

UNIVERSIDADE DO PORTO

Self-Evaluation Report

Annex XII

FCT R&D Units – 2008

Institutional Evaluation
European University Association

Research
FCT R&D Units - 2008

University of Porto. Rectory
Continuous Improvement Service. 27th July 2009

Table of Contents

| | |
|---|----------|
| R&D units which the U.Porto is a part of, financed pluriannually by the FCT and evaluated in 2007 or integrated in associate laboratories..... | 2 |
| Sources and acronyms..... | 2 |
| Table 1: Number of R&D units per scientific area and FCT evaluation | 2 |
| Graph 1: Number of R&D units per scientific area and FCT evaluation | 3 |
| Table 2: N° of researchers and PhD's FTE per scientific area and FCT evaluation | 3 |
| Graph 2: N° of researchers and PhD's FTE per scientific area and FCT evaluation | 4 |
| List of R&D units per scientific area..... | 4 |
| Arts and Humanities..... | 4 |
| Exact Sciences | 5 |
| Natural Sciences..... | 6 |
| Social Sciences..... | 6 |
| Engineering and Technology Sciences..... | 7 |
| Health Sciences | 9 |

R&D units which the U.Porto is a part of, financed pluriannually by the FCT and evaluated in 2007 or integrated in associate laboratories

Sources

FCT – Aval2007: Evaluation Results of R&D Units Evaluation — 2007 in <http://alfa.fct.mctes.pt/apoios/unidades/avaliacoes/2007/resultados>. Search: 17th December 2008 and 30th June 2009.

FCT – BD_LA: Database of Associated Laboratories in <http://www.fct.mctes.pt/labs/associados/index.asp?dados=true&labs=true>. Search: 12 February 2008

Acronyms

FTE – Full time equivalent

FCT – Foundation for Science and Technology

Table 1: Number of R&D units per scientific area and FCT evaluation

| FCT major area | Associate Laboratory | Excellent | Very Good | Good | Fair | Re-evaluation | Total U.Porto |
|-------------------------------------|----------------------|-----------|-----------|------|------|---------------|---------------|
| Arts and Humanities | | 2 | 5 | 2 | 2 | 1 | 12 |
| Engineering and Technology Sciences | 9 | 2 | 5 | 4 | 2 | 3 | 25 |
| Health Sciences | 2 | | 6 | 3 | 1 | | 12 |
| Exact Sciences | 2 | 3 | 1 | | | | 6 |
| Natural Sciences | 1 | 1 | 1 | 3 | | | 6 |
| Social Sciences | | | 3 | 2 | 1 | 2 | 8 |
| U.Porto Total | 14 | 8 | 21 | 14 | 6 | 6 | 69 |

