

Education



✦ International conference on “Mathematics and Teaching: Questions and Solutions”, 17 and 18 November, 2008.

Education and Scholarships Department



	Amounts in euros
Personnel costs	1 098 083
Operating costs	160 906
Subsidies and scholarships	3 476 069
Departmental activities	1 147 531
Awards	53 601
Total	5 882 589
Receipts	778 018

Programme objectives and criteria for activities

In 2008, the Education and Scholarships Department continued awarding subsidies and scholarships to support educational programmes, projects and activities, as well as undertaking a number of direct activities of its own, with a notable scale and relevance, most significantly the Publishing Plan and the organisation of an international conference on a current issue in education.

The mission of the Education and Scholarships Department is to foster educational development and stimulate discussion of the development of education within both the school framework and outside the school system. Within this system, special mention must be made of the projects and activities that focus on life-long learning; the use of new information technology in education; the acquisition of new skills and new knowledge that make the education/training system more effective; the development of basic areas of training; and all activities that contribute towards the full development of the child, young person and adult in emotional, cognitive and socio-cultural terms.

Subsidies

When awarding subsidies, the Department focused on the following areas:

- › developing the capacity and skills of pre-school, primary and secondary education;
- › promoting higher education;
- › promoting extracurricular cultural and scientific activities; and
- › developing projects that are important for promoting education and culture.

The support for projects in all these programmes adopted criteria of quality, relevance, rigour and effectiveness in terms of selecting the proposals submitted to the Department, essentially on a competitive basis, and the projects and activities organised by third parties but given proactive support by the Department.

The Programme to Support Pre-school and Primary and Secondary Education has the following fundamental aims:

- › to contribute towards improving the quality of school equipment;
- › to encourage an interest in books and reading;
- › to encourage different models for intervention in the area of education;
- › to stimulate the modernisation of schools and equip them with the latest information technology;
- › to promote the experiential teaching of sciences; and
- › to contribute towards an improvement in the quality of teaching.

The Higher Education Support Programme essentially aims to help improve the quality of this subsection of the education system. To this end, the Department operates in such fields as purchasing educational and laboratory equipment, buying technical books, cataloguing and modernising libraries and archives, sponsoring publications, supporting Master's degrees and doctorates, carrying out studies in specific areas and organising academic/pedagogical meetings.

Under the scope of this programme, applications were invited for support to be awarded, on a competitive basis, to the following initiatives proposed by higher education institutions:

- › innovative projects designed to modernise the way in which the institutions were run and to improve both teaching and learning at this level of education; and
- › projects promoting the participation of teachers, researchers and other specialists from foreign research institutes and higher education institutions, in postgraduate training schemes and at conferences, congresses or other meetings of an academic nature.

The Programme of Extracurricular Cultural and Scientific Activities focuses especially on students in higher education, mainly by supporting activities and initiatives organised and run by the students themselves, or specifically aimed at them, in the arts and sciences. Applications were also invited on a competitive basis for support for these activities.

The Programme to Support Other Cultural Projects aims to support the cultural side of the educational process. Support was given to public and private institutions that organised activities of recognised interest for the conservation and renovation of Portuguese cultural values, namely through the recovery, treatment and organisation of documentary archives that were of relevant historical, cultural and scientific interest. Most of the support awarded under the scope of this programme was provided through a process of competitive application.

The Programme for the Development of Special Projects is designed to support educational and cultural projects of an eminently innovative nature, to be undertaken in priority areas. Their implementation is specially monitored by the Foundation in view of their size and strategic importance.

The Programme for the Development of Multi-year Projects is designed to support educational and cultural projects to be implemented, like the previous ones, for periods of more than one year, but which, despite their importance, do not have the same level of innovation as the projects mentioned in the previous paragraph.

Scholarships

The fundamental goal of this activity is to upgrade the academic and professional qualifications of high-level specialists. The Department provided subsidies and lent significant support to postgraduate activities, organising internships at foreign centres and internationalising Portuguese culture and science by helping scientists and academics to participate in internationally prestigious congresses and meetings.

Within this programme of training for high-level human resources, which results in the award of scholarships, the following areas stand out in particular:

- › Long-term scholarships for graduates wishing to pursue doctoral studies, following high-quality and demanding programmes at Portuguese universities, but which also envisage study periods abroad, undertaken by the scholarship holders under the scope of these same programmes.
- › Short-term scholarships and travel subsidies for applicants with the minimum level of a first degree. These include:
 - one to three-month scholarships for postgraduate studies abroad, in order to meet the need to carry out laboratory work, bibliographical research, writing theses or articles, and learning new techniques and methodologies, either by students working on doctorates or by senior researchers;
 - three to six-month scholarships to promote research periods abroad for PhD holders with a relevant academic curriculum;
 - subsidies to participate in international congresses, academic meetings and short-term internships (up to one month), which are of interest to the academic and scientific community and are held abroad.

- › Scholarships for students from secondary and higher education designed to support continued study. The recipients of these scholarships are selected according to criteria of academic quality, complemented by factors related to the economic status of the respective families. This form of support is now exclusively awarded under the scope of protocols set up with other institutions.
- › Scholarships for new doctoral programmes. The Education and Scholarships Department also encouraged the emergence of new doctoral programmes run by Portuguese universities. These have been implemented by awarding – via Portuguese institutions – scholarships that will enable students on these programmes to spend study periods at foreign academic institutions.

These objectives were pursued by maintaining agreements with the University of Madeira, the Portuguese Rotary Foundation, the Tomar Municipal Centre in Lisbon and the University of the Azores.

Attention is also drawn to the agreement between the Azores Regional Government and the Education and Scholarships Department, designed to support students from low-income families.

Departmental activities

- › The Publishing Plan is particularly relevant within the Department's activities due to its importance and scale. The Education and Scholarships Department uses this programme to pursue its established publishing activity: publishing, selling and making gifts of high-quality books (original works by Portuguese authors or translations) that are essentially aimed at students, teachers and researchers. The prices are very reasonable and have no profit margin.

The various series are University Textbooks, Classical Texts, Portuguese Culture, Educational Texts, Guide to Portugal, and University Texts for the Social and Human Sciences. Through these, the Publishing Plan has produced high-quality, significant works to achieve a single objective: to reach those sectors which display the most evident need for support or encouragement; to allow the Portuguese-speaking public access to books that are landmarks in different sectors of civilisation; to record what we are and have been in the arts, in reflection and in knowledge; to help upgrade the education sector; to publicise current issues and other subjects whose importance justifies their publication.

- › Another departmental activity consists of organising the annual international conference on a theme related to education. In 2008, the conference focused on the subject of “Mathematics and Teaching: Questions and Solutions” and was organised by Nuno Crato.

The development of various educational and cultural projects directly implemented by the Foundation is another of the Department's initiatives. Such projects included:

- › “Art and Culture at School” project;
- › “Reintegration through Art” project;
- › “Organisation and Treatment of the Personal Papers and Documents of David Mourão-Ferreira” project;

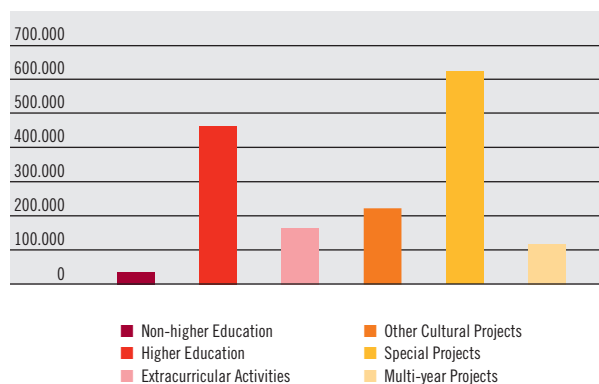
- › Portal das Ciências (a Science website in Portuguese);
- › Organisation and treatment of the archives of Eduardo Lourenço;
- › “BECAS LÍDER” project.

