

**ACADEMY OF ROMANIAN SCIENTISTS**

**MANAGEMENT PLAN**

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## **1. Tradition, current context and mission**

**The Academy of Romanian Scientists (AOSR) is an institution of public interest, a national forum of scientific consecration, bringing together representative personalities of science. It functions under Law no. 31 of January 15, 2007, the Statute of AOSR, approved by Government Decision HGR 641/2007, and the Organization and Operation Regulation approved by the General Assembly of AOSR.**

**As unquestionably stipulated from the very first article of Law 31/2007, AOSR is the successor and only heir of the Academy of Sciences of Romania that operated between 1935 and 1948, and of the Association of Romanian Scientists, founded by the Decision of the Council of Ministers no. 1.012 of May 30, 1956, which changed its name from the Association of Romanian Scientists to the Academy of Romanian Scientists, by a court order, in 1996.**

**The tumultuous history of our Academy is presented, in an extremely well documented manner, in the two volumes “The History of the Academy of Sciences of Romania” and “The History of the Association of Romanian Scientists”, both written by Prof. PhD. Ioan Scurtu and Prof. PhD. Corneliu Lungu.**

**We have a tradition of more than 80 years, and next year we shall celebrate 10 years since the rebirth of our Academy.**

**For this we should be forever grateful to the two founding Presidents: Prof. dr. Constantin ANGELESCU and General (r) Prof. dr.Vasile CÂNDEA.**

**A tradition is accomplished over the years through the activity of a large number of prestigious personalities of Romanian and international science who were members of our Academy, but it must be continued and consolidated by our present and future work.**

**The main mission of our Academy is to forge, promote, develop, support and protect science in all forms, actions and methods, be they direct, indirect or adjacent.**

**According to the Statute of AOSR, its President represents the institution in its relations with third-party natural or legal persons in the country and abroad and is the main authorising officer. The President shall preside over the works of the Scientific Council, the Presidium of AOSR, the General Assembly and other structures of AOSR in which he participates.**

**The President of AOSR issues decisions in the exercise of his / her own duties as well as for the**

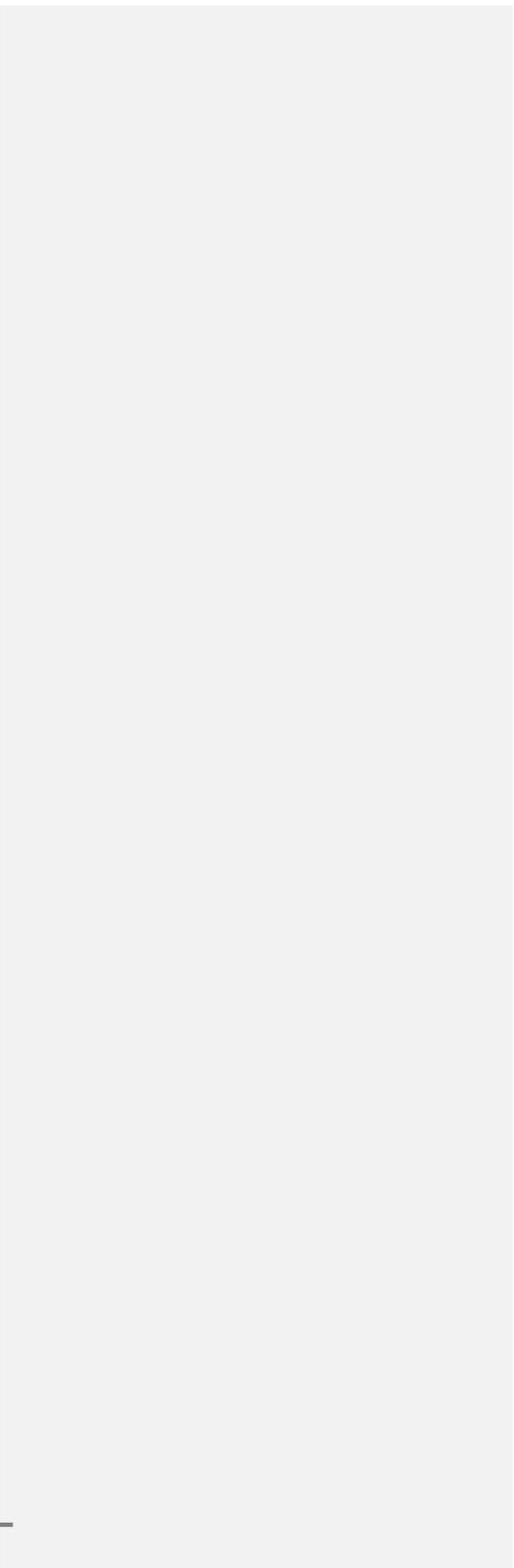
**implementation of the decisions of the Scientific Council and Presidium of AOSR.**

