

D

Erasmus Policy Statement (Overall Strategy)

D. Erasmus Policy Statement (Overall Strategy)

The Institution agrees to publish this overall strategy (all three parts) on its website within one month after the signature of the Erasmus Charter for Higher Education by the European Commission.

Please describe your institution's international (EU and non-EU) strategy. In your description please explain a) how you choose your partners, b) in which geographical area(s) and c) the most important objectives and target groups of your mobility activities (with regard to staff and students in first, second and third cycles, including study and training, and short cycles). If applicable, also explain how your institution participates in the development of double/multiple/joint degrees. (max. 5000 characters)

Original language [EN]

According to its status "The Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences aims to conduct research within the chemistry and allied sciences and disseminate the research results".

The ICSC PAS is involved in particular:

- conducting research in the field of catalysis, physical chemistry, colloid chemistry and related disciplines;
- implementation of research results;
- supporting people starting their scientific careers;
- conducting doctoral studies, scientific traineeships or job practices, training of researchers and specialists with particular skills;
- cooperation with universities, research institutes and scientific societies, particularly in the field of research and development;
- development of national and international scientific cooperation through the creation of research consortia and conducting research projects in conjunction with foreign and domestic partners.

As stated above, in addition to conducting extensive research ICSC PAS focuses also on its education activity. Our institution is actively engaged in a wide range of EU-funded activities and European organizations, and it fully intends to enhance its involvement in coming years.

The Erasmus programme will be of a key importance because the participation will help to improve the quality of education, extend curricula by increasing the number of available classes (also in foreign languages) and create possibility of learning new teaching techniques. The participants e.g. students/employees of ICSC PAS will be given the opportunities to stay abroad, experience diverse environment, benefit educationally, culturally and linguistically.

Our most important objectives are:

- To improve student preparedness in order to fulfill the requirements of job market in near future
- To increase the number of PhD students
- To raise the ICSC PAS international profile
- To internationalize its curricula to reflect diversity among students and staff
- To strengthen research and knowledge production
- To expand the number of programmes offering an international experience

Our activities will focus mainly on the following:

- PhD students mobility (including placement in enterprises)
- Staff and lecturers mobility.

To enhance mobility opportunities for students and staff, the ICSC PAS aims to develop its partnerships with research-intensive institutions worldwide (within and outside the EU). The most important criteria is the relevance of provided research/education opportunities in partner institution(s) in view of above listed objectives.

ICSC PAS will actively promote Erasmus program among PhD students, lecturers and staff members. A website dedicated to this programme will be created providing all the details regarding programme, information about opportunities for studying abroad, necessary requirements, eligibility criteria and procedures involved in the Erasmus program. In order to familiarize the potential beneficiaries with the issue, special seminars will be organized with those who already have participated in the programme.

All activities related to foreign exchanges will be monitored by the Head of International Postgraduate School and Erasmus coordinator.

If applicable, please describe your institution's strategy for the organisation and implementation of international (EU and non-EU) cooperation projects in teaching and training in relation to projects implemented under the Programme. (max. 2000 characters)

Original language [EN]

ICSC has yet not participated in Erasmus programme, but is actively engaged in a wide range of EU-funded activities and fully intends to enhance its involvement in coming years.

ICSC implements education program "Krakow Interdisciplinary PhD-Project in Nanoscience and Advanced Nanostructures". This project is implemented in cooperation of 18 research/education institutions from 13 countries (Germany, Bulgaria, Italy, Norway, Sweden, Spain, The Netherlands, United Kingdom, Finland, Slovakia, France, Japan and Poland).

Research is scheduled for 4 or 5 years, of which 6 to 24 months the students will spend abroad, mostly in Western European institutes that constitute the consortium.

Other interdisciplinary PhD projects ("Molecular Science for Medicine", "Advanced Materials for the New Technologies and Energy of the Future") combine the basic research activity of ICSC with the fields of advanced materials, nanotechnology, biocatalysis, medicine, and pharmacology. The aim is to educate high level specialists in disciplines considered as strategic in the European and national research policy, i.e. Info, Bio, Nano, Techno. In this respect we seek to further expand the co-operation with partners sharing similar interests.

The strategy for such programs must involve:

- measures proposed to ensure visibility, awareness raising, project promotion, etc.
- measures taken to attract the appropriate number and the correct profile of students/staff
- methodology and the criteria set to guarantee an impartial and transparent selection process
- adequate matching between the thematic expertise of the partner institutions and the profile of the students/staff
- efficient use of mobility periods
- the agreed mechanisms for students' examination and study recognition and/or transfer of credits
- proper implementation of the mobility scheme amongst the partner institutions
- monitoring of the project course
- measure issues such as equal opportunities, gender balance, disabled, etc.

Please explain the expected impact of your participation in the Programme on the modernisation of your institution (for each of the 5 priorities of the Modernisation Agenda*) in terms of the policy objectives you intend to achieve. (max. 3000 characters)

Original language [EN]

The participation in Erasmus programme will have a great impact on modernization of the ICSC PAS. In particular it will contribute to:

1. Increasing attainment levels to provide the graduates and researchers Europe needs

Achieving our goal (extension of curricula by increasing the number of available classes) will attract more doctoral candidates thus providing well educated researchers able to fulfill the requirements of demanding job market.

2. Improving the quality and relevance of higher education

Extension of curricula by increasing the number of available classes (also in foreign languages) will equip graduates with the knowledge and core transferable competences they need to succeed in high-skill occupations.

3. Strengthening quality through mobility and cross-border co-operation

The support of mobility and cross-border co-operation will help individuals increase their professional, social and intercultural skills as well as employability. It will also prepare them to successful existence in more diverse societies.

4. Making the knowledge triangle work: Linking higher education, research and business for excellence and regional development

Achieving our goals (in particular: strengthening research and knowledge production, improvement of student preparedness to fulfill the requirements of job market in near future, extension of curricula by increasing the number of available classes, the support of mobility) will contribute to more innovative oriented society equipped with scientific knowledge, creativity and innovative attitudes able to encourage partnership between professional institutions, research universities, business and high-tech centers.

5. Improving governance and funding

Achieving our goal (increase of ICSC PAS international profile) may facilitate access to alternative sources of funding.