E-Learning@UP: 1998-2008

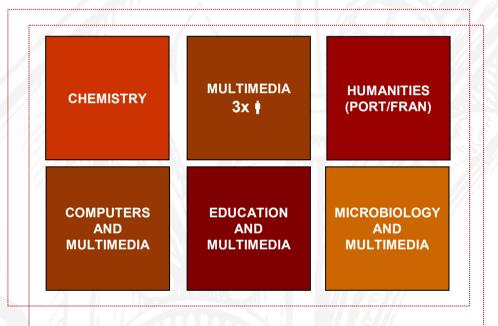## E-learning and innovating in a

Traditional University

University of Porto

- **Traditional University**
  - Public
  - Founded in 1911
  - T&L and R&D
  - 2 000 members of Faculty
  - 27 000 students
  - 15 schools with great authonomy
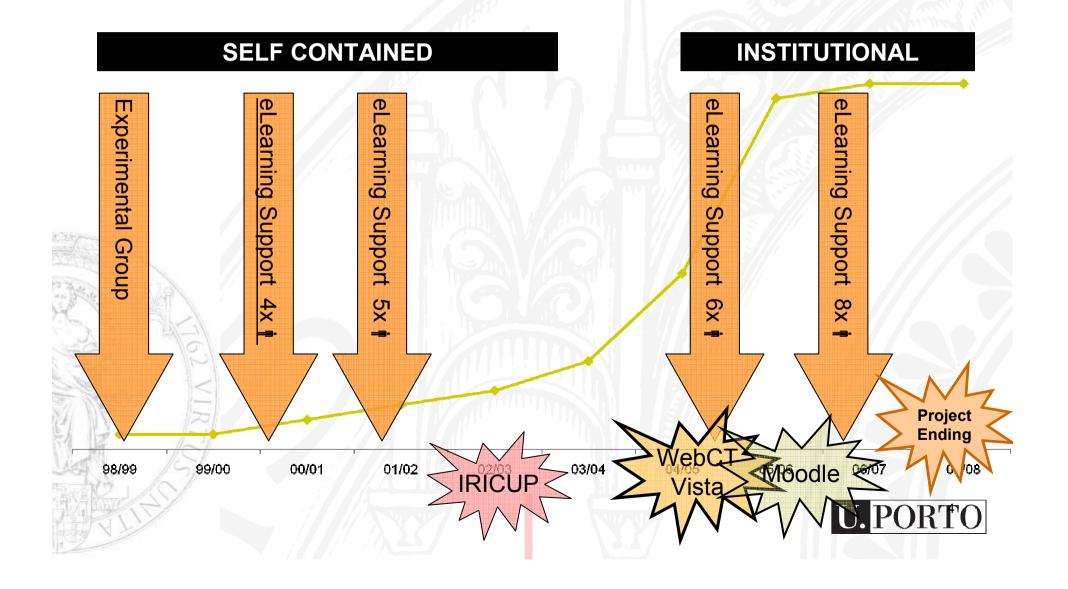- **Different scientific areas**
- **3 Campus**

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GATIUP::TEAM

CHEMISTRY	MULTIMEDIA 3x	HUMANITIES (PORT/FRAN)
COMPUTERS AND MULTIMEDIA	EDUCATION AND MULTIMEDIA	MICROBIOLOGY AND MULTIMEDIA

MULTIDISCIPLINARY

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Faculty Support

SELF CONTAINED

INSTITUTIONAL

Experimental Group

eLearning Support 4x

eLearning Support 5x

eLearning Support 6x

eLearning Support 8x

98/99 99/00 00/01 01/02 02/03 03/04 04/05 05/06 06/07 07/08

IRICUP

WebCT Vista

Moodle

Project Ending

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Faculty Training in ICT

ISOLATED INITIATIVES

INSTITUTION APROACH

PERSONAL TRAINING

- Instructional design
- Technology and Education
- WebCT Training
- New Technologies in Education
- New Technologies in Education
- New Technologies in Education
- New Technologies in Education
- Multimedia training
- ICT training Campus wide
- eLearning platforms
- Portfolios, CBA, e-books training

98/99 99/00 00/01 01/02 02/03 03/04 04/05 05/06 06/07 07/08

IRICUP

VISTA

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eLEARNING PROJECT

evaluation e-learning	on-line repository	good practice
interactivity	evaluation platforms	promotion e-learning

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eLearning@UP...numbers

	03|04	04|05	05|06	06|07	07/08
Faculties	7	14	11	13	14
Disciplines	20	67	105	67	115
Teachers	23	72	109	69	91
Students	927	4257	5000	3800	8136
Platforms	WebCT CE Luvit	WebCT CE WebCT Vista Luvit	WebCT Vista Moodle	WebCT Vista Moodle	WebCT Vista Moodle

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What changed?

TECHNOLOGY

- SIGARRA: Information System of the University
- Improvement of Network at Campus
- Campus License of Software
- Wireless on campus
- B-on: Online libraries
- e-U project
- Universia Computer Labs
- Training room at the Rectory
- E-learning portal

OTHER

- Teachers talking about e-learning
  - "Snow-ball effect"
- E-learning awareness
- External funding
- Students pressing
- Some pedagogical recognition
  - School level
  - University level

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2008 – AN YEAR OF CHANGE

STRONG INVESTMENT IN MULTIMEDIA
PRODUCTION

MIGRATING TO MOODLE

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Excellence for E-learning

- Annual Award of Excellence for E-learning
  - Prize for the best online course = 5000€

    Increase motivation & distinguish the professors who get involved with e-learning

- Annual E-learning Workshop
  - Presentation and publication of case studies

- Participation on national and international conferences

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Learning Objects Repository

- Research concepts, models, standards
- DSPACE
- Integration with e-learning LMS
- Integration with Information System
- Integration with Institutional repository

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CAT – Computer Adaptive Testing

- Research and information available to teachers through portal
- Sharing experiences and interests in this area
- Calibrate questions – difficulty and discrimination;
- Build and deliver adaptative tests
- Promote training in this area
- Create a certified testing center for the academy

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Digital Portfolios

- Identify and validate new methods for teaching and learning;

- Increase competencies of faculty in the use of Technologies and e-portfolios;

- Encourage discussion about this theme;

- Stimulate students to be self-learners and to cooperate outside curricular activities, better preparing them for the "outside world".

Educast – Eduactional Podcasts

Create and deliver an autonomous system for teachers to webcast in real time classes and share them on-line

- easy

- simple

- autonomous

- immediate

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On-line training

- Collaborate with the Continuing Education department the involvement of faculty in on-line EC courses
- Create on-line courses for Internal training in the area of e-learning
  - On-line tutoring
  - On-line assessment
  - Multimedia storyboarding
  - E-portfolios
  - E-books as a Learning Object
  - E-learning platforms

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Digital accessibility

- Inform the academy for accessibility issues in general but digital accessibility in particular;
- Provide training in this area:
  - Accessibility of digital contents
  - How to deal with difference inside the classroom
- Produce Good practice guide;
- Internal Working group with links to national and international groups.

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::::
Unit of New Technologies in Education @ U.Porto

gatiup@reit.up.pt

http://elearning.up.pt