

# EUNIS E-LEARNING TASK FORCE

## WEB-BASED MEDIA ON EUROPEAN UNIVERSITIES

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p R Æ T S Æ N

# EUNIS

- › EUNIS: European UNiversity Information Systems
- › Established in Oct. 1993 in Paris
- › Focus on IT; governance, e-learning, infrastructure, virtual libraries, virtual mobility, administration etc.
- › 141 member universities/organisations from 31 different European countries
- › 1 annual congress + task force meetings etc.
- › Website: [www.eunis.org](http://www.eunis.org)
- › Current president is Jan Madey, University of Warsaw

# EUNIS 2010 THEMES

- › IT governance and e-administration
- › IT infrastructure and integrated systems
- › Technical and legal aspects of security
- › Global networks, partnerships, and exchanges
- › E-science, virtual libraries, virtual laboratories
- › E-learning and mobile learning, virtual and distance education
- › Advanced technologies and multimedia for learning and teaching
- › Web 2.0 and social networking at the university
- › Open software, content, access, innovation, standards
- › New challenges, including: Cloud Computing, SaaS, Green IT, Environmental Sustainable Organisations

# EUNIS E-LEARNING TASK FORCE

- › Annual f2f workshop (February)
  - › Malta 2008, Paris 2009, Barcelona 2010, Porto 2011
- › Annual meeting during the EUNIS congress (June)
  - › Grenoble 2007, Aarhus 2008, Santiago de Compostela 2009, Warsaw 2010, Dublin 2011
- › Virtual collaborations on projects, surveys, and publications
- › Project-oriented – exchange of information and collaboration
- › Currently led by Gill Ferrell

# EUNIS ELTF GROUPS

- › Jens Doerup award
- › E-Learning Snapshots  
Leader: James Cilia (Malta)
- › Help with European funding  
Steffi Engert (Germany)
- › E-Learning Case Studies across Europe.  
Leader: Stephen Clarke (UK) - Sarah Hayes ?
- › Future of e-learning  
Leader: James Uhomuibhi (Northern Ireland)
- › Virtual Worlds
- › E-Learning Platforms
- › Media archives/Online repositories for e-learning

# INVITATION TO JOIN EUNIS ELTF

- › Membership open to all EUNIS member organisations:  
<http://www.eunis.org/organization/members.htm> (141)
- › Next meeting: Porto, February 2011
- › More information contact Gill: [gill.ferrell@northumbria.ac.uk](mailto:gill.ferrell@northumbria.ac.uk)

# WEB-BASED MEDIA AT EUROPEAN UNIVERSITIES

- › Which web-based **systems** are available at European universities?  
(and usage)
- › What **motivates** the teachers to use web-based media in teaching practice?

# SURVEYS

- › 2 surveys (questionnaires in LimeSurvey)
- › April-May 2009
- › Announced through official EUNIS mail lists, ELTF website, local channels.
- › Responses from respectively 30 and 24 (109) different universities in Europe

# SURVEY 1: MEDIA SYSTEMS FOR TEACHING

- › n = 30 different universities
- › Which systems do you use at your university for web-based media such as audio, video, and interactive learning objects in teaching practice?



# WEB-BASED MEDIA SYSTEMS

Systems available	Percentage (n= 30)	Major systems
LMS without media repository	63 % (19)	Moodle (42 % or 8 universities), Blackboard (21 % or 4 universities), and Sakai (11 % or 2 universities)
LMS with media repository	37 % (11)	Moodle (45 % or 5 universities) and Ilias (27 % or 3 universities)
Media archive	37 % (11)	DSpace (27 % or 3 universities)
Podcast system	23 % (7)	Homegrown
Content management system	43 % (13)	
Learning object repository	33 % (10)	DSpace, Fedora, Moodle, or local systems
Other media system or repository	33 % (10)	Homegrown, cross-institutional, or national repositories
No systems available	7 % (2)	
External systems (systematically)	30 % (9)	YouTube (4 universities) and iTunes (2 universities)

# USAGE

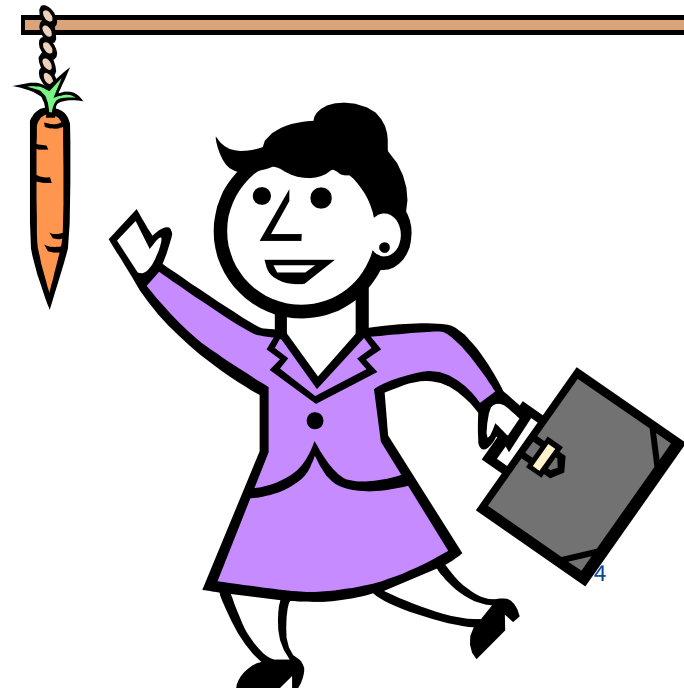
- › n = 109 teachers  
(24 different universities)
- › To which extend do you use web-based media [...] in your teaching practice?

