

Foreword	5
Summary	6
1. Introduction	11
EU Strategy on OSH in education	12
What is mainstreaming OSH into education?	12
OSH in the curriculum of university courses	13
Previous findings relating to mainstreaming OSH into tertiary-level education	14
The report	17
2. Overview of the cases	21
3. Case descriptions	29
3.1. Good Practice Databases integrated into Chemistry Studies: NOP-online and KMR-dangerous substances in lab courses, Germany	30
3.2. Integral II, Germany	39
3.3. Introduction to the principles of laboratory safety – prevention and emergency response – handling biological and radioactive substances, Austria	47
3.4. Risk prevention and health protection in adult education - EDFORSA (EDucation FOR SAFety), various Member States	51
3.5. Management of risk in mining and natural environment in academic education and research, Bulgaria	55
3.6. Risk education in engineering - Development of year one materials, United Kingdom	58
3.7. Transferring the results of business cases awards initiative to business and engineering schools, USA	66
3.8. Multimedia educational package on OSH issues, Poland	75
3.9. Learning by doing, Portugal	78
3.10. Overview of the inclusion of OSH courses in Portuguese universities, Portugal	81
3.11. 'Programa Universitas' for occupational risk prevention, Spain	85
3.12. Chemical engineering students teach each other OSH, France	89
3.13. Architectural and engineering students design projects together, France	92
3.14. The Lacobus contest: allowing for OSH in restoration work from the design stage onwards, France	96
3.15. OSH courses in Tallin University of Technology, Estonia	98
3.16. A computer-based learning environment for OSH, Finland	101
3.17. OSH institute provides training in universities and technical professional schools, Greece	105
3.18. Kaunas University of Medicine programme related to OSH, Lithuania	107
3.19. Awareness-raising about safety with students and professors in architecture, Belgium	110
3.20. Integration of OSH at the Faculty of Metallurgy, Slovak Republic	113
3.21. Integration of OSH at the Faculty of Mechanical Engineering of the Technical University of Kosice, Slovak Republic	116
3.22. Teaching OSH in construction engineering and architecture studies: cooperation with statutory insurance organisations and the Labour Inspectorate, Germany	120
3.23. Promoting safety culture at DIT – A step closer to the real world, Ireland	127
3.24. Teaching OSH and ergonomics at Budapest University of Technology and Economics (BME), Hungary	130

4. Snapshots	135
4.1 Improving overall occupational health and safety at university campus including safety awareness of students, Denmark	136
4.2 Risk in technical systems, Sweden	136
4.3 Risk assessment for work stress, UK	137
4.4 Professional Studies in Electronic Engineering and Electronic and Computer Engineering, Ireland ..	137
4.5 E-Learning for medical students, Czech Republic	138
4.6 Preparing new pharmaceutical workers: in-house and with education establishments, Latvia	139
4.7 Safe start in the pharmaceutical sector, Poland	140
4.8 Occupational safety and ergonomics in academic education in Poland	141
4.9 Tomorrow's doctors – putting OSH on the graduate medical syllabus, UK	142
4.10 A speaker's invitation, UK	143
4.11 An OSH authority's activities to mainstream OSH into third-level education, Ireland	144
4.12 Partnership to develop a business course, USA	145
5. Discussion and conclusions	147
References and further information	160
Acknowledgements	162
Annex 1. Overview table of the cases	164
Annex 2. Conclusions of the meeting of the EU-OSHA Mainstreaming OSH into education expert group, held 26-27 March 2008, Bilbao	169
Annex 3. Success factors from some previous EU-OSHA reports on OSH and education and training young people about OSH	170