

EUROPEAN ACADEMY OF SCIENCES AND ARTS  
**SPAIN**

ACTIVITY PROGRAMME

2006

2007

SUMMARY



# **RESEARCH AND STUDIES**

**EUROPEAN ACADEMY OF SCIENCES AND ARTS**

### *The Public Health System in Europe in the 21st century*

Since the middle of the last century, the scientific and cultural concept of Health has undergone great changes in Europe. From the point of view of medical progress, two areas can be cited, namely, genomic medicine on the one hand, and neurosciences on the other. Through different clinical and research areas, the latter are making exciting discoveries on how the human brain works, and at an ever-faster rate since the «decade of the brain», which began in the nineteen-nineties.

These discoveries call for urgent and radical change in the mentality and behaviour of the Public Health System protagonists and decision-makers. In the process of creating a modern Europe, and given the steady addition of new Member States, the need has arisen to harmonise our public health systems to ensure that all EU citizens receive the same health care services when travelling, and coordinate projects for the future.

It is with this objective that the European Parliament commissioned our Head Office in Salzburg to draw up a report on a European Healthcare Model for the 21<sup>st</sup> century. Our Head Office accordingly prepared an initial study entitled «Health is Wealth», which was forwarded to our Delegation for analysis and the input of the different Autonomous Communities through a series of debates. The final report, which incorporates the observations raised at the meetings in Spain, was forwarded by our Head Office to the European Parliament, after first being sent to the European Health Council.

In addition to this initiative, in 2006-2007 we are developing a new Project which involves an in-depth study of the Spanish and European Healthcare Systems in the 21<sup>st</sup> century. The Research Team is being led by our Vice-president, Professor Rubia Vila, and Academic Professors Segovia de Arana and García Barreno, who are responsible for defining an outline and multi-disciplinary approach to the establishment of a common European Healthcare model. They are working with a Committee of Expert Researchers, currently comprised of Professors Pedro Sabando Suárez, Gabriel González Navarro, Ana Pastor Julián, Juan Velarde Fuertes, Juan José Zarranz and Juan Díez Nicolás. The Academy also has professional experts from the field of medicine, philosophers, politicians, sociologists and economists who are responsible for conducting the research. This is being carried out in permanent coordination with our Head Office in Salzburg.

When the investigation is complete, the Debate will be given unusual importance as a formula for enriching the study, as is customary in our assignments.

The objective is to publish a White Paper in early 2008 which will endeavour to address the current crisis assailing the Spanish and European healthcare systems, tackling the issues from a medical, academic, political, sociological and demographic perspective, among others.

The Academy is currently working on the «*Healthcare in Europe*» document in collaboration with the Directorate General for Education of the Autonomous Community of Madrid.

## RESEARCH AND STUDIES

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ANA PASTOR JULIÁN

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## EUROPEAN ACADEMY OF SCIENCES AND ARTS

## **RESEARCH AND STUDIES**

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Professor of Neurology

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Professor of Sociology

**EUROPEAN ACADEMY OF SCIENCES AND ARTS**

### *Integration of the Spanish Education System into Europe*

Following the International Symposium on «*Training Europeans*», publication of its Concept Note and completion of the study entitled «*Training Europeans: some models applicable in Spain*», the Academy is embarking on Phase III of the General Project, which will complete the two previous phases.

The objective of Phase III is to study the activities and programmes on «*European citizenship*» at university and higher education levels, concentrating on university students' opinions and attitudes to a common European area; the attitudes of the universities themselves to this phenomenon; and the different means of access to higher education in Europe.

Likewise, references to this report in primary, secondary and baccalaureate textbooks have been analysed to ascertain whether these education levels have incorporated civic education subjects into the curriculum to prepare students for European citizenship, and if teachers have the appropriate training therefore.

In addition, the effects of the social media (TV, the press, youth press, radio, Internet, etc.) on the awareness of European citizenship have been studied, as well as their interference with the messages coming from the school and family environment.

The fourth cornerstone on which the project is built deals with integration programmes for immigrants and intercultural education as part of the training of European citizens; in this section, the study focused on the Spanish case and, more specifically, on some of the Autonomous Communities that are most involved in the immigration process.

