DIGITAL UNIVERSITY 2010 WHITE PAPER

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TECHNOLOGICAL & ACADEMIC COMMITTEE MEMBER

Annual Members`Meeting
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Summary

1. Introduction
2. Digital University 2010 White Paper
3. Digital University 2010 Reference Model
4. Conclusions

1. INTRODUCTION

Digital Era

- In the beggining of the 21th Century we are in a digital society first stage
- We are in a trasformation time
- Risks must be managed
  - Day by day operation
  - Change resistance

New rules

- Services are the business center
- Flexibility
- Distance and time difference are not relevant
- Information and knowledge will be where activity requires them

Motivation

- Higher Education must be adequate and integrated with the digital world
- A higher education organization should offer its services through telematic media, in order to
  - Be a higher education and research leader
  - Speed up its operating processes
  - Remove every accesibility barrier

Context

- Economic and politic connotations
  - Digital economic based on knowledge
- Legal connotations
  - European and local country laws and guidelines
- Academic connotations
  - European space for higher education

2. DU 2010 WHITE PAPER

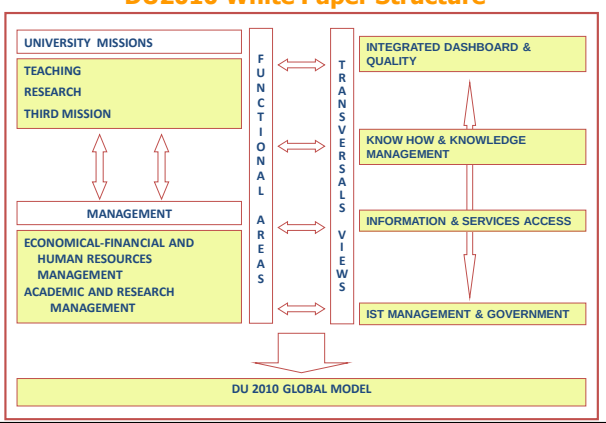
Presentation

- Digital University 2010 White Paper
  - Presented at the Salamanca University, October 2nd 2008
  - Made by
    - Alcalá University, Carlos III University, Castilla-La Mancha University, Rey Juan Carlos University, La Rioja University, Salamanca University, Seville University & Valladolid University
    - Banco Santander, Telefónica, Universia & OCU

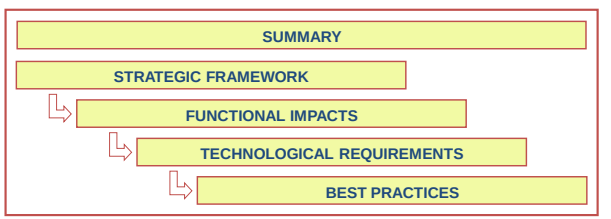
What is the DU2010 White Paper?

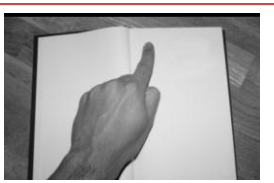
The Digital University 2010 White Paper is the result of a collective discussion between universities and enterprises about the technological transformation that Spanish (European) University must tackle due to the goals and challenges from the European Space for Higher Education

DU2010 White Paper Structure



Chapter Structure





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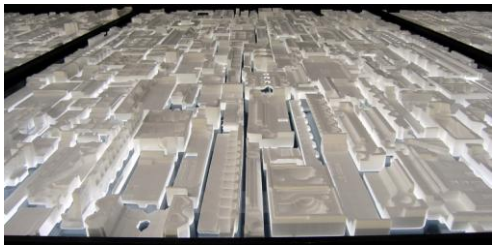


