

WSIS cluster – action line C5

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# Enhancing cybersecurity in LDCs thru multi-stakeholder networking and free software



## Outline

1. Francophonie approach
2. Free software capacity building for cybersecurity
3. Conclusions
4. Networking activities

## Francophonie...

- 53 countries and member states on the 5 continents
- 13 observers countries
- one main operator (which is intergovernmental by charter): OIF
- operators: AUF ( Francophonie Universities agency), AIMF (Association of Francophonie mayors), TV5 (the Francophonie TV), Senghor University in Alexandria (Egypt)
- Francophonie Parliaments assembly (APF)
- CONFEMEN (Francophonie Conference of Ministers in charge of Education)
- CONFESJES (Francophonie Conference of Ministers in charge of Youth)

## Francophonie approach

### The vision

- Freedom of technological choice: very important for democracy and development, good governance and interoperability with open standards
- Sharing: digital solidarity thru free software communities, opportunity for LDC entry in the digital industry, possibility for LCD to respect IPR, technical ownership
- Cultural Diversity : inclusion, multilingualism

### The context in Africa

- many priorities (food, health, education, poverty...)
- lack of capacity (technical, strategic, finance..)
- open doors in the world that brings world cyber-problems
- dilemma (go or not go for internet) that harms use of ICT for development

## Capacity building thru free software:

- Support the online communities (mailing lists)
- technical workshops on internet security (in national workshops and thru the regional workshops of RALL- african free software meetings- in Ouagadougou 2004, Libreville 2005 and Rabat 2007, next in Abidjan 2009): training of trainers
- dissemination of technical knowledge thru 12 ICT labs (LABTIC) in Africa and the network of national free software users
- pilot network of mirror sites where free software can be downloaded (installation, updates) in 5 countries

## Networking activities:

- training is used to set up human networks,
- With ECA and Tunisian National certification agency (ANCE): launch of AFRIPKI initiative
- First african cybersecurity conference (AF-Cybersec 2008 ) in Abidjan 30 september- 2 october 2008: cooperation of OIF and Ivory Coast government
- objectives:
  - share best practices
  - boost south-south cooperation
  - set up regional entities/networks to overcome lack of finance and and lack of capacity
- National cybersecurity workshop in Ivory Coast (16-18 june 2008): in preparation to the AF-Cybersec 2008

## Contacts for AF-Cybersec 2008 conference

### Ivory Coast:

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## Conclusions

### OIF is helping the Africa region to:

- keep update
- set up its own independent structures for cybersecurity
- build technical capacity

**and is seeking for partnership with other international organizations to bring broader support.**



## Web links:

### OIF

[www.francophonie.org](http://www.francophonie.org)

### IFN (Institut de la Francophonie Numérique)

[ifn.francophonie.org](http://ifn.francophonie.org)

### AAUL (African free software users association)

[www.aaul.net](http://www.aaul.net)

### CHALA (African Club of Free software entrepreneurs)

[www.chala.biz](http://www.chala.biz)

### Forge AAUL (AAUL sourceforge)

[forge.aaul.net](http://forge.aaul.net)