All of these matters have been included in a single working document, to be published in 2006, entitled «*Studies on training for European citizenship*».

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## RESEARCH AND STUDIES

### *University Systems in Europe and the United States*

Much is being said about the European university model, mainly as a result of the path undertaken with the Bologna Declaration (1999). The agreements that are being reached are slowly but surely setting the basic framework for the convergence of European university systems, at least with respect to the structure of university qualifications, an aspect that differs greatly from one country to another. These differences give a false impression of variety, because there is no variety when this is linked to rigidity, which is the case today. We are now aiming for greater unity so that qualifications are recognised in every country, regardless of where they were obtained. It is precisely because governments and universities are involved in these processes that it is so difficult to provide an accurate overview thereof, as it is a reality that is constantly changing.

This is one of the main differences if we compare the European university model (which we cannot really talk about right now as it does not exist) to the United States' model. In the United States there are also a great variety of universities, subjects, organisational structures, etc., this is a different case however, because it is a natural product of the model itself, which fosters variety so that students have a wide range of studies to choose from. In general, we are talking about a system which we are not very familiar with, and which is often the victim of clichés that have frequently not been proved. This is either because we have a number of predetermined ideas which subsequently fail to match the reality, or because we judge the overall system based on our own personal experiences. The truth is that we have grown accustomed to focusing on some of the more eye-catching aspects of the system, forgetting to ask ourselves what it is that makes the system so effective. The first part of the project aimed to answer many of these questions.

That initial study (*University Systems in Europe and the United States*, 2003) provided a detailed description of the university systems in four European countries (Spain, France, Germany and Italy) on the one hand, and in the United States on the other, and identified the main differences between the models.

The second part of the project aims to extend on and correct some of the points analysed in the previous study; update reflections on the United States, including more recent data; extend on and update the information on the European countries analysed, Spain, France, Italy and Germany, incorporating additional information on the systems in other European countries: the Nordic countries (Finland, Norway, etc.), the United Kingdom and Central European States. The objective is to also include information on other systems throughout the world which may be of general interest. References to these countries will not be systematic, but part of a more general reflection. This account of the situation in the different countries will conclude with a more general reflection on the situation of the university in Europe and, more specifically, in Spain. Taking into account the international framework, specific proposals on the changes that need to be made in the medium and long term to improve the overall system will be put forward.

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**EUROPEAN ACADEMY OF SCIENCES AND ARTS**

## **RESEARCH AND STUDIES**

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*Europe's Boundaries*

In the complicated process of European Union, the debate on the boundaries of the Union and the parameters on which future decisions should be based have become a subject of debate in academic, political and intellectual circles in Europe. It is against this background of opportunity that the «*Europe's Boundaries*» study is set, and with which the Academy joins the community debate on the aforementioned ideas.

This Research study is based on the rewording of five basic objectives we have been working on, which are dealt with in the corresponding chapters, and are namely: 1) An Analysis of the idea of Europe throughout History and a map of Europe, 2) the Reconstruction and study of the external factors of European identity, 3) the Reconstruction and study of the internal factors of European identity, 4) Neighbouring relations with third-party states and 5) the Synthesis and prognosis of the entire debate.

We had the foresight to include a chapter on «*Turkey's adhesion to the European Union*», which was published as a working document in the belief that it would provide criteria for reflection on the enlargement of the Union. This analyses the issues raised by its possible accession to the European Union. The results of the research study in relation to another chapter of the project «*The European Union, Russia and the New Independent Western States (Belarus, Moldavia and the Ukraine)*» were also circulated in proceeding format. In 2006, the document entitled «*The Southern Caucasus Region*» will be available and will complete the study.

Subsequently, and with the immediate objective of debating them in the different forums prior to publishing, all of these partial reports shall be circulated during the current year in a concept note entitled «*Europe's Boundaries*», which will include conclusions on the issues examined.