Sources: FCT – Aval2007 e FCT – BD_LA

Graph 1: Number of R&D units per scientific area and FCT evaluation

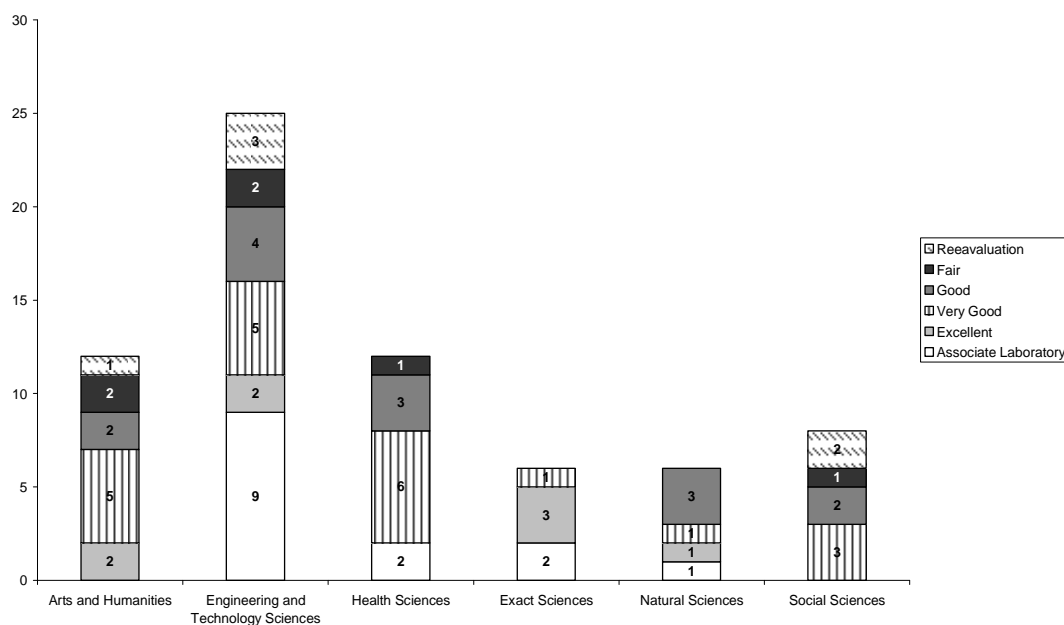


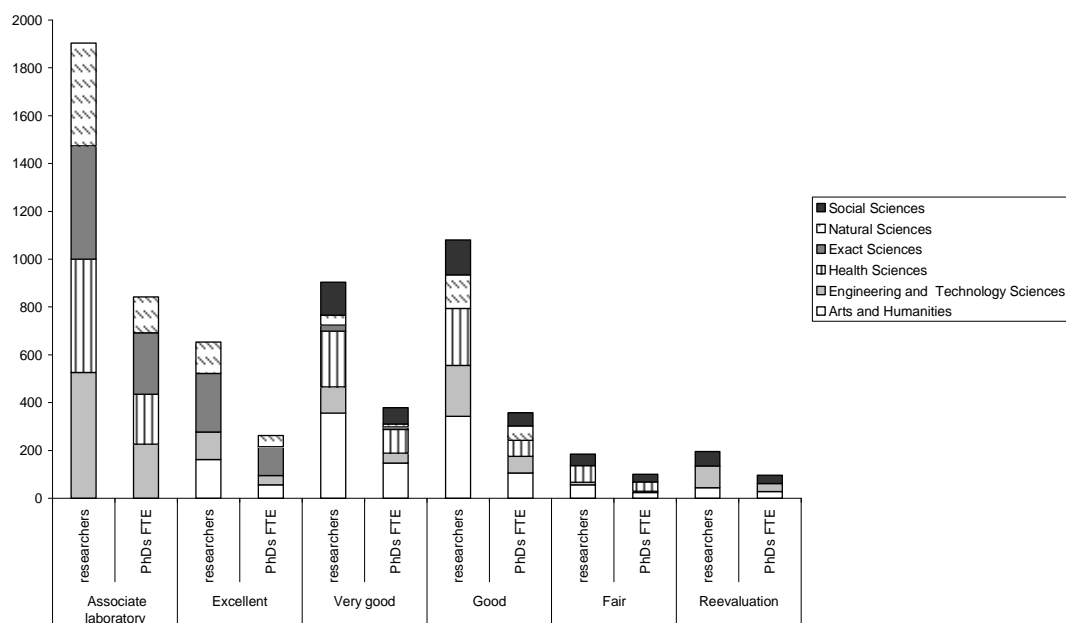
Table 2: N° of researchers and PhD's FTE per scientific area and FCT evaluation

| | | Arts and Humanities | Engineering and Technology Sciences | Health Sciences | Exact Sciences | Natural Sciences | Social Sciences | Total |
|------------------------------|-------------|---------------------|-------------------------------------|-----------------|----------------|------------------|-----------------|---------|
| Associate Laboratory* | researchers | | 526 | 473 | 474 | 430 | | 1903 |
| | PhDs FTE | | 226 | 209,5 | 257 | 149 | | 841,5 |
| Excellent | researchers | 162 | 116 | | 244 | 131 | | 653 |
| | PhDs FTE | 56 | 39 | | 121 | 47 | | 263 |
| Very good | researchers | 356 | 110 | 233 | 25 | 42 | 137 | 903 |
| | PhDs FTE | 147 | 42 | 99 | 11 | 12 | 68 | 379 |
| Good | researchers | 343 | 213 | 238 | | 140 | 147 | 1081 |
| | PhDs FTE | 106 | 70 | 66 | | 61 | 54 | 357 |
| Fair | researchers | 56 | 11 | 70 | | | 48 | 185 |
| | PhDs FTE | 24,25 | 5 | 40 | | | 31 | 100,25 |
| Re-evaluation | researchers | 44 | 92 | | | | 60 | 196 |
| | PhDs FTE | 28 | 33 | | | | 35 | 96 |
| Total | researchers | 961 | 1068 | 1014 | 743 | 743 | 392 | 4921 |
| | PhDs FTE | 361,25 | 415 | 414,5 | 389 | 269 | 188 | 2036,75 |