List of the main subsidies and scholarships awarded and departmental activities

The value of the subsidies awarded in 2008 by the Education and Scholarships Department through all its programmes totalled

[€4 006 488]

Subsidies



The two most significant aspects of the Programme to Support Pre-school and Primary and Secondary Education were: support for projects that are directly organised by the Foundation but implemented by external bodies, and subsidies granted to requests and activities proposed by other institutions. Given the criteria and objectives established for the Department’s intervention in this area, eight activities were awarded grants, most notably:

support for the “Accessible Library”, at the Portuguese Association of Parents and Friends of Citizens with Mental Disabilities (APPACDM) in Sabrosa; 9th Theatre and Dance Meeting, promoted by the APPACDM of Setúbal; 3rd Autism Biennial, organised by the Portuguese Association for Development Perturbations and Autism in Vila Nova de Gaia; 40th anniversary of the Prof. Ferrer Correia Group of Schools; and an exchange project between the Quinta do Marquês Secondary School and the Özel Getronagan Ermeni Lisesi, in Istanbul, with support being given to both schools. This project was implemented in partnership with the Armenian Communities Department.

The subsidies awarded under this programme totalled

[€32 083]

Forty-four subsidies were awarded under the Programme to Support Higher Education. The following eight subsidies were awarded under the two aspects of support given to Projects for the Development of Higher Education 2008:

- › Innovative projects aimed at modernising the management of these institutions, and improving teaching and learning at this level of education:
 - “Pilot-Class for Portuguese Sign Language” project. Beneficiary: Catholic University of Portugal – Institute of Health Sciences.
 - “Student-focused Learning Strategy in the Light of the Bologna Process: Transversal Skills Integrated Inclusion” project. Beneficiary: University of Minho.
 - “Pedagogical Quality Management System” project. Beneficiary: University of Coimbra.

› Projects that promote the participation of teachers, researchers and other specialists from foreign research and higher education institutions, in postgraduate training schemes and at conferences, congresses and other academic meetings:

- “International Symposium – The Vigilant Society: Identification, Surveillance and Privacy in Debate” project. Beneficiary: University of Lisbon – Institute of Social Sciences.
- “ACT – 19 Europe in Black and White” project. Beneficiary: University of Lisbon – Faculty of Letters.
- “CTTT 2008 – Consortium for Training Translation Teachers” project. Beneficiary: University of Minho – Institute of Arts and Human Sciences.
- “3rd Conference on the Great Issues Facing the European Area” project. Beneficiary: University of Porto – Faculty of Letters.
- “4th International Workshop and Advanced School – Spaceflight Dynamics and Control” project. Beneficiary: University of Beira Interior.

A further 36 subsidies were awarded, with the following activities being amongst the most important:

- › Forum on Higher Education in the Europe Region: Access, Values, Quality and Competitiveness, organised by UNESCO;
- › National Education for Entrepreneurship Project (PNNE), of the Directorate-General for Innovation and Curricular Development;
- › study on the “Bologna Process in Portuguese Higher Education Institutions”, undertaken by the Association for Development of the Higher Technical Institute;
- › “Narrating the Portuguese Diaspora (1928-2008)” international conference, organised by the University of Lisbon Centre for the Study of English;
- › “The Actuality of Walter Benjamin” international conference organised by the Centre for Research on Communication and Languages of the New University of Lisbon;
- › “Journalism and Representative Democracy” – 3rd International Journalism Conference, organised by the Centre for Research on Communication of the University Fernando Pessoa;
- › publication of a book in tribute to Jacinto do Prado Coelho, organised by the Centre for Portuguese Expression Literatures of the University of Lisbon;
- › 14th International Reunion on the “History of Nautical Science and Hydrography”, dedicated to the history of the art of navigation, nautical cartography and naval archaeology (1440-1800), organised by the International Commission for the History of Nautical Science and Hydrography;
- › co-funding of the Entrepreneurship Encouragement Prize, awarded by COTEC Portugal;
- › International Brain Week – debates, interdisciplinary conferences and interactive exhibition – organised by the Department of Zoology of the Centre for Neuroscience and Cell Biology of the University of Coimbra;

- › final seminar of the “SaudAR: Health and the Air We Breathe” project, organised by the University of Aveiro;
- › one-day conference in honour of José V. de Pina Martins, organised by the Department of Romance Literatures of the Faculty of Letters of the University of Lisbon;
- › Jornadas do Mar 2008 (Sea Conference Week), at the Portuguese Naval Academy;
- › 22nd International Seminar on Research in Music Education, held by the Music Psychology Research Centre (cipem) of the Porto Higher School of Education;
- › “Space and Landscape. Classical Antiquity and Contemporary Classical Legacy” international congress, organised by the Institute of Classical Studies of the Faculty of Letters of the University of Coimbra;
- › support for the publication of works by Plutarch, by the Institute of Classical Studies of the Faculty of Letters of the University of Coimbra;
- › support for the publication of the work *Correspondência Inédita de António Sardinha para Ana Júlia Nunes da Silva (1910-1912)*, by the Faculty of Human Sciences of the Catholic University of Portugal;
- › “See, Listen and Talk: The Great World Theatre” international conference, held under the scope of the commemorations of the 4th Centenary of the Birth of Padre António Vieira, organised by the Faculty of Human Sciences of the Catholic University of Portugal;
- › International Fado Conference: Paths and Perspectives, organised by the Faculty of Human Sciences of the Catholic University of Portugal;
- › support for the preparation of the publication in DVD format of the magazine *Raiz e Utopia*, organised by the Faculty of Social and Human Sciences of the New University of Lisbon;
- › support for the preparation of the “Comparative Study of the Autonomy of the School in Different Education Systems”, to be undertaken by the Oliveira Martins Foundation;
- › support for the publication of the collection “Portugaliae Monumenta Neolatina”, by the Coimbra University Press;
- › support for the publication of a commemorative anthology of the 25 years of the Institute of Social Sciences of the University of Lisbon;
- › “China and the Developing World: South and Southeast Asia, Africa, Latin America” international seminar, organised by the Higher Institute of Social and Political Sciences of the Technical University of Lisbon;
- › integration of the Student Residences of the University of Coimbra Social Action Services (SASUC) into the University of Coimbra network;
- › support for the publication of the work *Liturgia e Espiritualidade na Idade Média*, published by Universidade Católica Editora;

- › “University of Évora – 450 Years of History: A Past with a Future” international conference, included in the commemorations of the 450th anniversary of the foundation of the University of Évora;
- › support given to the University of Évora to purchase the library of Túlio Espanca;
- › 5th Seminar of the Iberian-American Network of University Administrators, organised by the University of Lisbon.

The costs of the subsidies awarded under the Higher Education Support Programme were

[€465 905]

Under the scope of the Programme to Support Extracurricular Scientific and Cultural Activities, a scheme of competitive applications was introduced to support initiatives of a scientific, artistic, educational and training nature, promoted by and for young people. Support was given to 36 projects in a variety of fields.

