no formal training; 400 new teachers certified each year, versus a need for over 2000 teachers annually. Haiti must overcome these long-standing deficiencies in school infrastructure, teacher quality and education standards in order to prepare its young people for citizenship and work in the 21st century.

The panelists will debate strategies to overcome these barriers and will highlight their perspectives and vision about the gaps between knowledge and practice, the differences between schools in the 20th and 21st century, abundance of information phenomenon, and the rapid changes in technology tools.

#### **The key topics for discussion are:**

- How can the impact of computers in schools be measured, in terms of educational attainment?
- Can technology help to improve the quality of education?
- ICTs are good, content is better, and Teachers are the best  
Educational ICT investment: what's your taken on this?
- What role should ICT skills play in the core curriculum and what skills taught now will still be relevant in ten year's time?
- What are the steps Haiti should take towards building human skills to master new technologies and innovations? Is it feasible?
- LAC countries' performance is lagging behind OECD countries and industrialized Asia, in terms of technology creation and human skills developments. What is required to change the status quo?
- How governments could effectively reform and not "enhance" the education through reform plans?
- For what world are we preparing students today?

- What's the importance of open educational resources and Web 2.0-based approaches to learning and competence building?
- How is the world changing in ways that impact skill demands?

Opening Remarks by

**Marcelo Cabrol**, Head of IDB Education Division

Panelists

**Sherry Lassiter**, Program Manager at the Center for Bits and Atoms MIT Media Lab

**Jean-Pierre Bayard**, Assistant Vice President for Academic Affairs Technology Initiatives and Director of Academic Technology & Creative Services, California State University, Sacramento

**Jacky Lumarque**, President of Quisqueya University; Chair, Presidential Commission on Education (PCE)

**Carla Jimenez**, ICT in Education specialist at the IDB

Facilitated by

**Michael Trucano**, Senior ICT and Education Specialist, The World Bank

3:20 - 4:00 PM

**Keynote speaker:**

**Leveraging Technology to Enhance the Relevancy and Quality of Education**

**Rodrigo Baggio**: Founder of the Committee for the Democratization of Information Technology (CDI)

4:00 - 4:10 PM

**Break & Networking Opportunity**

4:10 - 5:30 PM

**Panel session:**

**Education Innovation and Economic Growth**

In today's rapidly changing world information and knowledge form the foundation of economic development, by creating jobs, driving growth, and replacing traditional labor-intensive systems as the primary engine of wealth creation. In addition, the technological developments of the 20th century have shifted advanced economies away from physically based structures and toward knowledge-based systems.

The panelist will dive deep into this paradigm shift, reflect on these topics and share their experiences.

**The key topics for discussion are:**

- What is the role of Entrepreneurship, Innovation, and Economic Growth in today's economies?
- What is the role of ICT in the 21st century education?
- How to bridge the gap between knowledge generation and business venture development?
- How to promote the creation of SMEs via Incubators and other strategies?
- Why investing in innovation matters?

- What is the importance of Public Private Partnerships to reshape the education systems?
- How to stimulate Research & Development and Workforce development in Haiti?
- How to provide a fertile soil for launching ventures based on technology innovations? Would that be a possible path for Haiti?
- How can a holistic Education Management Information Systems improve education and support the education transformation?
- The LAC's poor performance in technology creation and human skills developments is mainly due to the scarce "learning" or "innovative" capacity, arising from low investment in human capital and technological infrastructure. What should be done?
- What are the 21st century skills necessary for innovation and economic growth?
- What is the importance of policy frameworks to support systemic and sustainable changes?
- What steps countries must take to keep pace with the dramatic changes in the global economy and the skill sets that are required for students to succeed today and throughout the 21st century?