Note: * data for 2006.

Sources: FCT – Aval2007 e FCT – BD_LA

Graph 2: N° of researchers and PhD's FTE per scientific area and FCT evaluation



List of R&D units per scientific area

Arts and Humanities

African Studies

Centre of African Studies of the University of Porto (CEAUP)

Prime contractor: University of Porto - Faculty of Arts

Evaluation: Very Good

Researchers: 27| PhDs FTE: 14

Art Studies

Centre for Architecture and Urban Studies(CEAU)

Prime contractor: Universidade do Porto - Faculdade de Arquitectura

Evaluation: Very Good

Researchers: 27| PhDs FTE: 17

Research Institute for Design, Media and Culture - ID+

Prime contractor: University of Aveiro

Evaluation: Very Good

Researchers: 73| PhDs FTE: 24

Literature Studies

Centre for English, Translation and Anglo-Portuguese Studies (CETAPS)

Prime contractor: University of Porto - Faculty of Arts

Evaluation: Re-evaluation

Researchers: 44| PhDs FTE: 33

Institute of Comparative Literature - Margarida Losa (ILC)

Prime contractor: University of Porto - Faculty of Arts

Evaluation: Excellent
 Researchers: 22| PhDs FTE: 15

Philosophy

Institute of Philosophy(IF)
 Prime contractor: University of Porto - Faculty of Arts
 Evaluation: Excellent
 Researchers: 140| PhDs FTE: 75

History

Center of Archaeological Studies of Coimbra and Porto Universities (CEAUCP)
 Prime contractor: University of Coimbra - Faculty of Arts
 Evaluation: Very Good
 Researchers: 90| PhDs FTE: 45

Study Centre of the Population, Economy and Society (CEPESE)
 Prime contractor: Study Centre of the Population, Economy and Society (CEPESE)
 Evaluation: Very Good
 Researchers: 139| PhDs FTE: 83

Transdisciplinary Research Centre Culture, Space, Memory (CITCEM)
 Prime contractor: University of Porto - Faculty of Arts
 Evaluation: Good
 Researchers: 192| PhDs FTE: 85

Study Group of the History of Wine and Douro Valley Viticulture (GEHVID)
 Prime contractor: University of Porto - Faculty of Arts
 Evaluation: Fair
 Researchers: 45| PhDs FTE: 19

Psychology

Psychology Centre of the University of Porto (CPUP)
 Prime contractor: University of Porto - Faculty of Psychology and Education Science
 Evaluation: Good
 Researchers: 151| PhDs FTE: 50

Research Centre for Psychology of Deviant Behaviour and Health
 Prime contractor: University of Porto - Faculty of Psychology and Education Science
 Evaluation: Fair
 Researchers: 11 | PhDs FTE: 10,25

Exact Sciences

Physics

Centre for Astrophysics of the University of Porto (CAUP)
 Prime contractor: Centre for Astrophysics of the University of Porto (CAUP)
 Evaluation: Excellent
 Researchers: 49| PhDs FTE: 31

The Theoretical Physics Center at University of Porto (CFP)
 Prime contractor: University of Porto - Faculty of Sciences
 Evaluation: Very Good
 Researchers: 25| PhDs FTE: 14

Institute of Physics of Materials of the University of Porto (IFIMUP - Pólo IMAT-Porto)
 Prime contractor: University of Porto - Rectory
 Evaluation: Associated Laboratory
 Researchers: 45 | PhDs FTE: 25