- › University Theatre – Subsidies were awarded to TUM – the Theatre of the University of Minho, TUP – the Theatre of the University of Porto, TEUC – The Student Theatre of the University of Coimbra, the University of Lisbon (FATAL 2007), CITAC – the Circle of Introduction to Theatre at the Coimbra Academy, the Miguel Torga Theatre Group, TUT – the Theatre Group of the Technical University of Lisbon, and the Ser Theatre of the Students’ Association of the Faculty of Social and Human Sciences of the New University of Lisbon to produce theatre festivals and plays and organise training sessions in various theatre techniques. A subsidy was also awarded to the Classical Theatre Festival Association to hold the 10th Classical Theatre Festival; to the Students’ Association of the Higher Technical Institute to hold Radial Lx2008 – 2nd Radio-Art Festival, in Lisbon; and to Coleção B – Associação Cultural for the “Rear Window, Platform of University Creativity” project.
- › Choirs and musical groups – A subsidy was awarded to GEFAC – Ethnographic and Folklore Group of the Coimbra Academy to support different activities designed to publicise the various forms of cultural expression found among rural groups (song, instrumental music, dance, theatre, etc.), to TUIST – Tuna Universitária of the Higher Technical Institute, and to the Engineering Choir of the University of Porto for the holding of the “Gloria RV589” project of A. Vivaldi.
- › Extracurricular Scientific and Cultural Activities – Subsidies were awarded to APDSI – Association for the Promotion and Development of the Information Society, to organise the 20th National Computer Olympics; the Portuguese Mathematics Society to hold the 26th Mathematics Olympics; the Portuguese Astronomy Society to hold the Astronomy Olympics 2007-2008; the various local centres of BEST – Board of European Students of Technology (Almada, Porto and Lisbon) to put on summer courses; the Youth Science Association to organise a programme of events for the promotion and dissemination of science and technology amongst young people; the Students’ Association of the Faculty of Medicine of the University of Porto to hold the course in Portuguese Sign Language; the Department of Mathematics of the Faculty of Science and Technology of the University of Coimbra to implement the Delfos Project; the Faculty of Science of the University of Porto to hold the 4th Physics Summer School; the Students’ Association of the University of Beira Interior for the “Air Cargo Challenge 09” project; the Department of Mathematics of the University of the Algarve for the “5-Star Mathematics” project; the Association for the Development of the

Department of Physics for the “Big-Bang, Investing in Physics” project; the University of Coimbra for the “Quark! – Physics School for Young People” project; the University of Trás-os-Montes and Alto Douro for the holding of the 5th “Inter-Escolas-matUTAD” competition; the Institute of Social Sciences of the University of Lisbon for the holding of the Summer Science Training Course for young people “The Skills of the Trade: Being a Researcher in Social Sciences”; PHISIS – Portuguese Association of Physics Students for the holding of the 9th National Conference of Physics Students; the Faculty of Science of the University of Lisbon for the “C-Infinito, FCUL Mathematics Club” project; and the University of Coimbra for the holding of summer schools to promote the integration of foreign students.

The subsidies awarded in this area of extracurricular cultural and scientific activities for young people totalled

[€160 000]

In the Programme to Support Other Cultural Projects, particular attention was paid to organising, inventorying and cataloguing the documentary collections of the libraries and archives of institutions of significant historical and cultural interest. This aspect pays close attention to questions related with the conservation of historically important bibliographical documentation and to programmes undertaken with the public interested in their consultation, designed to facilitate access to archives and documentary collections. Fifteen subsidies were awarded, with attention being drawn to those awarded to the following institutions: the São Tomás de Aquino Institut (support for the conservation and restoration of an old manuscript), the Catholic University of Portugal/National Cultural Centre (inventorying and cataloguing of the personal papers and documents of Eduardo Lourenço), the National Cultural Centre (support for the first phase of the project for inventorying and cataloguing the personal papers and documents of the poet Sophia de Mello Breyner Andresen), the Regional Association for Democracy and Development (publication of the papers presented at the Session held in honour of Maria de Lurdes Pintassilgo), the Diocese of Guarda (support for the technical work of restoring the documentary heritage of the diocese), and the Portuguese Academy of History (project for the commemoration of the 830th anniversary of the papal bull *Manifestis Probatum*).

As far as the Competitive Applications Presented for the Recovery, Treatment and Organisation of Documentary Collections of Important Historical, Cultural and Scientific Interest were concerned, the Department awarded eight subsidies to the following projects:

- › Project for the Treatment and Dissemination of the Ecclesiastical Archive Collection of the Historical Archives;
- › “Manueline Charters of the Municipality of Santa Comba Dão: Recovery and Promotion of the Heritage”;
- › “African Campaigns and the First World War”;
- › “The Memory of Medical Teaching over the Centuries: the ‘Simão José Fernandes’ Personal Papers and Documents”;
- › “Railways in Portugal: From Project to Practice. The Committee in Paris Documents and the Gazeta dos Caminhos de Ferro Collection”;
- › Project for the Safeguarding and Enhancement of the Collection of Photographs from the Personal Archives of the Architect Frederico George (1915-1994);
- › “Organisation and Dissemination of the Archives of Santo Estêvão and São Miguel of Alfama”;
- › “Knowledge of Nature – Construction of a Digital Repository of Scientific Memory”.

The subsidies awarded under the scope of this support programme totalled

[€217 184]

Special Projects

Support was given to nine Special Projects in 2008:

› “THEKA – Gulbenkian Project to Train Teachers Responsible for the Development of School Libraries”, which aims to train teachers who are responsible for setting up, organising and activating school libraries/educational resource centres in pre-school and first and second cycle educational establishments, through their attending annual courses held in different regions of the country.

In 2008, the last year of training was completed for 16 teachers from schools belonging to the regional directorates of the Alentejo and the Algarve. In March, the 6th THEKA Seminar was held: open to the public and enjoying the participation of national and foreign specialists, it was devoted to the theme of “Pathways, Readers, School Libraries, Educational Quality”. The projects undertaken at the schools by the last trainees continued to be monitored.

› “Children and the Internet: Uses and Representations, the Family and the School” – Implemented in academic terms at the Institute of Social Sciences (ICS) of the University of Lisbon, this project is based upon research into the information society undertaken since 2001 by teams of researchers from the Universitat Oberta de Catalunya (UOC). The project was aimed, firstly, at the regional territory (Catalonia), after which it was extended to cover the whole of Spain. The intention is to cumulatively pursue certain lines of research developed by the UOC team, which will make it possible to valuably compare methodologies and results between countries. Besides seeking to apprehend the presence and the uses made of the internet in the everyday life of children in Portugal, the “Children and the Internet” project is also intended to enrich this knowledge with the introduction of proposals brought to sociology by the “new childhood paradigm”. The project is to be developed over two years (2008-2010), corresponding to two methodologically distinct phases. In the first year, an extensive study was made, with a questionnaire being addressed to a stratified sample of students from basic education (1st, 2nd and 3rd cycles) attending public and private schools in mainland Portugal. In the second year, a comprehensive study was made, with in-depth interviews being conducted with a qualitative sample of groups of children (differentiated by age, family origins, gender and ethnic origins) as well as teachers and parents.

Besides contributing to the setting up of a network of Portuguese and Catalan researchers, sharing and discussing the same scientific subject (“children and the internet”), the project may also open up a promising line of research in Portugal, which brings together and renews the contributions of studies on the information society and studies on childhood. The widespread dissemination of the results may help to improve public knowledge about the uses of the internet in Portugal, its expansion and appropriation by children in the family and school context.

› *Obras Completas do Padre Manuel Antunes* – Project for cataloguing and organising, for publication, the private papers and documents of this leading humanist and man of culture. In 2008, volume II of tome I and tome VI of these *Works* were organised, besides the tome dedicated to his biography. This work is being published by the Department’s Publishing Plan.

› *Grammar of the Portuguese Language* – This is being prepared by the Centre of Linguistics of the University of Lisbon. The aim of this project is to provide speakers who have an above-average level of education, but who are not specialists in linguistics, with a work of reference that contains clear and academically rigorous information about central questions relating to the grammar of the Portuguese language in the areas of syntax, morphology, phonology and semantics and to give some indications about spelling and the relationship between sound and spelling. The work is set to be completed by 2009, and will later be published by the Department's Publishing Plan.

› “School at Home – Conversations at Home about the School” is a project organised by the Centre for the Study of Governance and Public Policy of the University of Aveiro. This is a pilot scheme aimed at the students of basic education (1st and 2nd cycles) and designed to foster family involvement in the student's learning at school, in particular in the disciplinary areas of Sciences, Mother Tongue, Mathematics and Citizenship. At the same time, another aim of the project is to develop instruments that make it possible for the school to gain a better understanding of the importance of the family environment in its specific mission of overseeing the child's development.