**I shall to present below a series of proposals grouped in the following directions:**

- **Scientific life;**
- **Dissemination of knowledge;**
- **Human resources;**
- **Supporting and attracting young people to science;**
- **Scientific expertise;**
- **Partnerships /collaborations;**
- **Internationalization;**
- **Material basis;**
- **Management.**

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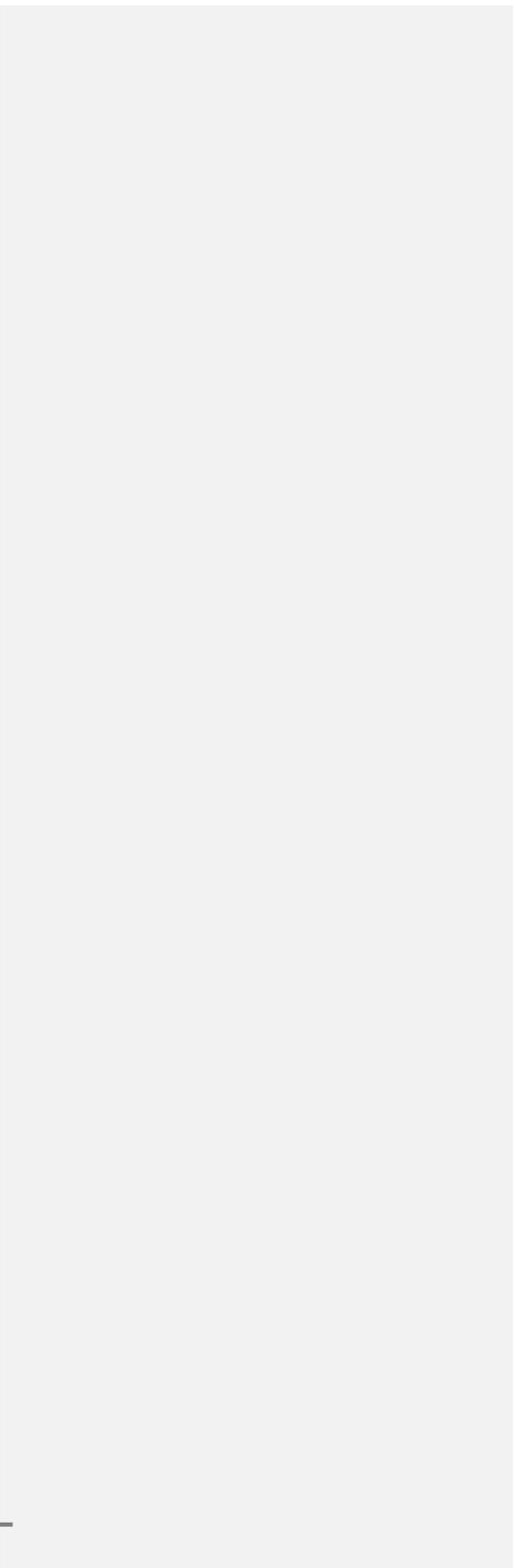




## **2. Scientific life**

**The essential component of the activity of an academy, its scientific life, shall manifest itself through various forms, of which let me mention the following:**

- . Its own scientific conferences, the academy continuing to organise two scientific conferences each year attended by all the sections of AOSR pursuing both excellence and multi-disciplinarity;**
- . Conferences and seminars organised in partnership with other academies, universities or research institutes;**
- . Scientific debates on topical themes of science (workshops, round tables);**
- . Organisation of thematic working groups at the level of the sections which shall include, alongside the members of the Academy, young researchers from universities or research institutes;**
- . Approaching research topics specific for each scientific section (1-2 topics each year, to be funded either through budget subsidies or through participation in national and international scientific competitions;**
- . Increasing the scientific visibility of all members of the academy by multiplying the number of scientific publications, especially in renowned journals.**



