Title: EUBRANEX – European Brazilian Network for Academic Exchange

Ref.: 141172-EM-1-2008-DE-ERAMUNDUS-ECW-L16

Lead Applicant: Technische Universitaet Munchen, Germany

Partners:

2. Universite Libre de Bruxelles, Belgium
3. Czech Technical University In Prague, Czech Republic
4. Universidad de Sevilla, Spain
5. Ecole Centrale de Nantes, France
6. Ecole Centrale Paris, France
7. Università Degli Studi di Trento, Italy
8. Politechnika Wroclawska, Poland
9. Kungliga Tekniska Högskolan, Sweden
10. Universidade de Brasilia, Brazil
11. Universidade de Sao Paulo, Brazil
12. Universidade Estadual de Campinas, Brazil
13. Universidade Federal da Bahia, Brazil
14. Universidade Federal de Pernambuco, Brazil
15. Universidade Federal de Rio De Janeiro, Brazil
16. Universidade Federal do Ceara, Brazil
17. Universidade Federal do Para, Brazil
18. Universidade Federal do Paranà, Brazil
19. Universidade Federal do Rio Grande do Sul, Brazil
20. Universidade Federal Fluminense, Brazil

Objectives:

The EUBRANEX network has the objective to create a European-Brazilian Network of Excellent Universities, in part already linked by the T.I.M.E. network, by organizing exchange of graduate and undergraduate fellows and senior staff in the fields of Engineering and Sciences, aiming in the long run at establishing joint and double degree programs.

EURBRANEX aims at building a sustainable structure for exchange, mobility and multilateral cooperation, pursuing multiplier and long-term effects. The many dissemination activities, implemented by the consortium members as by the associates, and the individual and institutional elements of sustainability, will bring its positive results to the attention of an extended range of academics, universities, as exchange and cooperation institutions, and should stimulate related initiatives. Its special attempt to link engineering, natural and social sciences across the Ocean might provide a matrix for others, too.

Main activities:

The mutual mobility will deepen the existing and create new exchange and cooperation between universities in the EU and Brazil in unexplored fields, and thus enrich the educational environment of both the sending and hosting institutions. By facilitating the mutual transfer of know-how and good practices of student and staff mobility, and widening the scope of their projects, the internationalization and cooperation capacity of all the participating universities will be deeply enhanced, incl. the opening of Brazilian HEI.

The exchange students and doctorates will experience new teaching methods and research results, and eventually new applications in management or industry. The many linguistic, cultural and
educational benefits will create qualified and open-minded future professionals, contributing to the mutual scientific and technological enrichment of both continents, and social and educational inclusion in Brazil.

The faculties and research centres of each partner university will greatly benefit from the augmented influx of undergraduate and doctorate students or teaching staff from abroad. This international input will stimulate the development of innovative teaching and research, and increase substantially the number of European-Brazilian publications, colloquia, seminars and research output as of co-tutorial doctoral theses. In a long run the possibility of joint and double degree programs and the process of approximating the Bologna framework to Brazilian Universities might be accelerated, too, including the adoption of ECTS, Diploma Supplement etc. or other international quality assurance mechanisms of standards.

The participation of teaching and administrative staff in the mobility activities will intensify the capacity building process at the partner universities, especially of those in Brazil. The eventual interaction between academic staff and industry professionals might lead to new employment opportunities in high technology industries “sur place” and therefore tackle brain drain both within Brazil and from Brazil to Europe.

<table>
<thead>
<tr>
<th>Type of Mobility</th>
<th>Non-EU Country nationals</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Non-EU Country</td>
<td>Target Group 1</td>
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<tr>
<td>Undergraduates</td>
<td>Brazil</td>
<td>60</td>
</tr>
<tr>
<td>Masters</td>
<td>Brazil</td>
<td></td>
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<tr>
<td>Doctorates</td>
<td>Brazil</td>
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<tr>
<td>Post-doctorates</td>
<td>Brazil</td>
<td>3</td>
</tr>
<tr>
<td>Academic staff</td>
<td>Brazil</td>
<td>10</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>123</td>
</tr>
</tbody>
</table>

Number of Individual Mobility Activities foreseen

➢ Duration: 24-45 months

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University website: www.tum.de
Website produced for the promotion of the programme:

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