



## Bibliography about indicators of elearning

**1. Organization: Australian Flexible Learning Framework** Program/Project: E-learning benchmarking Date: First national survey has been undertaken in 2005 Nation: Australia Interest level (1-5): 5 URL: [http://e-learningindicators.flexiblelearning.net.au/e-learning\\_indicators.htm](http://e-learningindicators.flexiblelearning.net.au/e-learning_indicators.htm) Overview: It presents indicators that could be used to measure the uptake and use of e-learning in the national vocational and technical education.

**2. Organization: ASFOR** Title: La domanda aziendale di formazione technology based Date: 2001 Nation: Italy Interest level (1-5): 2/3 URL: [http://www.asfor.it/sitonuovo/PROGETTISPECIALI/eLearning/ASFOR%20eLearning%20Ricerca/Risultati%20Ricerca%20TB\\_file/frame.htm](http://www.asfor.it/sitonuovo/PROGETTISPECIALI/eLearning/ASFOR%20eLearning%20Ricerca/Risultati%20Ricerca%20TB_file/frame.htm) Overview: This report presents indicators about the demand of training technology based from a sample of Italian businesses particularly interested in education and innovation.

**3. Organization: UNESCO** Program/Project: UNESCO ICT in Education Asia-Pacific programme Date: Nation: Interest level (1-5): 3 URL: <http://www.unescobkk.org/index.php?id=963> Overview: Interesting page with different links on ICT documents all over the world.

**4. Organization: Fondazione CRUI** Program/Project: ELUE **ProjectTitle:** L'Università verso l'e-learning: Finlandia, Francia e Italia a confronto. Capitolo Italia Date: May 2006 Nation: Italy Interest level (1-5): 5 URL: [http://www.fondazionecru.it/ict/data/allegati/table/354/elue\\_Italia.pdf](http://www.fondazionecru.it/ict/data/allegati/table/354/elue_Italia.pdf) Overview: It presents some indicators used for collecting data on e-learning impact in Europe in university system (on ELUE project). You can also find the results of data analysis.

**5. Organization: Fondazione CRUI** Program/Project: ELUE Project Title: I stage document Date: Nation: Italy, Finland and France Interest level (1-5): 4 URL: <http://www.fondazionecru.it/elue/documents.htm> Overview: It offers a general view on the Italian University System with a particular regard on e learning. It reports data from 2003 ANEE survey.

**6. Organization: Fondazione CRUI** Title: E-learning: apprendimento mediato dalle ICT nella formazione universitaria Author: Massimo Carfagna Date: Nation: Italy Interest level (1-5): 4 URL: [http://www.campusone.it/uni/ict/db/media/VOLUME/ICT\\_e\\_learning.pdf](http://www.campusone.it/uni/ict/db/media/VOLUME/ICT_e_learning.pdf) Overview: The net "ICT and e-learning" has published this report which collects the results achieved during the first three years of CAMPUSONE's project. This search was conducted through a questionnaire submitted to the majority of Italian universities. Three study cases have also reported.

**7. Organization: Aitech-Assinform - Osservatorio e-learning** Title: E-learning in Italia : una strategia per l'innovazione(imprese, pubblica amministrazione, scuola, università) Date: November 2006 Nation: Italy Interest level (1-5): 5 URL: <http://www.anee.it/anee/osservatorio.htm#0> Overview: It presents some indicators used for collecting data on e-learning impact in Italy in different sectors (universities, public administration, companies, school system). You can also find the results of data analysis.

**8. Organization: Aitech-Assinform - Osservatorio e-learning** Title: Osservatorio 2006 sul mercato dell'e-learning in Italia Date: 2006 Nation: Italy Interest level (1-5): 5 URL: Not yet on-line Overview: Questionnaire filled by Italian universities during the survey: it presents some indicators.

**9. Organization: Aitech-Assinform - Osservatorio e-learning** Title: Il panorama dell'e-learning all'interno del sistema dell'istruzione Date: 2006 ?? Nation: Italy Interest level (1-5): 5 URL: Not yet on-line Overview: Power point presentation with data collected by previous questionnaire.

**10. Organization: Australian Flexible Learning Framework** Program/Project: E-learning benchmarking Title: E-learning indicators Date: April 2005 Nation: Australia Interest level (1-5): 5 URL: [http://e-learningindicators.flexiblelearning.net.au/e-learning\\_indicators.htm](http://e-learningindicators.flexiblelearning.net.au/e-learning_indicators.htm) Overview: This paper lists around 200 indicators The indicators are presented under six broad headings, depending on what the indicator is measuring (eg uptake and use of e-learning vs e-learning outcomes or the impact of e-learning) and the target of that uptake or impact (eg clients, providers, the VET system as a whole).