# USE FREQUENCY OF WEB-BASED MEDIA

Use frequency of web-based media	Percentage (n = 109)
Oftentimes	37 %(40)
Occasionally	44 %(48)
Seldom	12 %(13)
Never	7 %(8)
	100 %(109)

# SURVEY 2: MOTIVATION

- › n = 107 teachers
- › Which of the following **circumstances** would motivate you to a **higher usage** of web-based media in your teaching practice?



# MOTIVATING CIRCUMSTANCES

Access to knowledge exchange and networking group

Acknowledgement by peers/colleagues

Acknowledgement by students

Acknowledgement by university management/administration

Control of access to materials

Easy access to digital resources such as clip arts, templates, animations

Easy access to existing and relevant materials

Easy access to legal advice about intellectual property and copyrights

Easy access to pedagogical support

Easy access to production facilities - equipment and software

Easy access to publication and upload

Easy access to technical support

Honorarium for materials

Time for production

Your own equipment and software for production

# MOST IMPORTANT CIRCUMSTANCE

Most important circumstance - Top 4-13	Percentage (n)
Acknowledgement by students	8 % (9)
Easy access to technical support	8 % (9)
Easy access to production facilities - equipment and software	7 % (8)
Easy access to pedagogical support	7 % (7)
Access to knowledge exchange and networking group	4 % (4)
Acknowledgement by university management/administration	4 % (4)
Other factors	3 % (3)
Easy access to legal advice about intellectual property and copyrights	2 % (2)
None	2 % (2)
Honorarium for materials	1 % (1)
	<b>100 % (107)</b>

# MOST IMPORTANT CIRCUMSTANCE

## Most important circumstance - Top 3

	Percentage (n)
Easy access to existing and relevant materials	25 % (27)
Time for production	16 % (17)
Easy access to publication and upload	13 % (14)

## Most important circumstance - Top 4-13

	Percentage (n)
Acknowledgement by students	8 % (9)
Easy access to technical support	8 % (9)
Easy access to production facilities - equipment and software	7 % (8)
Easy access to pedagogical support	7 % (7)
Access to knowledge exchange and networking group	4 % (4)
Acknowledgement by university management/administration	4 % (4)
Other factors	3 % (3)
Easy access to legal advice about intellectual property and copyrights	2 % (2)
None	2 % (2)
Honorarium for materials	1 % (1)
	<b>100 % (107)</b>

# MOTIVATING CIRCUMSTANCES

Motivating circumstances	Percentage (n)
Easy access to existing and relevant materials	80 % (87)
Easy access to publication and upload	68 % (74)
Easy access to production facilities - equipment and software	51 % (56)
Acknowledgement by students	51 % (56)
Time for production	50 % (55)
Easy access to technical support	44 % (48)
Access to knowledge exchange and networking group	40 % (44)
Acknowledgement by peers/colleagues	39 % (42)
Easy access to pedagogical support	39 % (42)
Easy access to digital recourses such as clip arts, templates, animations	35 % (38)
Acknowledgement by university management/administration	33 % (36)
Easy access to legal advice about intellectual property and copyrights	30 % (33)
Your own equipment and software for production	22 % (24)
Control of access to materials	18 % (20)
Honorarium for materials	15 % (16)
Other factors	4 % (4)
None	2 % (2)

## FINDINGS (1/3)

- › 93 % has one or more media systems
- › 81 % of the teachers are using web-based media oftentimes or occasionally
- › Most common systems used for media are Moodle, Blackboard, Sakai, DSpace, Fedora, Ilias, homegrown/national, and external solutions

## FINDINGS (2/3)

- › Circumstances to foster motivation
  - › Easy access to existing and relevant materials
  - › Time for production
  - › Easy access to publication and upload
  - › Easy access to production facilities - equipment and software
  - › Acknowledgement by students
  - › Easy access to technical support

# PERSPECTIVES: 5 INITIATIVES

1. Establish an archive with easy access and relevant materials.
2. Establish an easy-to-access production flow and service.
3. Acknowledge web-based media in teaching practice.
4. Exchange knowledge.
5. Address the students and be open to feedback.

## FINDINGS (3/3)

- › Potential for a high usage of web-based media at European universities
- › No obvious appropriate technical solution



# ~~FUTURE~~ CURRENT WORK: FINDING THE TECHNICAL SOLUTION

## Tentative conclusions

- › Video has various uses that requires very different features
- › No comprehensive system exists – or?



# TENTATIVE CONCLUSION

Several, integrated systems:

1. Web TV
2. Live streaming solution
3. LMS with media repository
4. Media archive (for press materials etc.)
  
5. Lecture capturing system (e.g. Matterhorn)
6. Integration with external channels; YouTube EDU, iTunes U, Vimeo...

## READ MORE & CONTACT

- › Godsk, M. (2009). Web-based Media at European Universities: Systems, Usage, and Motivation. in *EUNIS2009. IT: Key of the European Space of Knowledge*
- › Hayes, S., Godsk, M., Andersen, M.V. (2009). Inspiring Lecturers: Sharing E-Learning Practice through European Case Studies. in *EUNIS2009. IT: Key of the European Space of Knowledge*,
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