In the 2007-2008 school year, with the municipality of Cantanhede in the district of Coimbra joining this project, the number of participating schools increased from 11 to 23, so that it currently covers a total of 1500 students. New scripts were prepared for the 4th, 5th and 6th years of compulsory education, and the main goal in this phase of the project was achieved, namely encouraging the participating schools to take control of the project themselves, becoming autonomous from the project's coordination and gaining their own capacity for using the methodologies, materials and experiences that they have themselves acquired in order to improve the students' results at school.

› *Complete Works of Pedro Nunes* – The Foundation has been giving financial support to the task of organising a critical edition of this work. The implementation of this project is the responsibility of a team from the Lisbon Academy of Sciences, under the coordination of Henrique Leitão.

During 2008, volumes IV (with entirely new contents) and VI were completed and are due for publication in 2009 under the Department's Publishing Plan.

› Science Museum of the University of Coimbra – The Science Museum of the University of Coimbra was inaugurated in December 2006, with the opening of the building of the appropriately renovated Laboratório Chimico (the former Chemical Laboratory). This laboratory, created in 1772, was the first building in the world dedicated to the experimental study of chemistry and today it is a major centre for the dissemination of science and scientific culture. It has a very vast and valuable collection of scientific documents, offering, amongst others, a permanent exhibition entitled “Secrets of Light and Matter”, which attracts large numbers of visitors, above all teachers and students. Its aims include the provision of digital access to documents and museum collections from other places around the city, such as the Biblioteca Joanina (the University Library), the General Library, the Archives, the Botanical Garden and the Academic Museum.

The Education and Scholarships Department has shared in the expenses of running the Museum since 2007, and its support is planned to continue until 2009.

- › “A PAR” (In the Know) project – This project is designed to enhance the role played by parents and carers in the education of children in the first years of their lives, recognising that parents and carers are the most important figures in the education of children. Its main aims are:
 - to contribute to the health, well-being, creativity and development of communities, promoting their education together with that of their children;
 - to contribute to children’s overall development and improved education from birth.

During 2008, the preparation of the A PAR groups continued, together with the adaptation of the materials from the Oxford “PEEP” project (which served as the inspiration for the “A PAR” project) to the Portuguese reality and the technical revision of translations. Work was also continued on the creation of the next book with a CD for children aged between 3 and 5, as well as on the preparation of the A PAR website and its placement online.

As planned, the Foundation’s support for this project ended in 2008.

- › “Experiential Learning Methods in Sciences” project, developed by the Carlucci American International School of Lisbon, with the support of the Calouste Gulbenkian Foundation.

This project was created in 2005 with the aim of using experiential learning methods for the teaching of science in Portuguese state schools.

The philosophy underlying the experiential learning method for sciences may be summed up in the statement that “science is something that we do and not something that is done for us”. Special emphasis is given to practical experimentation, in addition to the theoretical explanations given by teachers, enabling students to acquire their own observational skills and critical thinking.

The project has developed a Teacher Training Programme, which is considered the ideal vehicle for reaching the greatest possible number of students. Once trained, the teachers immediately put the new method into practice in their lessons, frequently returning to take new training programmes as “agents of change” and helping to disseminate the new practices amongst their colleagues.

The cost of the subsidies awarded under the scope of Special Projects was **[€620 118]**

Multi-year Projects

In 2008, support was given to six projects:

- › “SIGMA Thematics” project, a programme promoted by the Department of Pure Mathematics of the Faculty of Science of the University of Porto and aimed at the best Mathematics students enrolled in the 11th year of school education. The aims of the programme are to help students develop a taste for mathematics, providing them with the chance to acquire knowledge that is not included in the curricula of secondary education, and to build a bridge between secondary and university education. Each edition of the programme has a maximum number of 20 participants and lasts for two years, with four courses being taught in the first year, in which topics are dealt with that are not included in the secondary school curriculum, making it possible for students



✚ Bilingual Education and Mother Tongues – Seminar, Maria Helena Mira Mateus and James Crawford, 21 February, 2008.

to enjoy their first contacts with the University environment. In the second year, the students awarded the highest marks in the first year have the chance to receive a scholarship for academic study that will allow them to undertake individual projects monitored by teachers from the Department of Pure Mathematics.

As planned, the Foundation's support for this project ended in 2008.

› The Educational Project for Romanian and Moldovan Students in Portuguese Schools, developed by the Centre of Multicultural Studies of the International University of Lisbon, which is an innovative project in the field of intercultural education. Designed and coordinated by Georgiana Bărbulescu, this extra-curricular project is designed for the immigrant community of Romanian speakers (Romanian and Moldovan) living in Portugal. Its objective is to provide the children of these immigrants studying in Portuguese schools with a bilingual education, so as to facilitate their academic and social integration in the host country and simultaneously to consolidate their respective national identity (cultural, intellectual and social). In this way, should they opt to return to their country of origin, an easy adaptation process is possible.

As planned, the Foundation's support for this project ended in 2008.

› London International Youth Science Forum – Financial support was awarded for the participation of a team of young Portuguese students in this forum, one of the world's most important cultural and scientific events for young students aged between 15 and 21.

› Cooperation Agreement with the National Library – The aim of this protocol is to support the restoration of works belonging to the collections of the National Library of Portugal, a major reference in the history of Portuguese printing and cultural creativity, under the scope of a protocol set up between the Calouste Gulbenkian Foundation and the National Library of Portugal, in 2006.

As planned, the Foundation's support for this project ended in 2008.

› Calouste Gulbenkian History Prizes (awarded by the Portuguese Academy of History). In 2008, support continued to be given to this activity, and the prizes were awarded to Manuel Augusto Rodrigues, for the work *A Universidade de Coimbra. Figuras e Factos da sua História* (theme “Modern and Contemporary Portuguese History”), João Marinho dos Santos, José Manuel Azevedo e Silva and Mohammed Nadir, for the work *Santa Cruz do Cabo de Gue D’Agoa de Narba* (theme “History of the Portuguese Presence in the World”) and Isabel Cluny, for the work *O Conde de Tarouca e a Diplomacia na Época Moderna* (theme “European History”).

› “MUS-E” project: Portuguese Association of Friends of the Yehudi Menuhin International Foundation. Support continued to be given to the “MUS-E” project, which is an international project with artistic, educational and social objectives aimed at multicultural school populations and/or those coming from social backgrounds that are less privileged in economic or cultural terms. The regular sessions of the “MUS-E” project are included in school activities and take into account the cultural diversity of each school's population, involving artistic activities from the cultures of origin of all students. The project, which is being supported by the Calouste Gulbenkian Foundation, covers five schools in the districts of Porto, Leiria, Évora and Lisbon.

