

HAITI PRESENTATION

Caribbean Special Interest Group (SIG)

Internet2 Emerging NRENs Meeting

World Bank

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Presetator

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Lead by the MENFP

Introduction 1

1.1 – Formal commitment of Haitian leaders to use ICTs, particularly the Internet for:

- Services to the public:
 - Education
 - Health
 - Identification
 - Etc...
- Production:
 - Quantitative and qualitative improvement of agricultural products
 - Development and promotion of artwork
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- Early alert
 - Surveillance systems
 - Information to the population

Introduction 2

- The new Operation Plan, just finalized and adopted by the MENFP will use ICT as a tool to develop a national network to compensate the lack of Infrastructure and Qualified teachers
- The elected President, Mr Michel Martely, considers education, principally for Early childhood and Fundamental a high priority.

OBJECTIVES 1

- Educate to reduce poverty
- Educate to improve health
- Educate to create jobs
- Educate to increase local production
- Educate to ameliorate access to interesting sources of knowledge and information

OBJECTIVES 2

- Strengthen collaboration with World Bank, IDB, Internet2, and others to develop and deploy Internet applications in Haiti
- Communicate specific expectations of the MENFP

The Haitian Education System

- 3.1- Early childhood (0 – 6 years)
- 3.2- Fundamental education (7 – 14 years)
- 3.3- Secondary education (15 – 18 years)
- 3.4- Vocational training
- 3.5- Higher education

Early childhood & Pre School

- Enrollment : 839,168.
- Percentage in Public schools: 5.95%
- Percentage in Private schools: 94.04%

Fundamental education

- Attendance : 2,912,072.
- Percentage of public schools: 9.31%
- Percentage of private schools: 90.68%

Secondary school

- Attendance : 947,736.
- Percentage of public schools: 8.43%
- Percentage of private schools: 91.56%

Higher education and Vocational training

- Besides the State University of Haiti which boasts 10 schools, 2 institutes and half a dozen grandes ecoles (competitive-entry higher education establishments), there are approximately 200 private institutions of Higher Learning.
- Among those private institutions, 57 are officially recognized and licensed by the Ministry of Education : 24 universities, 3 schools, 10 institutes, 7 Grandes ecoles, 9 Training or research centers, 2 academies, 1 college, 1 seminary
- The State University counts approximately 25,000 students
- Private institutions total over 75,000 registered students

Source: MENFP - DESRS

Cooperation and partnership agreements

A number of these Institutions of Higher Learning have agreements with universities in Europe or the United States, for curricula sharing, distance learning or other specific needs and projects.

State of the networks of the Institutions of Higher Learning after January 12, 2010

- In Port-au-Prince, where the majority of the institutions of Higher Learning are located, their facilities suffered extensive damage during the earthquake of January 12, 2010.
- 85% of the schools of the State University collapsed.
- Almost 100% of private establishments were destroyed.
- Most of the establishments (public and private) operate now in temporary structures.
- Those of them that did have local area networks lost them in the destruction of their facilities.

Local loops

- 3 cellular phone companies (Digicel, Comcel, Haitel)
offer Internet access, in addition to phone service
- 4 Internet Service Providers (Multilink, Hainet, ACN, AccessHaiti) offer communication services on wide band wireless access
- 1 company (NATCOM) newly established through the privatization of the state-owned telephone company, will offer all communication services, including fiber optic cable access, starting next month

International access

- 1 fiber optic link between Haiti and the Bahamas is now operated by NATCOM
- 3 microwave links to the Dominican Republic are operated by authorized companies totalizing about 900 Mbit/s
- Numerous satellite links

Ways to help

- All education ICT projects must be deployed under the coordination of the MENFP. They will be integrated in the Operation Plan
- All ICT projects must include electricity alimentation to allow a better coverage
- All Wide Area Networks must use local, authorized operators

CONCLUSION

- Haiti, through its Ministry of Education and Vocational Training, strongly wishes to work with Internet2, World Bank, IDB and others to develop the NREN for better availability to community projects and services by implementing specific projects or by working together to define what to be done according to a sharing understanding.

THANK YOU