

**ERASMUS MUNDUS EXTERNAL COOPERATION WINDOW (EM ECW)
PROJECT FACT SHEET**

Call for Proposals: EACEA/35/08- L15- (Brazil)

Coordinating Institution:

Polytechnic of Turin- Italy

Members of the partnership:

Polytechnic of Milan- Italy
KTH - Royal Institute of Technology of Stockholm- Sweden
CTU - Czech Technical University in Prague- Czech Republic
IST - UTL Higher Technical Institute of Lisbon- Portugal
UPM – Technical University of Madrid- Spain
INPG – Grenoble Institute of Technology- France
UPC – Technical University of Catalonia- Spain
USP - University of São Paulo- Brazil
UFSC - Federal University of Santa Catarina- Brazil
UFMG -Federal University of Minas Gerais- Brazil
UNICAMP – State University of Campinas- Brazil
Pontificia Universidade Catolica do Paraná- Brazil
UFPE - Federal University of Pernambuco- Brazil
UFPA - Universidade Federal do Para- Brazil
UFMS – Universidade Federal do Mato Grosso do Sul- Brazil
UFRJ - Federal University of Rio de Janeiro- Brazil
UFRGS -Federal University of Rio Grande do Sul- Brazil
UNB – University of Brasilia- Brazil

Associates:

Magalhaes Network- Spain
CLUSTER- Sweden
FAUBAI - Forum Das Assessorias Das Universidades Brasileiras Para Assuntos Internacionais.
(Forum of Brazilian Universities Offices For International Relations)

Project Objectives:

The EU-Brazil START UP (Student Teaching And Research Training) project matches all partners Internationalization Policy that attempts to improve the quality of the students' educational level, offering to its undergraduate, post-graduate students and academic staff several opportunities to participate in international research networks, diversifying knowledge approaches, approaching scientific cooperation and multicultural experience, allowing the higher education field to be part of the international reciprocity.

A better mutual cultural and social understanding between Europe and Brazil will be obviously reached through the improvement of international relations activities and especially through well defined and structured mobility actions. Exchange activities are considered by all partners, even more on the Brazilian side, a very important issue in the actual international cooperation sphere, contributing to the knowledge and technology transfer in engineering and all related fields, and promoting the competitiveness, visibility and reputation of the institutions in the international scenario. Connected with this aspect, another result that this project is willing to achieve is a higher employability rate of European and Brazilian young graduates, PhD and post-doc in the global market. One of the points in which European institutions have decided to focus their attention is the promotion of Brazilian destinations as high-level academic opportunities for European students, especially for what it concerns students exchanges at undergraduate level.

The proposal also allows the amplification and democratization of the students' mobility, since it assures resources that will grant opportunities for the participation in international academic education

to more students who would be otherwise excluded. The project supports as well the consolidation and intensification of the teaching staff exchanges in research activities in which all the partners have already expertise, developing new shared scientific practices.

Brazilian partners of the consortium are also focalized in assisting the decrease of the regional and national needs, in terms for example of reduction of poverty and violence.

Brief description:

Academic mobility activities between the European and the Brazilian partners of the consortium do not represent a new issue at all, considering the high number of cooperation agreements signed, students exchanged and the joint participation in several EU projects in all fields. Moreover, most of the European partners are members of the most important University networks operating in the field of higher education (CLUSTER, EUA, IAESTE, Magalhães, Columbus, and TIME). This guarantees a sound reciprocal knowledge of the partners and a huge experience in joint activities, mobility of students, well tested recognition mechanisms and joint project management.

The partnership has been carefully selected in order to ensure a fair geographical balance within Europe and academic excellence proved by the position covered in national and international ranking by the represented Universities. The dimension of the consortium is also balanced between the number of European and Brazilian participants, to guarantee an optimization in the mobility offer.

Most of the partners (especially on the European side) are technical universities or institutions in which the excellence is represented by their technical Schools and/or Departments. Therefore, since Engineering and Technology is one of the priorities for the concerned LOT, the consortium decided to focus mainly on Engineering and Technology programmes. Anyway, also other related fields will also be covered, when available, in order to extend as much as possible the mobility activities among the partners' population (Architecture, Management, Natural sciences, Design). This focused choice will allow a more efficient management of the activities (just few schools or department will be involved in each programme) and a higher success rate since engineering and architecture (and related technical fields) are those areas in which all the partners are already involved for what concerns the existing cooperation activities.

All levels of education will be covered by the consortium (BS, PhD, post doc, academic staff) and each partner is committed in offering as many programmes as possible at all levels. Mobility at Master of Science level is not present in LOT 15 due to the integrated programmes run by Brazilian institutions. This academic structure does not represent an obstacle in academic exchange between Brazil and Europe, thanks to the well established relations among the members of the consortium, through the different cooperation agreements worked out between partners and with the help of the above mentioned Networks.

Concerning the share of the mobility flows from and towards the two geographical areas concerned, the planned mobility flows towards Europe have been slightly increased if compared to the 70 % minimum requested by the EMECW call. The reason for this is again based on the past experience of the beneficiaries: a financial support is more required by Brazilian students than by European ones and the request for mobility towards the geographical areas involved is higher in Brazil than in Europe.

Considering the existing tight links between the partners and their participation in university networks, it is evident that the project will be sustainable. Therefore the recognition issues for study periods abroad is already a consolidate fact for most of the partners and the rules established bilaterally between the most experience institutions and within the existing exchange programmes will represent a sound basis to be shared with the few new partners which will surely benefit of this past experience and exchange mechanism (including all the related issues from administration of the flows down to recognition, evaluation and credit transfer).

Number of Individual Mobility Activities foreseen

Type of Mobility	Europeans	Third-Country nationals			TOTAL	
	Target Group 1	Ctry code ¹	Target Group 1	Target Group 2		Target Group 3
Undergraduates	54	BR	23			77
Masters						
Doctorates	50	BR	19		2	71
Post-doctorates	2		1			3
Teaching staff	<u>11</u>	BR	<u>8</u>			<u>19</u>
TOTAL	<u>117</u>		<u>51</u>			<u>170</u>

Address: Politecnico di Torino
Department of International Affairs
Corso Duca degli Abruzzi, 24 – 10129 TORINO
Italy

University website: <http://www.polito.it>

Contact Person: Prof. Carlo Naldi (Vice Rector for International Relations)
E-mail: emecw@polito.it

¹ Please find the list of codes for European countries and Third-Countries at section H of this application form