**11. Organization: Australian Flexible Learning Framework** Program/Project: E-learning benchmarking Title: National e-learning indicators Date: April 2005 Nation: Australia Interest level (1-5): 5 URL: [http://e-learningindicators.flexiblelearning.net.au/e-learning\\_indicators.htm](http://e-learningindicators.flexiblelearning.net.au/e-learning_indicators.htm) Overview: It presents 12 core indicators which addressed issues related to the uptake, use and outcomes of e-learning on VET clients and providers. For each one this documents provides a definition, information on the data currently available, template questions that can be used to capture information and suggestions for its use and interpretation.

**12. Organization: Australian Flexible Learning Framework** Program/Project: E-learning benchmarking Title: E-learning Benchmarking final report 2005 Date: 2005 Nation: Australia Interest level (1-5): 5 URL: [http://e-learningindicators.flexiblelearning.net.au/pdf/elearningbenchmarking\\_Final\\_report.pdf](http://e-learningindicators.flexiblelearning.net.au/pdf/elearningbenchmarking_Final_report.pdf) Overview: it presents results of surveys conducted in 2005 on the basis of the 12 indicators. It's also possible to find results analysed on the basis of the four surveys (students, registered training organization, teachers and employers).

**13. Organization: Australian Flexible Learning Framework** Program/Project: E-learning benchmarking Title: E-learning Indicators Results by Student Disability Status Date: 2005 Nation: Australia Interest level (1-5): 5 URL: [http://e-learningindicators.flexiblelearning.net.au/docs/ad\\_analysis\\_ppt/2005\\_elearn\\_bench\\_results\\_by\\_student\\_disability\\_status.ppt](http://e-learningindicators.flexiblelearning.net.au/docs/ad_analysis_ppt/2005_elearn_bench_results_by_student_disability_status.ppt) Overview: This report provides information related to the uptake, use and impact of e-learning by students in vocational training and education with particular interest in students disability status.

**14. Organization: Australian Flexible Learning Framework** Program/Project: E-learning benchmarking Title: E-learning Benchmarking final report 2006 Date: 2006 Nation: Australia Interest level (1-5): 5 URL: [http://e-learningindicators.flexiblelearning.net.au/pdf/benchmarking\\_report2006.pdf](http://e-learningindicators.flexiblelearning.net.au/pdf/benchmarking_report2006.pdf) Overview: it presents data collected during three surveys conducted in 2006 on the basis of the 12 indicators. It shows the evolution of the uptake and use of e-learning which has been positive.

**15. Organization: Australian Flexible Learning Framework** Program/Project: E-learning benchmarking Title: Template and tools Date: Nation: Australia Interest level (1-5): 5 URL: [http://e-learningindicators.flexiblelearning.net.au/templates\\_tools.htm](http://e-learningindicators.flexiblelearning.net.au/templates_tools.htm) Overview: They developed a range of templates and tools to support VTE providers to establish their own organisational goals for e-learning and benchmark their activity:· An on line survey tool· Downloading template copies of each of the four surveys used in the 2005 baseline surveys (questionnaires)· Downloading spreadsheets for entering data surveys By this way it's possible to compare services.

**16. Organization: MENON (European research and innovation network)** Program/Project: DELOS (Developing a European e-Learning Observation System) Title: DELOS Integrated Shortlist of Indicators Editor: MENON Network EEIG, SCIENTER & FIM–[Neues Lernen](http://www.neueslernen.de) Date: June 2003 Nation: Interest level (1-5): 5 URL: <http://www.education-observatories.net/delos/> Overview: A short list of indicators with a brief description of each one.

**17. Organization: MENON** Program/Project: **DELOS** DELOS Title: DELOS Long list of significant Indicators Editor: LRF, Greece & FIM – Neues Lernen, Germany Date: May 2002 Nation: Interest level (1-5): 5 URL: <http://www.education-observatories.net/delos/> Overview: It proposes a set of indicators on ICT penetration and use in European education and training systems.

**18. Organization: European Commission** Program/Project: **SIBIS (Statistical Indicators Benchmarking the Information Society)** SIBIS (Statistical Indicators Benchmarking the Information Society) Title: New eEurope Indicator Handbook Date: November 2003 Nation: Interest level (1-5): 5 URL: [http://www.sibis-eu.org/files/SIBIS\\_Indicator\\_Handbook.pdf](http://www.sibis-eu.org/files/SIBIS_Indicator_Handbook.pdf) Overview: The purpose of this handbook is suggesting core elements of an indicator system on computer networks in general and the Internet in particular. The indicator system consists of 133 indicators in total of which 34 indicators have been selected as Key indicators as they are believed to be particularly well suited for monitoring the information society.

**19. Organization: European Commission** Program/Project: Eeurope 2002 Title: Liste des indicateurs d'étalonnage pour le plan d'action eEurope Date: November 2000 Nation: Europe Interest level (1-5): 4 URL: [http://ec.europa.eu/information\\_society/eeurope/2002/benchmarking/indicator\\_list.pdf](http://ec.europa.eu/information_society/eeurope/2002/benchmarking/indicator_list.pdf) Overview: A list of indicators useful for evaluating the results of the application of eEurope action plan.