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## RESEARCH AND STUDIES

### *Enlargement of the European Union (Phase II)*

After debate in different Autonomous Communities, the four research studies conducted by the Academy on EUROPEAN UNION ENLARGEMENT IN VIEW OF THE INCORPORATION OF THE EASTERN EUROPEAN COUNTRIES (Phase II) («*The impact of the enlargement of the EU on trade, migration flows and direct investment in Spain*», «*The fiscal challenges of enlarging the European Union*», «*The consequences of enlargement for regional European policy; the Spanish perspective*» and «*Enlargement of the European Union to the East. The implications for agriculture*») were debated at the International Meeting organised by The Central and Eastern European Network (CEN), a member of our Head Office in Salzburg, in Vienna in October 2004. Here it was suggested that our Study be updated with the latest resolutions adopted by the European Union and we consequently embarked on this study, the results of which will be published in 2006.

The studies entitled «*One year of EU-membership: impacts, expectations, challenges (the case of Hungary)*» directed by Professor Klára Fóti, and «*Post-enlargement integration of the European Union - the Polish perspective*», directed by Professor Stanislaw Owskiak, are already available.

Once this process is complete, new working documents will be prepared as an indispensable basis for new international debates that will be organised by our Academy. Participants in the study and experts from Eastern Europe will take part in these debates.

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### *Mobility in Spanish Society*

The concept of mobility as a characteristic inherent in all human activity expands and completes the term migration, as it expressly includes the aspects of population movements that create social, economic, political and environmental impacts of varying intensity and duration. In this sense, mobility is one of the main factors of socio-economic development and is closely linked from the outset with the pace and structure of modern society.

The profound impact that mobility, in all of its forms, is creating on the structure and functioning of modern societies is akin to a second version of the change from a Gemeinschaft to a Gessellschaft-type society, which gave rise to the Industrial Revolution. Current mobility is bringing about a similar, if not more significant, transformation of our economies, ethics and cultures as the Renaissance or the Industrial Revolution.

Particularly sensitive to the revolution of human mobility, our academy is now embarking on the Project MOBILITY IN SPANISH SOCIETY, which aims to analyse in depth the accelerated mobility that Spain is experiencing from different fronts: internal population movements, the movement of goods, large tourism flows and the influence of new technologies on all of these areas. The study will examine the profound transformations of modern societies, such as the construction boom, the distribution of natural resources and the «technological exclusion» of large population groups, paying particular attention to the influence of these factors on the surrounding environment.

All of this constitutes a fundamental factor for social restructuring and coexistence, and the study, which was conducted in 2005, therefore addresses the main dimensions and parameters making up this phenomenon and the categories it adopts, as well as the consequences for the ethical rules of social behaviour and family, national and international policies.

The first results of the project will give rise to an initial working document that will be discussed prior to publication in different specialised forums in 2006.

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## RESEARCH AND STUDIES

### *Local Power*

When improving the construction of the Autonomous State in Spain, countless administrative decentralisation problems arise that need to be addressed. Committed to furthering European integration, our Academy has decided to study these problems, from a Spanish perspective, within what has been called the «second decentralisation», and from the different administrative, institutional and political approaches to the concept of local power.

In the «*Local Power*» project, an interdisciplinary study on the future of local power in Spain, qualified professionals from different disciplines reflect on this. The study examines from different perspectives our democratic local governments' general concern about the relationship between citizens and local governmental institutions, political representatives and civil servants. This relationship is mainly determined by the scope and depth of the possibilities of direct citizen participation in the general political process in their closest environments.

This Project entails four monographic studies on the future of Local Power: *the City and Local Power, Management and financial models of local public services, The role of direct democracy and federalism in local power* and *The political dialect of local power organisation from a legal perspective*, which will be completed during the second quarter of 2006.

From then on, the Academy will focus in the 2006-2007 period on the organisation of a series of debates to discuss and enrich the initial conclusions. With all of this, the Academy will subsequently publish a concept note for distribution to the representatives of local institutions and other interested individuals and/or institutions.

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## RESEARCH AND STUDIES

### *The determining factors of the entrepreneurial spirit in Spain and Europe.*

In recent years, interest in ascertaining the role entrepreneurs play in economic development has increased considerably in the United States. European interest has been less pronounced and in Spain even less so. As a result, the historical reasons for the lack of entrepreneurial spirit in our country deserve more in-depth study, although it should be acknowledged that things appear to be changing at this moment in time.

