

HAITI PRESENTATION

Internet2 member meeting
November 1-4, 2010

Prepared by a Task force
Led by the MINISTRY of EDUCATION and VOCATIONAL TRAINING
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1. Introduction

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

1.2- Need to develop a national network to compensate for lack of:

- Infrastructure
- Qualified human resources

2. OBJECTIVES of the PRESENTATION

- 2.1- Brief overview of the national networks
- 2.2- Strengthen collaboration with Internet2 to develop and deploy Internet applications in Haiti

3. 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

4. Early childhood & Pre School

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

Ref. : Estimation DPCE 2008-2009

5. Fundamental education

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

Ref. : Estimation DPCE 2008-2009

6. Secondary school

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

7. 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

8. 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.

9. 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.

10. 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
- Numerous satellite links

11. 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 early January 2011

12-Projects underway

- Two virtual libraries are being set up respectively with MIT and Library Without Borders
- Vocational Training programs will be available on-line, within the State University of Haiti, through a partnership with the French CNAM (Conservatoire National des Arts et Métiers)*
- The AUF (French speaking Universities Association) will establish a dozen virtual universities through private learning institutions, mainly for post-graduate (Masters) programs
- Haiti will soon be connected to CaribNet, the education and research network that will interconnect different higher education establishments in the Caribbean

*[National Conservatory of Arts and Trade]

13. CONCLUSION

- Haiti, through its Ministry of Education and Vocational Training, strongly wishes to work with Internet2 to develop NREN for better availability to community projects and services.
- Through collaboration with Internet2, Haiti hopes
 - To find the technical support needed to restore the LANs of learning institutions
 - To adjust the capacity access and
 - To facilitate the implementation of Telemedicine as well as similar applications in other fields.

THANK YOU