The subsidies awarded under the scope of the Multi-year Projects totalled **[€105 896]**

Scholarships

Under the Scholarships Programme, the amount of € 1,657,751 was awarded, as follows:

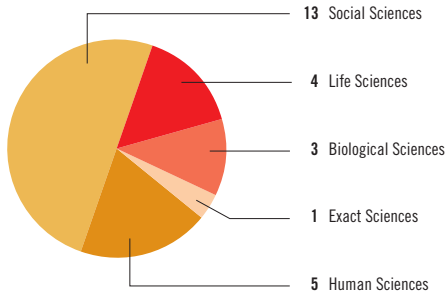
› long-term scholarships – 54 scholarships (26 of which were new ones) from 329 applications, totalling **[€671 322]**

› short-term scholarships and travel subsidies – 126 short-term scholarships (five of which lasted from three to six months) and 635 travel subsidies were awarded, totalling **[€805 800]**

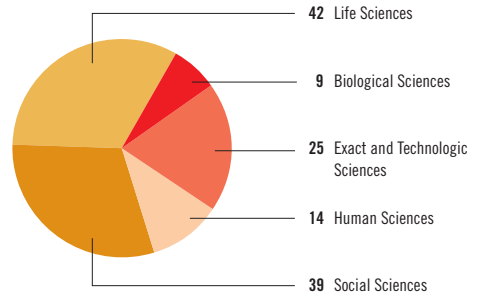
› scholarships for students in secondary and higher education: 125 scholarships awarded, totalling **[€96 801]**

› Advanced Specialisation Programme **[€83 828]**

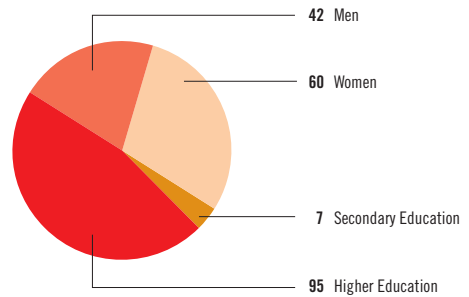
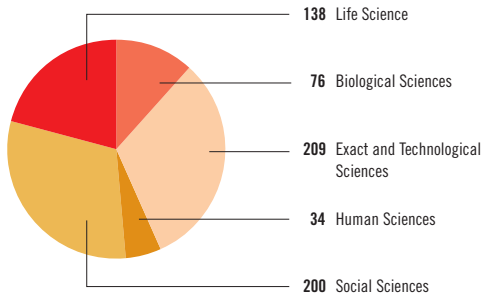
Distribution of long-term scholarships by academic area



Distribution of short-term scholarships by academic area



Distribution of travel subsidies by academic area



Under the scope of the Advanced Specialisation Programme, the Foundation gave its support to the Nieman Fellowship Programme and the Portuguese Institute for International Relations (IPRI).

As far as the Nieman Fellowship Programme is concerned, support was provided in association with the Luso-American Development Foundation (FLAD) for the participation of professionally experienced Portuguese journalists in advanced training programmes.

The support given to IPRI in 2008 made it possible to continue the programme designed to support periods of study abroad (at universities and/or qualified academic institutions) and enable IPRI's PhD students to undertake academic research projects led by teams from this Institute by awarding scholarships to young researchers working on such projects.

Publishing Plan [1962-2008]

Titles published	930
Publications	1 396
Copies	5 434 281

Publishing Plan [1962-2008]

Series	Titles	Publications
University Textbooks	488	853
Classical Texts	57	108
Portuguese Culture	84	97
The Discoveries	5	5
Extra Series	25	37
Current Issues	9	9
Educational Texts	56	62
Guide to Portugal	8	22
Foundation for Science and Technology	198	203
Total	930	1 396

Three book launches were held in 2008 as a result of the Publishing Plan activity. As in previous years, the Scientific and Technical Prize for Translation into Portuguese was awarded. Established by the Latin Union, in association with the Foundation for Science and Technology and the Directorate-General for Translation in the European Union, it was awarded this year to Adriana Silva Graça's translation of Bertrand Russell's *Introduction to Mathematical Philosophy*.

The Portuguese PEN Clube awarded its Essay Prize to *Histórias de Livros para a História do Livro* by José V. de Pina Martins.

The work *Pensar o Trágico: Categorias da Tragédia Grega* by José Pedro Serra, jointly published by the Calouste Gulbenkian Foundation and the Foundation for Science and Technology, was awarded the Jacinto do Prado Coelho Prize.

Works from the University Textbooks, Classical Texts, Portuguese Culture, Educational Texts and the Guide to Portugal series were all published, as was the book *Sucesso e Insucesso – Escola, Economia e Sociedade*, comprising papers given at the conference with the same title held in 2007. Meanwhile, there is a specific field of work, deriving from a protocol set up with the Foundation for Science and Technology, which will publish a series of Humanitarian Texts for the Social and Human Sciences.

A total of 81 titles were published in 2008, comprising 28 new works and 53 re-editions.

University Textbooks

Thirty-eight books were published in this series, with five new works and 33 re-editions. The new works were as follows:

- › *Biologia do Desenvolvimento*, by Scott F. Gilbert;
- › *Desactivação e Regeneração de Catalisadores*, by Fernando Ramoa Ribeiro *et al.*;
- › *Mecânica Quântica*, by Filipe Silva *et al.*;

- › *Os Conceitos Jurídicos Fundamentais Aplicados na Argumentação Judicial*, by Wesley Newcomb Hohfeld;
- › *Plantas Medicinais da Farmacopeia Portuguesa*, by A. Proença da Cunha and Odete Roque.

The re-editions were:

- › *Desenho Técnico*, 14th ed., by Luís Veiga da Cunha;
- › *Teoria da Aprendizagem Musical*, 3rd ed., by E. Gordon;
- › *Introdução ao Pensamento Jurídico*, 10th ed., by Karl English;
- › *Tecnologia Farmacêutica*, vol. I, 7th ed., by Luís Vasco Prista *et al.*;
- › *Tecnologia Farmacêutica*, vol. III, 5th ed., by Luís Vasco Prista *et al.*;
- › *Tecnologia Farmacêutica*, vol. II, 6th ed., by Luís Vasco Prista *et al.*;
- › *Introdução Histórica ao Direito*, 5th ed., by John Gilissen;
- › *Os Filósofos Pré-Socráticos*, 6th ed., by G. S. Kirk and S. E. Raven;
- › *O Fim do Milénio*, 2nd ed., by Manuel Castells;
- › *Psicologia do Adolescente*, 4th ed., by N. A. Sprinthall and W. A. Collins;
- › *Introdução à Epidemiologia*, 4th ed., by Mausner & Bahn;
- › *Circuitos de Transistores e MOS*, 3rd ed., by Manuel Medeiros Silva;
- › *Estudo e Classificação das Rochas por Exame Macroscópico*, 11th ed., by Joaquim Botelho da Costa;
- › *Teoria Analítica da Música do Século XX*, 2nd ed., by João Pedro Paiva de Oliveira;
- › *Sociologia*, 6th ed., by Anthony Giddens;
- › *Accionamentos Electromecânicos de Velocidade Variável*, 2nd ed., by João C. Palma;
- › *História do Ensino em Portugal*, 4th ed., by Rómulo de Carvalho;
- › *Organizações Internacionais*, 3rd ed., by J. Mota Campos *et al.*;
- › *Instrumentos Musicais*, 6th ed., by Luís Henrique;
- › *A Filosofia do Século XX*, 6th ed., by F. Heinemann;
- › *Introdução à Probabilidade e à Estatística*, 3rd ed. revised and updated, by Dinis Pestana and Sílvio Velosa;
- › *Programação de Autómatos*, 4th ed., by José Novais;
- › *Minerais Constituintes das Rochas*, 3rd ed., by W. A. Deer *et al.*;
- › *Ar Comprimido Industrial*, 2nd ed., by José Novais;
- › *Fundamentos de Comportamento Organizacional*, 3rd ed., by Orlindo Gouveia Pereira;
- › *Estudos de Psicologia Intercultural Nós e os Outros*, 3rd ed., by Félix Neto;
- › *Psiquiatria Forense*, 2nd ed., by J. Dias Cordeiro;
- › *Introdução à Análise Matemática*, 9th ed., by J. Campos Ferreira;
- › *Teorias Sociológicas*, 5th ed., organised by M. Braga da Cruz;
- › *Pensamento Sistemático e Conceito de Sistema na Ciência do Direito*, 4th ed., by Claus Wilhelm Canaris;
- › *Análise Económica e Financeira de Projectos*, 5th ed., by Fernando Abecassis and Nuno Cabral;
- › *Teorias da História*, 6th ed., by Patrick Gardiner;
- › *Educar a Criança*, 5th ed., by Mary Hohmann and David P. Weikart.