**20. Organization: European Commission** Program/Project: **Eeurope 2005** Eeurope 2005  
Title: Information Society Benchmarking Report Date: 2005 Nation: EU25 Interest level (1-5): 4

URL: [http://ec.europa.eu/information\\_society/eeurope/i2010/docs/benchmarking/051222%20Final%20Benchmarking%20Report.pdf](http://ec.europa.eu/information_society/eeurope/i2010/docs/benchmarking/051222%20Final%20Benchmarking%20Report.pdf) Overview: This report presents indicators on connectivity and roll-out of new networks, on e-business and modern online public services and on internet use in the whole EU25 and EEA countries.

**21. Organization: European Commission** Program/Project: Eeurope 2002 Title: eEurope Benchmarking Report Date: February 2002 Nation: Europe Interest level (1-5): 3 URL: Overview: It is based on the list of 23 indicators from previous document of November 2000. On the basis of these indicators the Commission has launched a data collection survey which result are reported here.

**22. Organization: European Commission** Program/Project: **BISER (Benchmarking the Information Society in European Regions)** BISER (Benchmarking the Information Society in European Regions) Title: Revised List of e-Europe Regions Indicators Date: June 2003 Nation: Europe Interest level (1-5): 4 URL: [http://www.biser-eu.com/revised%20eIndicators\\_list\\_.pdf](http://www.biser-eu.com/revised%20eIndicators_list_.pdf) Overview: It defines statistical indicators for measuring and benchmarking the impact of the Information Society on Europe's regions.

**23. Organization: Canada's national statistical agency** Program/Project: Pan-Canadian Education Indicators Program Title: Education indicators in Canada Date: April 2006 Nation: Canada Interest level (1-5): 4 URL: <http://www.statcan.ca/english/freepub/81-582-XIE/2006001/pdf/81-582-XIE2006001.pdf> Overview: This document presents a set of statistical measures on education systems in Canada. It's quite general but there is a part with some indicator for evaluating diffusion of ICT in schools (elementary and secondary education).

**24. Organization: Canada's national statistical agency** Program/Project: Pan-Canadian Education Indicators Program Title: Questionnaire on ICT in schools Date: Nation: Canada Interest level (1-5): 4 URL: [http://www.statcan.ca/english/sdds/instrument/5051\\_Q1\\_V1\\_E.pdf](http://www.statcan.ca/english/sdds/instrument/5051_Q1_V1_E.pdf) Overview: it proposes some indicators.

**25. Organization: Canada's national statistical agency** Program/Project: Pan-Canadian Education Indicators Program Title: Connectivity and ICT integration in Canadian elementary and secondary schools: First results from the Information and Communications Technologies in Schools Survey, 2003-2004 Author: Johanne Plante and David Beattie Date: 2004 Nation: Canada Interest level (1-5): 4 URL: <http://www.statcan.ca/english/research/81-595-MIE/81-595-MIE2004017.pdf> Overview: This report presents first results of the survey enacted for measuring the connectivity and ICT integration with a particular interest in infrastructure and reach.

**26. Organization: UNESCO Bangkok** Program/Project: The UNESCO ICT in Education Asia-Pacific programme Title: Developing and using indicators of ICT use in education Date: 2003 Nation: Interest level (1-5): 4 URL:

[http://www.unescobkk.org/fileadmin/user\\_upload/ict/e-books/ICTedu/ictedu.pdf](http://www.unescobkk.org/fileadmin/user_upload/ict/e-books/ICTedu/ictedu.pdf) Overview: It is an attempt to synthesise several countries' efforts and initiatives in conducting research to evaluate the use of ICT in education, and, for some countries, the development of ICT indicators.

**27. Organization: European Commission** Program/Project: **Eurydice** Eurydice Title: Key data on information and communication technology in schools in Europe Date: 2004 Nation: Europe Interest level (1-5): 3/4 URL:

[http://www.eurydice.org/ressources/eurydice/pdf/0\\_integral/048EN.pdf](http://www.eurydice.org/ressources/eurydice/pdf/0_integral/048EN.pdf) Overview: The 35 indicators in the present report are divided into five main chapters, namely Context, Structures and Organisation, Equipment, Teachers and Processes. It's also available in Italian.

**28. Organization: European Commission** Program/Project: **Eurydice** **Eurydice** Title: **Basic indicators on the Incorporation of ICT into European Education systems: Facts and Figures.** Basic indicators on the Incorporation of ICT into European Education systems: Facts and Figures. Date: 2000/2001 Nation: Europe Interest level (1-5): 3/4 URL:

<http://www.eurydice.org> Overview: This publication contains information on national policies for education in information and communication technology (ICT) and indicators on the way this technology has been incorporated into European school education systems.

**29. Organization: The observatory higher education** Nation: UK Interest level (1-5): 5 URL: <http://www.obhe.ac.uk/index.html> Overview: The Observatory offers a unique service: an environmental scanning facility on higher education issues. The Observatory is an efficient and cost-effective way for subscribers to keep abreast of borderless developments globally.