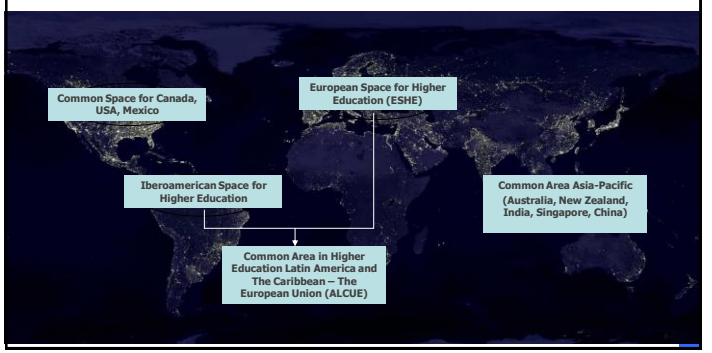
3. DIGITAL UNIVERSITY 2010 REFERENCE MODEL

General Strategy

- Internationalization and integration in the higher education commun spaces
- More connection with the working mechanism
- Improvement of the knowledge transfer channels
- Searching of the academic and research excellence
- Achievement of high quality levels
- Performance of the European current legistlation
- Full transparency, accountability and optimizing the management of public and private funds
- Change of the educative methodology paradigm

A new environment for University

- Globalization and internacionalization

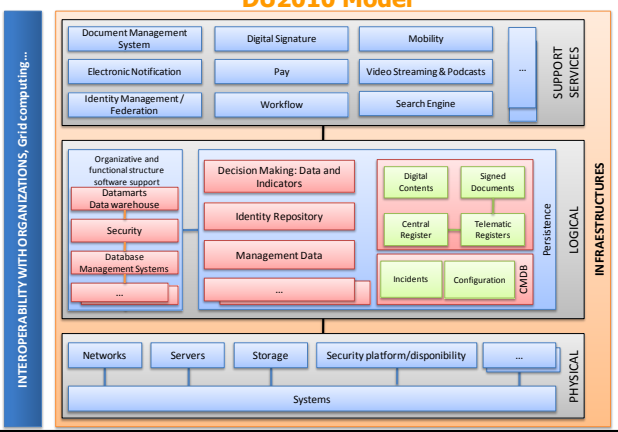


Technology

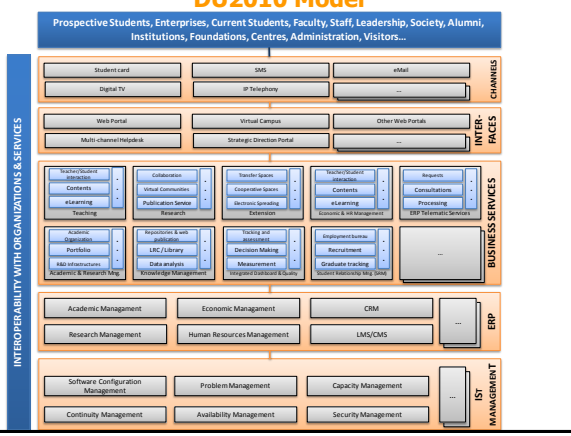
- Technology is a fundamental key in the 21st Century University
  - Web & Web 2.0
  - Service Oriented Computing (SOC) & Business Process Management System (BPMS)
  - Document Management & XML
  - Workflow Management Systems (WFMS)
  - Data Warehouse & Data Mining
  - Enterprise Resource Planning (ERP)

DU2010 Model

DU2010 Model



DU2010 Model



4. CONCLUSIONS

Conclusions

- A University new model is being constructed. Some keys
  - Technology is not an expense, it is a distinctive element
  - Lifelong learning
  - Education goes beyond of the classroom limits
  - University rivals in a globalized
  - University must be a partnership of the Society

Conclusions

"The growth of Knowledge Society depends of new knowledge creation, the transmission of this knowledge through education and training and also knowledge spreading through the IST" (European Commission)

Redesign of functions and tasks, change in aptitudes and education

Improvement of the efficiency and the externalization possibility

Conclusions

In line with the organization's vision

Investment in IST infrastructure

Strong implication of the University leadership

Better IST government

Conclusions

ESHE

With technology

Conclusions

ESHE

Without technology

Oficina de Cooperación Universitaria

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