Classical Texts

Sixteen books were published in this series, with three new works and 13 re-editions. The new works were:

- › *Segundo Tratado do Governo*, by John Locke;
- › *Lógica. A Pergunta pela Essência da Linguagem*, by Martin Heidegger;
- › *História Calamitatum*, by Abelard and Heloise.

The re-editions were:

- › *Cartas a Lucílio*, 3rd ed., by Seneca;
- › *Tratado Lógico-Filosófico*, 4th ed., by Ludwig Wittgenstein;
- › *Crítica da Razão Pura*, 6th ed., by Immanuel Kant;
- › *Ensaio sobre o Entendimento Humano*, vols. I and II, 3rd ed., by John Locke;
- › *A Cidade de Deus*, vol. II, 3rd ed., by St. Augustine;
- › *A Cidade de Deus*, vol. III, 3rd ed., by St. Augustine;
- › *Acerca do Infinito do Universo e dos Mundos*, 5th ed., by Giordano Bruno;
- › *A Medeia*, 4th ed., by Euripides;
- › *Antígona*, 8th ed., by Sophocles;
- › *A Essência do Cristianismo*, 3rd ed., by Ludwig Feuerbach;
- › *A República*, 11th ed., by Plato;
- › *A Doutra Ignorância*, 2nd ed., by Nicholas of Cusa;
- › *Teeteto*, 2nd ed., by Plato.

Portuguese Culture

Seven books were published in this series, with four new works and three re-editions.

The new works were.

- › *Obra Completa do Padre Manuel Antunes*, tome III, vol. I, coord. Guilherme d'Oliveira Martins;
- › *Obra Completa do Padre Manuel Antunes*, tome III, vol. II, coord. Guilherme d'Oliveira Martins;
- › *Obra Completa do Padre Manuel Antunes*, tome I, vol. II, coord. Eduardo Prado Coelho and Miguel Real;
- › *Obras de Aureliano Mira Fernandes*, vol. I, coord. Nuno Crato.

The re-editions were:

- › *Obras Completas do Padre Manuel Antunes*, tome II, 2nd ed., coord. José Eduardo Franco;
- › *Obras Completas do Padre Manuel Antunes*, tome I, vol. III, 2nd ed., coord. Luís Machado de Abreu;
- › *Poemas Lusitanos*, 2nd ed., by António Ferreira.

Educational Texts

Five new books were published in this series.

- › *Mediações Arteducacionais*, by Arquimedes da Silva Santos;
- › *Diversidade Linguística*, coord. Maria Helena Mira Mateus;
- › *Inspecção do Ensino em Portugal durante a I República*, by Henrique Carneiro;
- › *Sucesso e Insucesso – Escola Economia e Sociedade*;
- › *A Saúde e o Ar Que Respiramos*, organised by Carlos Borrego.

Extra Series

Two books were published in this series, with one new work and one re-edition.

The new work was:

- › *História e Antologia da Literatura Portuguesa (HALP), Século XVII*, vol. III, coord. Isabel Allegro de Magalhães.

The re-edition was:

- › *O Texto Poético como Documento Social*, 3rd ed., by Rómulo de Carvalho.

University Texts for the Social and Human Sciences

Thirteen books were published in this series under the scope of the protocol set up with the Foundation for Science and Technology, with 10 new works and three re-editions.

The total cost (including personnel costs) of producing books in 2008 (excluding the University Texts from the Social and Human Sciences series, as this has its own special regime) was

[€990 240]

The Publishing Plan income of € 683,102 demonstrates that this activity is largely self-financing.

Publishing Plan [2000-2008]

Titles published in the last six years

Average: 64

Year 2008

Books: 81 new works and re-editions
16 já approved, work in progress

Education conferences

In 2008, the Education and Scholarships Department organised the international conference “Mathematics – Teaching: Questions and Solutions”, held at the Calouste Gulbenkian Foundation on 17-18 November. The conference was attended by some 750 people. The key themes that emerged during the discussion were as follows: “What makes a good Mathematics teacher?”, “Some dilemmas in elementary Mathematics teaching: exploratory activities or structured teaching; accuracy or intuition; external assessment or self-assessment?”, “Reading and mathematics”, “Educational psychology: constructivism or cognitivism?”, “Learning mathematics: conclusions of the advisory panel to the Government of the United States”, and “Does the country need mathematics?”. Each of these themes was the subject of in-depth analysis by leading Portuguese and foreign specialists specially invited to the conference.

The Education and Scholarships Department also organised another four international meetings with the participation of qualified Portuguese and foreign specialists.

- › “A Ler +/Escolas Leitoras” (Read More/Reading Schools) meeting. In association with the National Reading Plan of the Ministry of Education, the “A Ler +/Escolas Leitoras” international conference was held at the Calouste Gulbenkian Foundation in June 2008, under the scope of the project with the same title, itself based on the “Reading Connects – National Reading Trust” project of the United Kingdom. The meeting, which was attended by British representatives, presented the practices followed at schools in the London region that have placed reading and the pleasure of reading at the centre of their educational projects and activities, following a series of pre-established guidelines.
- › “Reading in Portugal: Development and Assessment” international conference – Under the protocol set up between the Calouste Gulbenkian Foundation and the National Reading Plan, the 2nd International Conference of the National Reading Plan was held in October. It was attended by a large number of teachers from Portuguese schools.
- › Machado de Assis Conference – In association with the Brazilian Mission to the Community of Portuguese-speaking Countries (cplp), the Education and Scholarships Department organised a conference on Machado de Assis, on 29-30 September 2008, as part of the commemorations of the centenary of his death (1908-2008). The first day involved an academic session, with reflections being made about the work of Machado de Assis. Participants included Portuguese and Brazilian writers and intellectuals, as well as similar figures from other countries. At the end of this panel, there was a piano and voice recital of Brazilian music from the 2nd Empire. The second day was dedicated to films, with the screening of documentaries about the writer’s work, ending with a theatrical performance of fragments of his work. The key themes that emerged during the discussion were as follows: “The modernity and universality of the work of Machado de Assis”, “The significance of the work of Machado de Assis in literature written in the Portuguese language”, “Machado de Assis and Portugal”, and “Machado de Assis in the cinema”.
- › Mathematics Workshop – The Education and Scholarships Department organised a workshop on 28-29 March on the theme “What is Known and What is Not Known about Mathematical Education”. The workshop, which had a restricted number of participants, was run by Nuno Crato, the president of the Portuguese Mathematics Society, and was attended by 50 specialists on each of the two days. The guest speakers were Hung-Hsi, from the Department of Mathematics of the University of California I, Kevin Miller, professor of Psychology and Education at the University of Michigan, and Armando Machado, from the Department of Mathematics of the Faculty of Sciences of the University of Lisbon.

The cost of conferences, meetings and seminars totalled

[€136 087]

Other activities

The most significant aspects in this area were the following projects:

- › The “Art and Culture in the School” project – This project, which ended in 2008, sought, among other objectives, to develop an interest in culture amongst school children, improving their capacity to appreciate and understand artistic production and to develop an awareness of heritage values.



➤ National Reading Plan – “Reading Schools” meeting, 20 June, 2008.



➤ 2nd International Conference of the National Reading Plan “The Three ‘E’s in Reading Promotion Programmes: Enthusiasm, Effectiveness, Efficiency”, 23 and 24 October, 2008.



✚ “Art and Culture in the School” project – public presentation of the project.

The production of teaching materials was completed and a public presentation made. During 2009, a website will be made available, containing all the materials produced, and the Department’s Publishing Plan will also publish a book with the project’s conclusions.