### **3. Dissemination of knowledge / Image**

**In order to increase the prestige of our academy and to disseminate our achievements in as broad circles as possible of the scientific world and society, we shall have to use as many and various ways as possible:**

- . Improving the quality of the articles published in the Annals series of AOSR, maybe also by reducing the number of these annals, by combining the concerns of several sections into one series, so that the articles published might have two reviewers, the selection be more rigorous, and the number of articles published by foreign specialists might grow. We must endeavour that in the next two years all Annals series be included in the selections of International Databases (ISI, Scopus, Google Academic, etc.);**
- . Keeping up to date the website [www.aosr.ro](http://www.aosr.ro), both in Romanian and English, and increasing the number of links and videos;**
- . Diversifying the information on our Facebook page and augment the number of “friends”, especially among young people;**
- . Organising public conferences on topical scientific themes to be filmed and posted on the Facebook and website page;**
- . Diversifying the themes of the publishing house of AOSR and posting the books published in an “Online library” of the Academy, which would also contain papers published by our members in other domestic or foreign publishing houses;**

- **Creating a Public Relations and Press Office aiming to better disseminate our achievements in the media;**
- **Rounding up the Archive of AOSR, which has acquired a remarkable form due to the new documents not only of the Academy but also of science in general, that can be provided by our members.**

#### **4. Scientific expertise**

**All the members of our Academy have acquired a rich scientific or technical expertise which should be usefully exploited and capitalized.**

**We intend to set up expert groups for different scientific or technical fields composed of our members or other personalities wishing to join these groups.**

**These expert groups that can turn into committees by domains will be published on our website and will be popularised on other websites or in a brochure that will be sent to both central and local government institutions as well as to major companies.**

## **5. Relationship with the youth**

**One of the major problems of Romania's industrial and social development, and not only of Romania, is the lack of staff with high quality scientific and technical training. In order to obtain it, it is necessary to rethink the teaching of science from the early years of school, in high school and then in universities. In this respect, our Academy can contribute by:**

- . Involvement and taking a public position in the elaboration of the curriculum by MEC for pre-university education, as well as in the improvement of didactic technology;**
- Continuing and developing the "Creativity" circle for students by extending it to the branches in the country, especially where there is a recognised tradition (Iași, Timișoara, Brașov);**
- . Organising meetings / conferences in schools and universities to popularise certain scientific fields in which our Academy has a real expertise;**
- . Establish a "Creativity Award" for young people (students or students), which will be awarded annually with the Scientica Foundation;**
- . Creating a "Creativity Award" for young people (schoolchildren or students), which will be awarded annually with the Scientica Foundation;**
- .**
- . Creating online pedagogical resources for students, in collaboration with other partner universities which shall**

**be posted on the Academy's website. Through them, we want to address with priority to rural students, where the quality of teaching is rather poor, and the chances to university education among this school population, which in the modern history of Romania represented an essential source of scientists, have diminished worryingly.**

## **6. Human resources**

**For the prestige of an academy, the scientific quality of its members is essential. That being so, we intend to continue:**

- . To increase the number of associate members of AOSR by attracting younger specialists with a real scientific value, an important growth potential and an attachment to the goals of our academy;**
- . The main selection criterion will be the scientific visibility of the candidates (number of papers, number of citations, index h, etc.). These minimum requirements shall be customised depending on each section and approved by the Scientific Council of AOSR;**
- . Selection of the correspondent members from our associate members who have proven through their concrete achievements that they are actively involved in the life of the Academy and its branches;**
- . When discussing the requests for new members or the promotions, the recommendation of the sections and branches is mandatory;**
- . Supporting the staff of the Academy by finding opportunities for increasing their income and by ensuring their continuous improvement;**

- **To support the members of the Academy with health problems, by creating in Bucharest and in the branches “Medical Counselling Groups”, composed of members of the Academy, who will provide on request the best advice and ways to solve these problems.**

### **7. Partnerships /collaborations**

**AOSR does not yet possess its own research institutes or centres therefore the main path we have to engage directly in research is that of partnerships with prestigious universities, institutes and research centres. In recent years, numerous research centres with a valuable material base have developed in the country, but they cannot function properly at the level of their endowment, because of the lack of know-how and personnel. Our academy can intervene exactly with these components.**

