

**THE USE OF THE SOFTWARE INVENIO TO  
BUILD THE DIGITAL LIBRARY FOR  
HIGHER EDUCATION AND SCIENTIFIC  
RESEARCH IN CÔTE D'IVOIRE**

# SUMMARY

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2. Universities and research institutions in Côte d'Ivoire
3. RITER/WACREN

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# GENERAL PRESENTATION

## 1. History of the digital library

- ❖ **2002 : integration of the university (Cocody) in the project Datad**
- ❖ **2005 : the physical catalog of thesis and dissertations published by Profesor LY-BAKAYOKO Ramata ;**
- ❖ **2007-2008 : workshops and individual trainings to create the database with the software WINISIS in the public universities and Higher school libraries (ministry's direction of scientific information...)**
- ❖ **2011 : political crisis in Côte d'Ivoire with a lot of destruction and lost of some important collections and materials in the universities libraries closed during 2 years or more (government decision)**
- ❖ **2011 : participation to the 3rd school of Digital libraries in science, use of the software INVENIO - Organized by CERN and UNESCO, Dakar (Senegal)**

# GENERAL PRESENTATION

## 1. History of the digital library

- ❖ **May 2012 : six librarians and IT ingeneers from Mali, Burkina Faso, Maroc, Senegal, Côte d'Ivoire at CERN for a follow-up of the workshop in Dakar (organized by CERN and UNESCO) in Geneva (Switzerland)**
- ❖ **2012-2013 : Workshops organized by the (Direction of Scientific Information) for the use of the software DSPACE and PMB with the partnership of AUA and AUF**
- ❖ **April 2014 : workshop for the selection of the sofware INVENIO to implement the project of building a digital library in a global project named PADTICE for UNESCO-UEMOA with the collaboration of the LIS school EBAD**

# GENERAL PRESENTATION

## 1. History of the digital library

- ❖ **2014-2015: Implementation of the project of building a digital library in 8 universities in francophone countries : Senegal, Mali, Niger, Guinée, Burkina-Faso, Togo, Bénin and Côte d'Ivoire : selection of trainers, equipment of the universities, trainings**
- ❖ **November 2015 : visibility of the pilot of the digital library (university Félix Houphouet Boigny)**
- ❖ **March 2016, creation of the Digital Library project for higher education and scientific research in Côte d'Ivoire by the engagement of the the new Minister of higher education and scientific reseach, profesor LY-BAKAYOKO Ramata**



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# GENERAL PRESENTATION

## 2. Choice of the software INVENIO

### Why we used INVENIO ?

- ❖ INVENIO is an invention of the scientific institution, CERN with a large capacity of records as a server
- ❖ An open source and free software
- ❖ Chooosed by librarians during the workshop in Dakar(April 2014) to implement the pilot step of the digital library project (in 8 universities) in the global project PADTICE with the partnership of UNESCO-UEMOA
- ❖ MARC 21 is integrated for the cataloguing standards,



# GENERAL PRESENTATION

## 2. Choice of the software INVENIO

### Why we used INVENIO ?

- ❖ it is one of the best software to build digital libraries in reference to the comparison made between several softwares : winisis, koha, pmb (presentation of paper at he workshop in Dakar (Senegal) in April 2014 by a Teacher at EBAD, a LIS school in Dakar)
- ❖ it allows migrations of datas and databases,
- ❖ it helps us to federate all the past initiatives of coumputerization and gives imediately visibility and accessibility of the digital library online

## GENERAL PRESENTATION

### 3. How to define the digital library for higher education and scientific research in Côte d'Ivoire ?

- ❖ An organised collections of documents (by university and bibliographics types, etc.)
- ❖ A research and dissemination's tool of scientific publications
- ❖ A space to share, enhance, promote, the visibility and the acessibility of the scientific information produced in higher education and scientific reasearch in Côte d'Ivoire
- ❖ A tool of preservation and conservation for sustainable access to scientific information.

# GENERAL PRESENTATION

## 4. Activities

**The digital library for higher education is still a project we are implemented**

- ❖ **DL is hosted by the Virtual University (Public and new University)** in charge to increase the use of IT, digital innovations, e-learning in all the public universities and Higher schools in Côte d'Ivoire
- ❖ The digital library was launched by the ministry of higher education and scientific research on 11 August 2016

# GENERAL PRESENTATION

## 4. Activities

- ❖ The challenges : make accessible and visible the scientific publications produced in Côte d'Ivoire and enhance access to electronic resources online
- ❖ workshops were organised for trainers, librarians and IT engineers in order to make them able to install the software, create templates, collections, migration of databases on Dspace, WINISIS, PMB, Excel

## II. PARTNERS

- ❖ **The Ministry of Higher Education and Scientific Research in Côte d'Ivoire**
- ❖ **Universities and scientific research institutions**
- ❖ **teachers, students, librarians**
- ❖ **RITER / NREN / WACREN**
- ❖ **Etc.**

### III. PROSPECTS AND RECOMMENDATIONS

- ❖ Campaign of sensitizing and collecting scientific publications in all the public universities in Côte d'Ivoire
- ❖ To install a digital library committee in each public university and organise workshops to expand the use of INVENIO
- ❖ A kit containing a laptop, a scanner and high-speed internet connection in all the universities libraries
- ❖ Project of digitization of important collections and publications

### III. PROSPECTS AND RECOMMENDATIONS

- ❖ **Partnership with EIFL, EMERALD, CAIRN, etc. to increase access to scientific electronic resources**
- ❖ **strengthen the higher education libraries consortium**
- ❖ **Integrate information literacy training in the curricula**
- ❖ **Need of financial support and partners (experts, networks, institutions)**
- ❖ **Institutionalization by CERN and its partners of a conference or meeting for librarians and the software INVENIO developers as a space of experience and knowledge sharing, networking to improve the users skills**

## CONCLUSION

- ❖ **We don't have a long experience of use of the software INVENIO but if we compare it to the other softwares we used before (WINISIS, DSPACE, PMB), we can confirm that it is the best.**
- ❖ **After the political crisis, we were afraid in my institution to have lost our equipment and databases. But with a copy saved on a CDROM, the trainer Eric GUEDEBGE succeeded the migration of the datas and trained us (the IT) to make migrations.**



## CONCLUSION

- ❖ **Invenio allowed the migration of five databases from Dspace, isis and PMB**
- ❖ **It is a good software to build a common database with different collections, different institutions and different documents types.**
- ❖ **We hope you will join us in the use of INVENIO in order to create a network in Africa and a forum for users to continue the development of the software**  
**INVENIO**

**To visit the digital library we are building, follow the link:**

**[biblio.uvci.edu.ci](http://biblio.uvci.edu.ci)**

**Merci pour votre attention!**

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