- › The “becas líder” project, which aims to offer emerging leaders from Latin America and the Iberian Peninsula a better and deeper understanding of the present-day reality of Portugal, Spain and the European Union, through a visit by young highly-qualified graduates from these countries to Portugal, Spain and Brussels.
- › The “Re-integration through Art” project – A joint initiative of the Ministry of Justice, the Ministry of Education and the Ministry of Employment and Social Security. This pilot project seeks to contribute via cultural and art-based dynamics towards the creation of a model for intervention at the educational centres of the Social Reintegration Institute (IRS) that promotes autonomy and a sense of community among institutionalised adolescents and young people. Personal autonomy and a sense of community are considered to be critical factors for the social reintegration of delinquent adolescents and young people. The use of the cultural and artistic dimension for this purpose is an experience in personal and social construction that may have future implications across more far-reaching fields (pre-delinquent adolescents and young people; adolescents and young people at risk).

The programme is being tested as a pilot scheme at three educational centres in the Greater Lisbon area (Benfica, Graça and Caxias). The initiative involves the participation of contemporary artists, accompanied by a team of monitors. The activities continued in the field throughout this final year of the project, and a conference was held on the project theme.

› “House of Science: the Gulbenkian Website for Teachers” is planned as an eight-year project designed to create a website to support the activities of teachers of Mathematics, Physics, Chemistry, Biology and Geology at all levels of primary and secondary school education.

This new website seeks to bring together a set of educational materials to support the above-mentioned teachers in their teaching activities, while also serving as a training tool for these same teachers.

The website will also be used to disseminate the pedagogical experiences of teachers and to publicise their works, provided that, in both cases, the contents have been assessed and validated by those responsible for monitoring the project.

The public presentation of the website is planned to take place during 2009.

Support was also given to the organisation and cataloguing of the personal papers and documents of the David Mourão-Ferreira estate and the archives of Eduardo Lourenço.

The subsidies awarded to these activities totalled

[€231 313]



🔗 Ana Hatherly – the Ana Hatherly Collection: the artist's books and catalogues.



	Amounts in euros
Personnel costs	1 740 762
Operating costs	29 166
Departmental activities	505 639
<i>Investment</i>	<i>109 737</i>
Total	2 275 567
Receipts	49 143

Set up in 1969, the Art Library fundamentally acts as a specialist research library that caters specifically for those involved in artistic, critical, educational or academic activities and mainly focusing on architecture and the visual arts. The Library's resources and services are designed to support individual and institutional activities alike, with particular emphasis on contributing to cultural initiatives such as the publication of studies and the organisation of exhibitions. The Library also centralises the management of a wide-ranging documentary heritage that goes beyond the arts and includes the management and conservation of all the publications produced or sponsored by the Foundation.

In addition to the constantly updated general collection, existing in a range of different media, the Library also holds an important set of special collections. These include, among others, the private libraries and personal papers of Amadeo de Souza-Cardoso, Diogo Macedo, Luís Reis Santos, Raul Lino and Cristino da Silva, amongst others, the photographic collections of Mário and Horácio Novaes and the Teatro de Cordel Collection. The Library also has subscriptions to 200 periodicals.

In 2008, the main objective of the activities undertaken was to ensure the quality and diversity of the Library's

services to the public by systematically seeking to enhance the provision of information, its quality and relevance, thus addressing its core mission. Activities of particular significance in this context are the continuing development and updating of the collections of documents, essentially in the Library's specific areas, the ongoing conservation and preservation plan and, naturally, the renewal of procedures and services with the aim of widening the means of dissemination and use of the information resources available. In this regard, we draw attention to the creation and management of an account in the "FLICKR" service, for the dissemination of digital collections of photographs. In the first six months during which the collections were displayed on FLICKR, the number of hits was 304,202, which, in itself, demonstrates the impact that membership of a social network such as this one has on the publicising of our collections.

An Online Reference Service was also created, through which users can make contact with any other part of the world, online and in real time, with a Reference Librarian who helps them to obtain varied information about the themes to which the Library devotes its attention.

Finally, mention should also be made of the Art Library's participation in the "Europeana – European Digital Library" project.

New contents made available to the public

Digital archive

In continuation of the Art Library's aims, priority was again given to increasing the digital resources associated with the catalogue. In this way, after being bibliographically processed and digitised, the "On the Route of the Portuguese Navigators – Yemen Architecture" collections were added to the catalogue in a digital format, while 5,353 images from the "Private Collection and Personal Papers of Diogo de Macedo" were incorporated, along with 4,025 images referring to 53 monographic titles, in a complete version, and 544 images referring to periodicals, also in a complete version.

Also in 2008, the Art Library completed the project entitled "Archives of Architecture", with the support of the Knowledge Society Operational Programme, seeking to make the private collections and personal papers of Raul Lino and Cristino da Silva available to the public in a digital format. As a corollary to the whole process of the bibliographical treatment, scanning and dissemination of roughly 35,000 images, as well as the undertaking of the work necessary for the preservation of the original documents, a public event was organised on 14 February called the Seminar of the Archives of Architecture Project: Dissemination of the Private Collections and Personal Papers of Raul Lino and Cristino da Silva. Over a hundred people attended the event, where nine papers were delivered relating to the project's various aspects.

Finally, 8,824 pages relating to monographs and periodicals were scanned and integrated into the Library's online system, so that at the end of 2008, the digital information of summaries available in the database amounted to roughly 56,175 pages showing the cover pages and brief summaries of publications.



- ✦ “Archives of Architecture” project: dissemination of the private collections and personal papers of Raul Lino and Cristino da Silva – Opening Session of the Seminar, 14 February, 2008.

Other collections made available

During 2008, both the textual documentation and graphical information relating to the 1st and 2nd Visual Arts Exhibitions, the collection donated by Ana Hatherly, all of the works purchased from the Galeria Diferença and the periodicals from the Reis Santos Collection were processed and made available to the public. Besides these collections, all the works received by the Library as a result of purchases, donations or exchanges, amounting to a total of 4,009 documents were integrated into the Library’s reference system.

Cooperation activities and participation in events

The Art Library supported research and other activities undertaken by other departments of the Calouste Gulbenkian Foundation, namely the preparation of the exhibition “The 1970s – Portuguese Art” exhibition, organised by the Fine Arts Department, the “Weltliteratur: Madrid, Berlin, St. Petersburg, the World!” exhibition, organised by the Education and Scholarships Department and to which the Library loaned various works, the *Catalogue Raisonné* of Amadeo de Souza-Cardoso, produced by the José de Azeredo Perdigão Modern Art Centre, and the preparation of the Gulbenkian Creativity and Artistic Creation Programme.

Under the scope of the visit made in September by the members of the Association Internationale de Bibliophilie, the Art Library worked with the Gulbenkian Museum on the organisation of the exhibition “The Art of the European Book in the Calouste Gulbenkian Collection”.

In association with IGESPAR – Institute for the Management of the Architectural and Archaeological Heritage, the Art Library organised a seminar on 8 May on the theme of “Photography and Architectural Heritage: Memory and Document”, with more than a hundred fifty participants.

The Art Library was also asked to collaborate with other institutions, namely the Centro Cultural de Belém, Serralves Foundation, Casa da Cerca, Museum of Chiado, Soares dos Reis National Museum and various national art galleries, in preparing biographical and bibliographical information for exhibition catalogues of Portuguese artists. As in the previous year, bibliographical support was also provided for research conducted by the team led by Jorge Silva Melo, with the aim of making documentaries about contemporary Portuguese artists.

This collaborative work not only called for research into the Art Library’s catalogue, with the subsequent compilation of bibliographies, but also research into other information sources, with entries being recorded and sent by e-mail. It should also be said that, in keeping with the Library’s vocation for providing support to institutional research and artistic activities, these requests for information called for the consultation of various special collections that are not normally available to the public.

As in previous years, and still under the scope of the Library’s cooperation activities, support was provided for the publication of the *Catalogue of the Publications of the Calouste Gulbenkian Foundation*, both in paper form and on the intranet, not only at the level of architecture and normative definitions, but also by maintaining routine operations with the Sales Department through the systematic sending of bibliographical entries processed under the Horizon system and referring to works published by the Calouste Gulbenkian Foundation.