**In order to achieve this, we intend:**

- **To increase the number of associated legal persons by establishing new collaboration protocols between AOSR and universities or research institutions;**
- **To invite different research centres or institutions to carry out their activity under the aegis of AOSR;**
- **To grant the patronage of AOSR to prestigious specialised journals indexed in International Documentation Databases;**
- **Patronage by AOSR of pre-university education schools;**

- **Participation of AOSR in research consortia established with a view to participating in national or international research competitions;**
- **Participation of AOSR in Research Clusters and the initiation of such clusters by AOSR.**

## **8. International collaboration**

**The internationalization of our activity is essential to increase the prestige and visibility of our Academy.**

**To this end we propose:**

- **A better capitalisation of the partnership signed with the Academy of Sciences of Shanghai;**
- **To increase the number of bilateral partnerships by contacting other Academies of Sciences worldwide;**
- **“The AOSR Branch of New York” to become the “AOSR Branch in the US” and founding other branches in countries where we have a significant number of Honorary Members;**
- **Developing the relationships with the “Romanian-American Academy” in the USA;**

**Initiate steps for AOSR’s participation in international scientific networks, especially ICSU (International Scientific Council), or inter-academic networks such as: InterAcademy Partnership(IAP), European Academies Science Advisory Council (EASAC), ALL European Academies (ALLEA), etc.**

## **9. Material basis**

**The material basis is, in my opinion, one of the most sensitive issues of our Academy. At present, we do not own any property, which does not ensure our stability and security.**

**In this regard, we shall focus our efforts in two directions:**

### **1. Solve the problems related to the current headquarters by:**

- . Pursue the completion of the dismantling and sharing of the current premises, between the Romanian Academy and Bucharest City Hall, represented by AFI, which has been dragged out for nearly 3 years;**
- . Updating the administration protocol between Bucharest City Hall and the AOSR for the part of the building to be owned by Bucharest City Hall and the next phase analysis of the purchase possibilities for this part;**
- Concluding a contract with the Romanian Academy for transmission in administration or commodatum for the part of the property that will be transferred to the latter and analysis of the possibilities of its purchase.**

### **2. Continue the steps to build a new headquarters for which a first version of the Feasibility Study has been**

**drawn up. In this regard, we have to solve the following issues:**

- . Displacement of the site of the land received by law at Otopeni by about 35 m in order to receive the building approval from the Romanian Aeronautical Authority or the receipt from the Ministry of the Interior, the new owner of the surrounding area, of the necessary additional space or of another location;**
- . Adapting the project and feasibility study to the new location;**
- . Finding the funds to implement the project.**

**In parallel with these two main actions in the field of the material basis, we shall also have in view:**

- . The preparation of the project for consolidation of the current headquarters, which, following the assessment study carried out, falls within seismic hazard class II;**
- . The construction of a lift to unite the 5 levels of the building (basement, ground floor, 1st floor, 2nd floor, mansard);**
- . The modernisation of the equipment of the printing house and IT of our Academy.**

## **10. Management**

**To achieve an efficient management of our Academy we propose:**

- To consolidate an atmosphere of friendship and mutual trust in all the departments and branches, as well as at the headquarters, as a result of a good collaboration and a climate of work based on individual responsibility and specific group culture. We shall have to continue to foster interpersonal relations on the basis of mutual respect and in compliance with the criteria of value, without which we shall never live together in reality and normality;**
  
- . To involve as many of our members as possible in the life of the Academy. To this end, I propose that the elected President, together with the Honorary President, have personal discussions with each and every member of the Academy;**
  
- . To establish clear and precise attributions for each member of the Presidium of the Academy;**
  
- . To redefine and clearly establish the duties and responsibilities of each employee of AOSR;**
  
- . Transparency in decisions - these will be made with the knowledge and consent of the leadership of the Academy;**
  
- . To develop the IT / ICT support facilitating the transmission / collection of information between headquarters, branches and sections;**
  
- . To organise the meetings of the Scientific Council of the Academy with the frequency stipulated in the Statute and Rules of Organisation and Functioning of AOSR.**

**The above issues are just a few of my personal thoughts, they might not be exhaustive and maybe some are not the most appropriate, therefore your opinions and initiatives shall always be extremely needed and welcome.**

**Professor Adrian Badea**