1. INTRODUCTION

In the beginning of the 21st Century we are in a digital society first stage.
We are in a transformation 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 accessibility 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
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

SUMMARY

STRATEGIC FRAMEWORK

FUNCTIONAL IMPACTS

TECHNOLOGICAL REQUIREMENTS

BEST PRACTICES
Academic & Technological Committee

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OCU Group Studies, Planification & Quality Director

3. DIGITAL UNIVERSITY 2010
REFERENCE MODEL

A new environment for University

- Globalization and internacionalization

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 legislation
- Full transparency, accountability and optimizing the management of public and private funds
- Change of the educative methodology paradigm
Technology

- Technology is a fundamental key in the 21st Century University
  - Web & Web 2.0
  - Service Oriented Computing (SOC) & Web Services Platform Infrastructure System (SOPI)
  - Document Management
  - Knowledge Management
  - Enterprise Resource Planning (ERP)

DU2010 Model

Strategic Direction & IST Government

**USERS AND OTHER STAKEHOLDERS**

- **CHANNELS**
- **INTERFACES**
- **BUSINESS SERVICES**
- **IST MANAGEMENT**
- **INFRASTRUCTURES**

**INTEROPERABILITY**

**SUPPORT SERVICES**

**INFRASTRUCTURES**

**LOGICAL SUPPORT SERVICES**

**SERVICES**

**INFRASTRUCTURES**
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 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

DIGITAL UNIVERSITY 2010 WHITE PAPER
FRANCISCO JOSÉ GARCÍA PEÑALVO
TECHNOLOGICAL & ACADEMIC COMMITTEE MEMBER

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