Mathematics

Centre of Mathematics of the University of Porto (CMUP)
 Prime contractor: University of Porto - Faculty of Sciences
 Evaluation: Excellent
 Researchers: 97| PhDs FTE: 69

Chemistry

Chemistry Research Centre of the University of Porto (CIQ)
 Prime contractor: University of Porto - Faculty of Sciences
 Evaluation: Excellent
 Researchers: 98| PhDs FTE: 45

Centre for Chemistry of the University of Porto (CEQUP)
 Prime contractor: Institute of Agricultural and Agri-foodstuffs Sciences and Technologies (ICETA)
 Evaluation: Associated Laboratory
 Researchers: 429| PhDs FTE: 232

Natural Sciences

Agricultural Sciences

Research Centre for Animal Science (CECA)
 Prime contractor: Institute of Agricultural and Agri-foodstuffs Sciences and Technologies (ICETA)
 Evaluation: Very Good
 Researchers: 42| PhDs FTE: 19

Biological Sciences

Research Center in Biodiversity and Genetic Resources (CIBIO)
 Prime contractor: Institute of Agricultural and Agri-foodstuffs Sciences and Technologies (ICETA- Porto) - University of Porto
 Evaluation: Excellent
 Researchers: 131| PhDs FTE: 58

Earth and Space Sciences

Geology Centre of the University of Porto (CGUP)
 Prime contractor: University of Porto - Faculty of Sciences
 Evaluation: Good
 Researchers: 95| PhDs FTE: 50

Geo-Space Sciences Research Centre (CICGE)
 Prime contractor: University of Porto - Association for the Development of the Faculty of Sciences of Porto
 Evaluation: Good
 Researchers: 24| PhDs FTE: 15

Research Centre CIGAR
 Prime contractor: University of Porto - Faculty of Engineering
 Evaluation: Good
 Researchers: 21| PhDs FTE: 21

Marine Sciences

Centre for Marine and Environmental Research (CIIMAR)
 Prime contractor: University of Porto - Rectory
 Evaluation: Associated Laboratory
 Researchers: 430 | PhDs FTE: 149

Social Sciences

Communication Sciences

Centre for Studies in Technologies, Arts and Communication Sciences (CETAC.media)
 Prime contractor: University of Porto - Faculty of Arts
 Evaluation: Re-evaluation
 Researchers: 36| PhDs FTE: 22

Educational Sciences and Policies

Centre for Research and Intervention in Education (CIIE)
 Prime contractor: University of Porto - Faculty of Psychology and Education Science
 Evaluation: Good
 Researchers: 108| PhDs FTE: 50

Centre for Research in Higher Education Policies (CIPES)
 Prime contractor: Portuguese Universities Foundation
 Evaluation: Re-evaluation
 Researchers: 24| PhDs FTE: 18

Law and Political Sciences

Centre for Legal and Economic Research (CIJE)
Prime contractor: University of Porto - Faculty of Law
Evaluation: Very Good
Researchers: 18| PhDs FTE: 11

Linguistics

Linguistics Centre of the University of Porto (CLUP)
Prime contractor: University of Porto - Faculty of Arts
Evaluation: Very Good
Researchers: 55| PhDs FTE: 33

Economics and Management

Centre for Economics and Finance at the University of Porto (CEF.UP)
(R&D unit created by the merger CEMPRE-CETE)
Prime contractor: University of Porto - Faculty of Economics
Evaluation: Very Good
Researchers: 64| PhDs FTE: 42

EDGE - Management Studies - Center for Research, Studies and Services
Prime contractor: University of Porto - Faculty of Economics
Evaluation: Fair
Researchers: 48| PhDs FTE: 40

Sociology, Anthropology, Demography and Geography

Institute of Sociology of the Faculty of Arts of the University of Porto
Prime contractor: University of Porto - Faculty of Arts
Evaluation: Good
Researchers: 39| PhDs FTE: 18