Opening Remarks by

**Vijay Kumar**, Senior Associate Dean at MIT and the Director of MIT's Office for Educational Technology and Innovation

Panelists

**Frank Schott**, Global Program Director at NetHope

**Jose Pierre**, The Children Heritage Foundation

**Mathias Pierre**, President of AHTIC (Haitian Association for the Development of ICT)

**Kesner Pharel**, President-general director of Group Croissance S.A

Facilitated by

**Kristen Hamilton**, Director of Global Educator Strategy and Programs for Microsoft Corporation

5:30 - 7:00 PM

### Reception and Cocktail

A social networking reception will be held at the Montana Hotel

## Saturday, June 18

8:00 - 9:00 AM

### Registration and Breakfast

8:00 - 9:00 AM

### Coffee and light refreshments - (coffee, orange juice and pastries)

9:00 - 9:20 AM

### Opening and remarks

**Eduardo Almeida**, IDB Country Representative in Haiti

9:20 - 10:40 AM

### Panel session:

### ICT in Education-Theory, Practice and Lessons Learned

While ICT alone cannot solve all pressing problems and complex dimensions of the education systems, there seem to be a general perception that it could play a key role in transforming the education sector. However, for this transformation to happen, national governments need to take a stronger leadership role to develop effective policies and plans to mainstream appropriate ICTs into the teaching/learning process.

There is a growing body of research evidence showing that simply putting computers into schools is not enough to impact student learning. And, introducing ICT into the schools, without a proper staff development plan and without a pedagogical perspective, is a low-return investment.

This session will bring some of the key experts with hands-on and theoretical experience in technology-enabled education to deliberate on the most pressing challenges of 21st education from capacity building to reengineering pedagogy, change management to providing digital access.

**The key topics for discussion are:**

- What is your biggest lesson learned in the use of ICT in Education?
- What is the importance of Kreyòl-based and technology-enhanced learning content?
- Where is the impact potential greatest? How to get started?
- What are the biggest risks and uncertainties shaping this opportunity?
- What are appropriate responses to identified risks?
- How ICT can be useful in Education?
- What is the importance of a policy framework for creating an effective and functioning ICT-enabled learning program?

Opening Remarks by

**Miguel Nussbaum**, Professor for Computer Science at the School of Engineering of the Catholic University of Chile

Panelists

**Thomas Miller**, Head of Section for Teachers and Cross-Cutting Themes at UNESCO

**Michel DeGraff**, MIT Haiti

**Thomas Abell**, Senior Manager at Accenture Development Partnerships

**M. Guy Serge Pompilus**, Coordinator, Project OLPC Haiti

Facilitated by

**Roxana Bassi**, ICT Specialist, Global e-schools and Communities Initiative (GeSCI)

10:40 - 12:00 PM

**Panel session:**

**Education Innovation and Challenges Faced by Teachers and Learners**

The panelists will debate alternatives and challenges to create 21<sup>st</sup> century indigenous capacity, which could ultimately address Haiti's pressing social and economic problems, transform its society, and have a



positive impact on the standards of living and quality of life for the poorest. However, for this transformation to happen, Teachers, the single most important investment in the future, should know how, where, and when (and when not) to use technology for classroom activities and presentations, for management tasks, and to acquire additional subject matter and pedagogical knowledge in support of their own professional development.

**The key topics for discussion are:**

- What is the importance of pre/in-service teachers retraining & upskilling in ICT in Education?
- Teachers training - Is it the solution to better ICT usage in Education?
- How and what to train teachers?
- How to empower teachers with technology?

Opening Remarks by

**Katharine Yasin**, Education Development Center (EDC), International Development Division

Panelists

**Miguel Nussbaum**, Professor for Computer Science at the School of Engineering of the Catholic University of Chile

**Patrick Attié**, Directeur Adjoint, ESIH (l'Ecole Supérieure d'Infotronique d'Haïti)

**Jake Watson**, International Rescue Committee

**Berg P. Hyacinthe**, ICT specialist at the State University of Haiti

Facilitated by

**Michel DeGraff**, MIT Haiti

12:00 - 12:10 PM

**Break & Networking Opportunity**

12:10 - 1:30 PM

**Panel session:**  
**High-Skilled Workforce Development and The Future of Haiti**

Efficient production relies on information and know-how; over 70 percent of workers in developed economies are knowledge and information workers. In a knowledge economy, many factory workers use their brains more than their hands. Knowledge, science, and technology are now the key factors of production, and innovation has become the foundation of knowledge-based economies. The panelist will dive deep into this paradigm shift, reflect on these topics and share their experiences.

Opening Remarks by

**Peter Frisch**, General Manager at Maison Henri Deschamps

Panelists

**Robin Padberg**, CEO at Voilà

**Kurt Jean-Charles**, CEO at Solutions Haiti

**Schiller Jean-Baptiste**, head of the ICT Unit at CONATEL

Facilitated by  
**Lou August**, Global Co-Leader of ICT for Development at World Vision  
International

1:30 - 2:30 PM

**Closing Lunch**

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