

# Research

## \_ FCT R&D Units - 2008

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

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**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 2007

FCT major area	Associate Laboratory	Excellent	Very Good	Good	Fair	reevaluation	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 2007

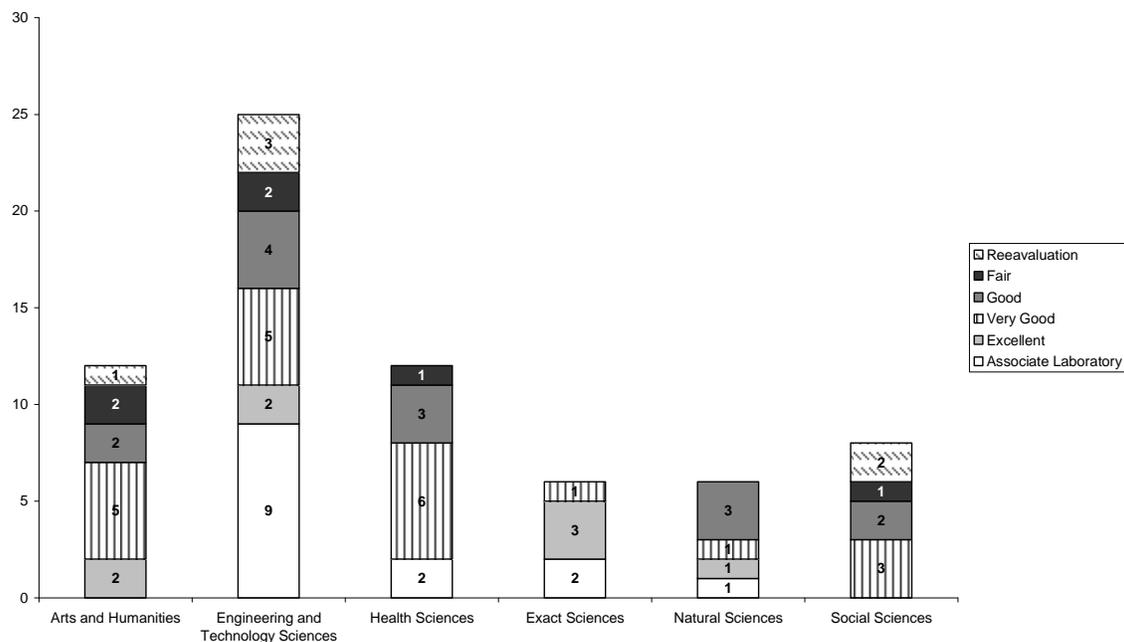


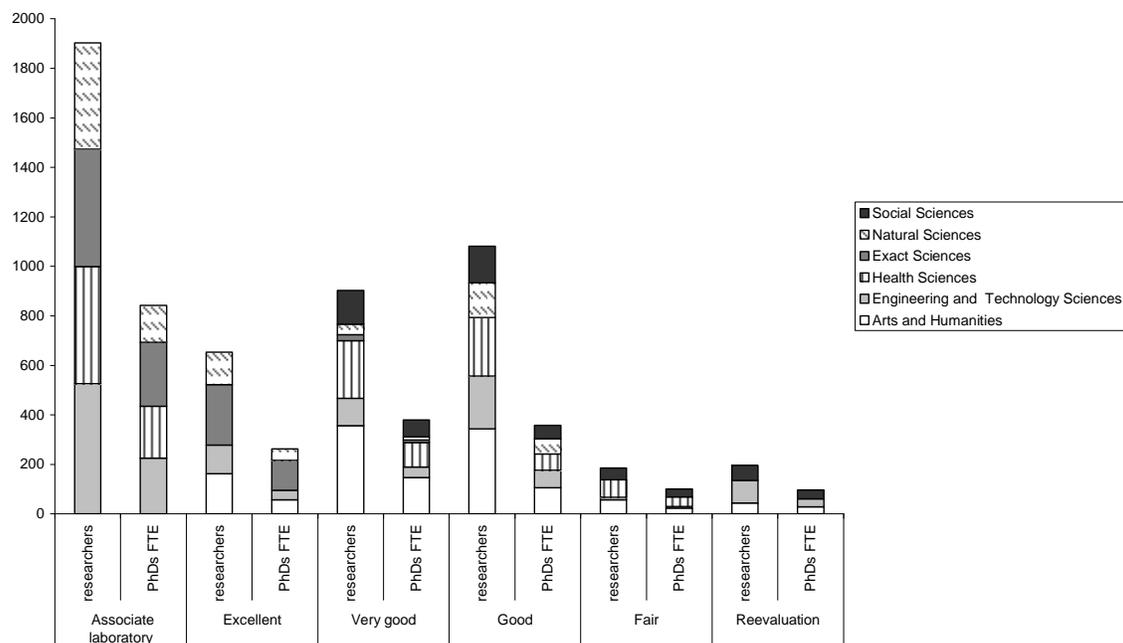
Table 2: N° of researchers and PhD's FTE per scientific area and FCT evaluation 2007

		Arts and Humanities	Engineering and Technology Sciences	Health Sciences	Exact Sciences	Natural Sciences	Social Sciences	Total
<b>Associate Laboratory*</b>	researchers		526	473	474	430		1903
	PhDs FTE		226	209,5	257	149		841,5
<b>Excellent</b>	researchers	162	116		244	131		653
	PhDs FTE	56	39		121	47		263
<b>Very good</b>	researchers	356	110	233	25	42	137	903
	PhDs FTE	147	42	99	11	12	68	379
<b>Good</b>	researchers	343	213	238		140	147	1081
	PhDs FTE	106	70	66		61	54	357
<b>Fair</b>	researchers	56	11	70			48	185
	PhDs FTE	24,25	5	40			31	100,25
<b>reevaluation</b>	researchers	44	92				60	196
	PhDs FTE	28	33				35	96
<b>Total</b>	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 2007



## 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: reevaluation

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: reevaluation

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: reevaluation

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: reevaluation  
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: reevaluation  
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 (CENUME - 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: reevaluation  
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