Engineering and Technology Sciences

Chemical Engineering and Biotechnology

Laboratory of Catalysis and Materials(LCM)
Prime contractor: University of Porto - Faculty of Engineering
Evaluation: Associated Laboratory
Researchers: 20 | PhDs FTE: 11

Laboratory for Process, Environment and Energy Engineering (LEPAE)
Prime contractor: University of Porto - Faculty of Engineering
Evaluation: Excellent
Researchers: 84| PhDs FTE: 29

Laboratory of Separation and Reaction Engineering (LSRE)
Prime contractor: University of Porto - Faculty of Engineering
Evaluation: Associated Laboratory
Researchers: 73 | PhDs FTE: 36

Civil Engineering

Construction Studies Centre (CEC)
Prime contractor: University of Porto - Faculty of Engineering
Evaluation: Good
Researchers: 106| PhDs FTE: 39

Hydraulics, Water Resources and Environment Research Centre (CEHRA)
Prime contractor: University of Porto - Faculty of Engineering
Evaluation: Good
Researchers: 30| PhDs FTE: 14

Research Centre for Territory, Transports and Environment (CITTA)
Prime contractor: University of Porto - Faculty of Engineering
Evaluation: Re-evaluation
Researchers: 16| PhDs FTE: 6

Laboratory for the Concrete Technology and Structural Behaviour (LABEST)
 Prime contractor: University of Porto - Faculty of Engineering
 Evaluation: Very Good
 Researchers: 37 | PhDs FTE: 15

Electrical and Computer Engineering

Center for Research in Advanced Computing Systems (CRACS)
 Prime contractor: University of Porto - Faculty of Sciences
 Evaluation: Very Good
 Researchers: 20 | PhDs FTE: 10

Center for Computer Science, Cognition and Complexity (C5)
 Prime contractor: University of Porto - Faculty of Sciences
 Evaluation: Fair
 Researchers: 7 | PhDs FTE: 1

Institute for Systems and Computer Engineering of Porto (INESC Porto)
 Prime contractor: Institute for Systems and Computer Engineering of Porto (INESC Porto)
 Evaluation: Associated Laboratory
 Researchers: 193 | PhDs FTE: 75

Institute for Systems and Robotics - Porto (ISR - Porto)
 Prime contractor: University of Porto - Faculty of Engineering
 Evaluation: Good
 Researchers: 66 | PhDs FTE: 35

Laboratory of Artificial Intelligence and Decision Support (LIAAD)
 Prime contractor: University of Porto
 Evaluation: Very Good
 Researchers: 30 | PhDs FTE: 12

Artificial Intelligence and Computer Science Laboratory (LIACC)
 Prime contractor: University of Porto
 Evaluation: Re-evaluation
 Researchers: 70 | PhDs FTE: 34

Laboratory of Signals and Systems (LSS)
 Prime contractor: University of Porto - Faculty of Engineering
 Evaluation: Fair
 Researchers: 4 | PhDs FTE: 4

Materials Science and Engineering

Institute for Biomedical Engineering (INEB)
 Prime contractor: Institute for Biomedical Engineering
 Evaluation: Associated Laboratory
 Researchers: 89 | PhDs FTE: 30

Mechanical Engineering

Centre for Wind Energy and Atmospheric Flows (CEEEEA)
 Prime contractor: University of Porto - Faculty of Engineering
 Evaluation: Very Good
 Researchers: 11 | PhDs FTE: 8

Transport Phenomena Research Center (CEFT)
 Prime contractor: University of Porto - Faculty of Engineering
 Evaluation: Excellent
 Researchers: 32 | PhDs FTE: 14

Experimental Mechanics and New Materials (EXPMAT - INEGI)
 Prime contractor: Institute of Mechanical Engineering and Industrial Management (INEGI)
 Evaluation: Associated Laboratory
 Researchers: 63 | PhDs FTE: 31

New Technologies and Advanced Production Process (NOTEPAD - INEGI)
 Prime contractor: Institute of Mechanical Engineering and Industrial Management (INEGI)
 Evaluation: Associated Laboratory
 Researchers: 17 | PhDs FTE: 7