The Art Library continued to be part of the following working groups and participated in the following events:

› In Portugal:

- Portuguese Users of the Horizon System, bringing together the representatives of the Portuguese institutions that use the system;
- Fine Arts working group of the Clip Project, aimed at establishing controlled terminologies for Indexing in the Arts.

› Abroad:

- IFLA – International Federation of Library Associations – having members in the following standing committees: Art Libraries, and Classification and Indexing;
- EBLIDA – European Bureau of Library, Information and Documentation Associations.

Training

The Art Library has continued to invest in updating and upgrading its staff-members’ professional skills. In 2008, Art Library employees participated in around 60 training events, seminars and congresses, which helped to update knowledge in library and information science and in the History of Art.

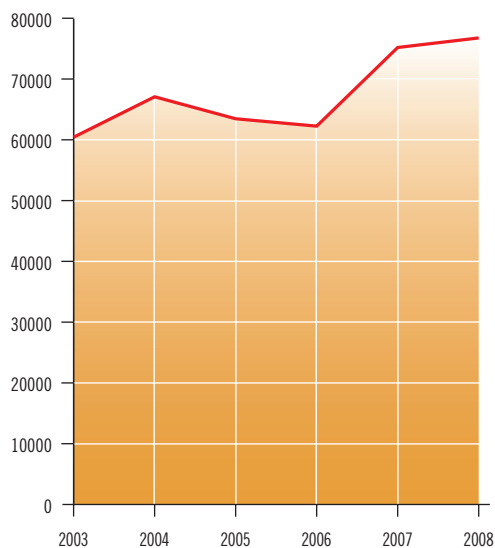
Information and services to the public

Introduction

The number of active readers in 2008 was 3,901, with a total of 76,760 loans made. A comparison of the last five years of the Library's activity shows that there has been a positive evolution in the number of loans made, which is a natural corollary of the improvement in the services provided to the public and the number of collections made available.

In the same period, there was a fresh increase in the number of requests for information from the Reference Service in comparison with previous years. The trend continued for most of these requests to be sent by e-mail (518 such requests were recorded, counting the replies made with relevant content). They continued to be varied in nature, ranging from simple questions about the method of accessing the Art Library catalogue to requests that called for more detailed research, either into reference works already existing at the library or on the internet. Once again, as before, requests made in Portugal adopted the template on the Library's web page, confirming the advantages of the virtual reference service.

Evolution of the number of loans



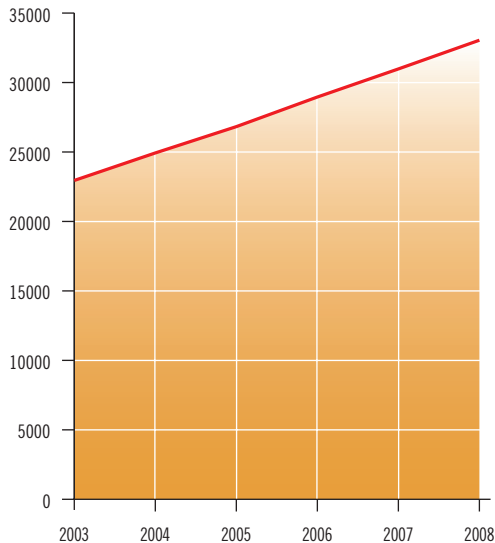
During the year, 3,412 reference interviews were carried out, making it possible to establish a clearer picture of the profile of the typical reader using the Library.

Mention should also be made of the use that was made of the information contained in the Library's website and catalogue, assessed through the number of searches that were carried out. 255,272 searches were made in the catalogue in the Reading Room, and a further 15,686 in the Multimedia Space. At the same time 3,736,051 searches were made in the online catalogue.

Statistical analysis

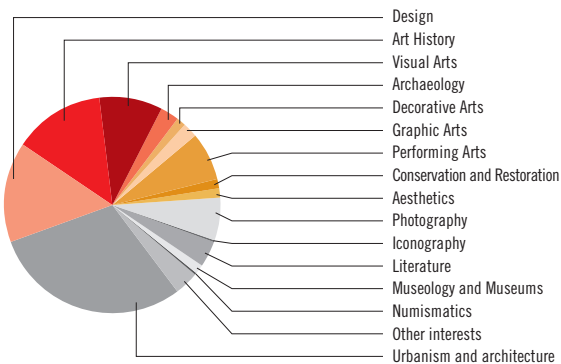
The Art Library currently has 33,046 readers registered, 3,901 of whom were active in the course of the year. These readers continue to be mostly female (68%), and, as usual, show the following distribution: 70% aged between 16 and 25, 15% between 26 and 35, and 10% between 36 and 50. The youngest readers show the highest rate of activity (58%), although the activity rates of the age groups 26-35 and 36-50 are also significant (21% and 16%, respectively).

Growth in the number of readers



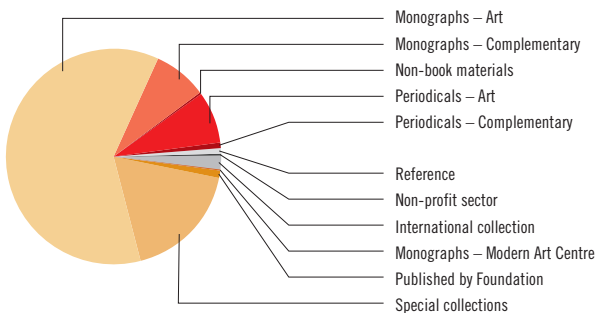
Library users' fields of interest continue to be mainly focused on architecture and urbanism (30%), history of art (14%), visual arts (9%) and design (15%). There was a change in the users' main professions, with a significant increase in the number of readers from graduate level education in artistic fields (54%, students and lecturers), followed by arts professionals and researchers (25%), with the latter number also showing a tendency to gradually increase.

New readers by area of interest



During the period in question, all document collections showed a 28% utilisation rate, with "Art Monographs" naturally maintaining its high rate (61%), There was also a notably greater use made of the "Special Collections" (18% in 2008 as against 12% in 2007), giving rise to a high utilisation rate of reserve collections and of the Multimedia Space, which provides network access to digital copies (111,060 scanned images) of an important set of information sources of interest to the history of art.

Distribution of loans by collection category



Efforts continued to be made to significantly increase the information made available to the public (271,015 items referenced in the database), thanks to the constant updating of the collections and the incorporation of new items into the database, making them available online. This led to 23,182 new records being created.

Internships and study visits

As has been repeatedly stated in previous years, the Art Library continued its policy of study visits

and professional internships in order to foster institutional exchanges and contribute towards user training. The most significant activities involved visits by undergraduate and master's degree students from the areas of the visual arts, architecture and librarianship. In addition to the numerous study visits, there were six curricular internships, four of which were for the completion of Master's degrees in Librarianship, while countless research projects were supervised, both for Master's degrees and PhD theses.

Acquisition of documents

[€116 479]

The funds allocated to the acquisition of documents in 2008 only enabled the updating of the collections in terms of monographs and exhibition catalogues, while making it possible to maintain the number of subscriptions to periodicals. It also proved possible to acquire some important facsimile editions and items in auctions, some of which allowed us to complete existing collections. During 2008, a total of 944 items were acquired and 3,065 received by donation, all of which were incorporated into the library collection.

Document preservation and conservation

[€42 621]

During 2008, this area mainly focused on the Bordalo Botto Collection with work being undertaken on 1,103 monographs, with hypoxia treatment being given to the collections of Ana Hatherly, the photographer Jorge Lima and the private collection and personal papers of the architect Teotónio Pereira, relating to the Movement for the Renovation of Religious Architecture, and issues of periodicals belonging to the Library's collection.

Altogether, conservation and restoration work was performed on 1,900 items. An investment of € 42,621 was made in this area.