In addition, in the field of competition, recent comparative studies on the innovation activities of European companies demonstrate that Spanish entrepreneurs are the most doubtful of the return on investment of proprietary R+D, consequently opting to purchase technology from outside sources in most cases.

The persistence of the problem makes a study aimed at identifying the causes very necessary, particularly at a time when innovation is becoming a key factor in business survival. And this is what our Academy is endeavouring to do by promoting the study, which is based on the hypothesis that there is some connection between the type of training entrepreneurs have received and the business activity they are engaged in.

The main sources of data for this study are Company Registers, dictionaries of national, European and US biographies, entrepreneurs' biographies, the Active Population Survey and other National Institute of Statistics publications, Business School archives and the Spanish Patent and Trademark Office's historical archives.

This type of research, which has been the subject of numerous studies in the USA with highly qualified and well-equipped teams has to date failed to provide definitive answers to these questions and issues. Nevertheless, a preliminary, yet detailed, monograph of our study shall be completed in 2006 and should represent significant progress in this field.

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**EUROPEAN ACADEMY OF SCIENCES AND ARTS**

**MEETINGS,  
DEBATES AND SEMINARS**

**EUROPEAN ACADEMY OF SCIENCES AND ARTS**

## MEETINGS, DEBATES AND SEMINARS

In 2006 the Spanish Delegation of the European Academy of Sciences and Arts shall organise different events based on the studies and projects it has conducted or which are near completion. Prior to completion, the respective project directors will publish the dates on which they will bring together their teams of collaborators for Coordination Seminars on the Academy website ([www.academia-europea.org](http://www.academia-europea.org)). All academics and experts are welcome to attend these seminars.

The following events have been scheduled for 2006:

- April: Seminar «*Technological Innovation in Europe*». Organised by the study directors. In Madrid.
- May: Debate «*The Public Health System in Spain in the 21st century*» Debate led by Professors García Barreno, Rubia Vila and Segovia de Arana. Debate «*The Common Space of Knowledge*». In collaboration with experts from the Government of Extremadura.
- June: Meeting «*Energy: the present and future of technology*». In collaboration with the Regional Ministry of Business, University and Science of the Government of Valencia. In Valencia. Seminar «*Europe's Boundaries*». The Project Director with the Team Directors. In Madrid. Seminar: «*Mobility and the Environment*». The Project Director with the Team of Collaborators. In Madrid. Local Power Seminar: «*The City and Local Power*», «*Management and financial models of local public services*» and «*The political dialect of local power organisation from a legal perspective*». With the collaboration of the Government of Andalusia. In Seville. Meeting «*Transferring university-based research to private companies*». Study Directors with the collaboration of the Government of Valencia.
- September: International Debate «*The consequences of European Union enlargement*». In collaboration with Aragón Provincial Council. In Zaragoza. Meeting «*Mobility in Spain*». Project Director with the Directive Committee. In Madrid. Seminar «*The Public Health System in Europe in the 21st century*» with the Study Directors, led by Professors García Barreno, Rubia Vila and Segovia de Arana.
- October: Debate «*Studies on the training of European citizens*». In collaboration with the Government of Catalonia.
- Meeting «*Europe's Boundaries*».  
Project Director with the Directive Committee.
- November: Debate «*Europe's Boundaries*», at the Universidad Autónoma de Madrid.  
Project Director and Collaborators.

## EUROPEAN ACADEMY OF SCIENCES AND ARTS

## MEETINGS, DEBATES AND SEMINARS

Meeting «*Technological Innovation in Spain*». Project Director with the collaboration of experts from the Government of Andalusia. In Seville.

Debate «*University Systems in Europe and the United States*» in collaboration with the Government of Valencia. Debate «*R+D indicators in industry and new communication technologies*» in collaboration with the Government of Valencia.

December: Debate «*Policies to promote innovation in the European Union*». In collaboration with the Government of Valencia.

Seminar «*The determining factors of the entrepreneurial spirit in Spain and Europe*». In Madrid.

**Note:** All events will be published on the Academy's website:  
[www.academia-europea.org](http://www.academia-europea.org)