Unit of Design and Experimental Validation (UCVE - IDMEC)
 Prime contractor: Institute of Mechanical Engineering (IDMEC – FEUP Campus)
 Evaluation: Associated Laboratory
 Researchers: 37 | PhDs FTE: 16

Unit of Advanced Studies on Energy in the Built Environmental (UEAEAC - IDMEC)
 Prime contractor: Institute of Mechanical Engineering (IDMEC – FEUP Campus)
 Evaluation: Associated Laboratory
 Researchers: 12 | PhDs FTE: 5

Unit of Management and Industrial Engineering (UGEI - IDMEC)
 Prime contractor: Institute of Mechanical Engineering (IDMEC – FEUP Campus)
 Evaluation: Very Good
 Researchers: 12 | PhDs FTE: 5

System Integration and Process Automation Unit (UISPA - IDMEC)
 Prime contractor: Institute of Mechanical Engineering (IDMEC – FEUP Campus)
 Evaluation: Associated Laboratory
 Researchers: 22 | PhDs FTE: 15

Unit for Numerical Methods in Mechanics and Structural Engineering (GENUME - IDMEC)
 Prime contractor: Institute of Mechanical Engineering (IDMEC – FEUP Campus)
 Evaluation: Good
 Researchers: 11 | PhDs FTE: 9

New Energy Technologies Unit (UNTE - IDMEC)
 Prime contractor: Institute of Mechanical Engineering (IDMEC – FEUP Campus)
 Evaluation: Re-evaluation
 Researchers: 6 | PhDs FTE: 6

Health Sciences

Centre of Pharmacology and Chemical Biopathology (CFBQ)
 Prime contractor: University of Porto - Faculty of Medicine
 Evaluation: Good
 Researchers: 49 | PhDs FTE: 32

Research Centre in Physical Activity, Health and Leisure (CIAFEL)
 Prime contractor: University of Porto - Faculty of Sport
 Evaluation: Very Good
 Researchers: 26 | PhDs FTE: 12

Centre of Research, Education, Innovation and Intervention in Sport (Cifi2d)
 Prime contractor: University of Porto - Faculty of Sport
 Evaluation: Fair
 Researchers: 70 | PhDs FTE: 41

Centre for Research in Health Technologies and Information Systems (CINTESIS)
 Prime contractor: University of Porto - Faculty of Medicine
 Evaluation: Very Good
 Researchers: 26 | PhDs FTE: 7

Center of Experimental Morphology (CME)
 Prime contractor: University of Porto - Faculty of Medicine
 Evaluation: Very Good
 Researchers: 24 | PhDs FTE: 11

Medicinal Chemistry Centre (CEQUIMED)
Prime contractor: University of Porto - Faculty of Pharmacy
Evaluation: Good
Researchers: 37 | PhDs FTE: 23

Institute for Molecular and Cell Biology (IBMC)
Prime contractor: Institute for Molecular and Cell Biology
Evaluation: Associated Laboratory
Researchers: 407 | PhDs FTE: 152,5

Institute of Molecular Pathology and Immunology of the University of Porto (IPATIMUP)
Prime contractor: Institute of Molecular Pathology and Immunology of the University of Porto (IPATIMUP)
Evaluation: Associated Laboratory
Researchers: 66 | PhDs FTE: 57

Cardiovascular Research and Development Unit (UIDCV)
Prime contractor: University of Porto - Faculty of Medicine
Evaluation: Very Good
Researchers: 103 | PhDs FTE: 47

Nephrology Research and Development Unit (UIDN)
Prime contractor: University of Porto - Faculty of Medicine
Evaluation: Very Good
Researchers: 28 | PhDs FTE: 11

Research and Education Unit on Aging (UnifAI)
Prime contractor: University of Porto - Institute of Biomedical Sciences Abel Salazar
Evaluation: Very Good
Researchers: 26 | PhDs FTE: 16

Unit for Multidisciplinary Investigation in Biomedicine (UMIB)
Prime contractor: University of Porto - Institute of Biomedical Sciences Abel Salazar
Evaluation: Good
Researchers: 152 | PhDs FTE: 39