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## Adde Salem Project

### Promoting mobility South American - Europe and enhancing the employability at the graduate level through joint degrees

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**A**DDE SALEM is an ERASMUS MUNDUS project aimed to promote Joint Degrees in Engineering in South America avoiding the risk of brain drain. In this way, eight European and eight South American Institutions are working hand in hand at solving the problem. We want to answer the questions: Why? What? How?

Why? The final purpose must be greatly enhancing the employability of Joint graduates in Latin America. This means that the curricula offered them in Europe must respond to the needs of the South American job market, which implies a systematic study of such needs.

What? The instruments we analyze are the Joint Degrees at the graduate level.

How? We put in place a virtuous loop whereby the feedback from various constituencies on the existing programs are compared with the emerging needs of the job market in order to create a benchmark.

The project ADDE SALEM involves partner Institutions that have a long record of successful cooperation in Joint Degrees and a consistent pool of South American double graduates. Moreover, all the Institutions have very strong links with the industrial sector. We consider the non academic partners as the best source of information related to employability in South America.

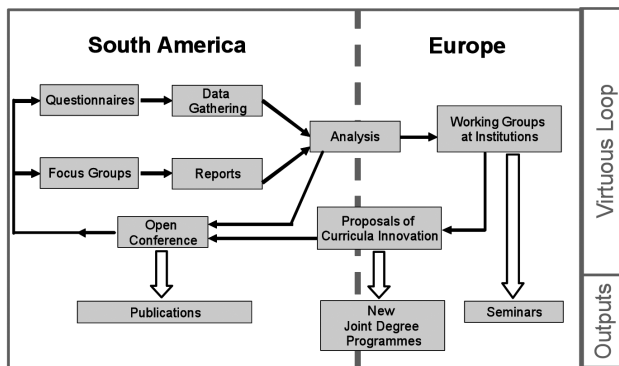
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The innovations promoted by our projects in the curricula of those Joint Degrees targeted to the South American students, is a guarantee for the South American Institutions that sending their best students to Europe in the framework of Joint Degree programs will enhance their employability at home.

The project ADDE SALEM involves partner Institutions that have a long record of successful cooperation on both sides of the Atlantic. Double degrees between the European partners and the South American ones have been signed and implemented for many years. European Institutions are Politecnico di Milano, Ecole Centrale de Lille, Ecole Centrale Nantes, Ecole Central Paris, Budapest University of Technology and Economics, Instituto Superior Tecnico de Lisboa (IST), Universidad Politecnica de Madrid (UPM) and Lund University. Latin American Institutions are Instituto Tecnologico de Buenos Aires (ITBA), Universidad Austral, The Federal University of Rio de Janeiro (UFRJ), Universidad de Sao Paulo, Universidad Tecnica Federico Santa Maria, Pontificia Universidad Catolica de Chile (PUC), Universidad del Norte and Pontificia Universidad Javeriana.

The methodology of the project consist of 7 phases, that includes design questionnaires for four different constituencies, data gathering and their analysis in different groups according to the model.



We have had two meetings in the project, the kick-off meeting in Milano and the second in Sao Paulo. In the Kick-off Consortium meeting in Milano, October 2011, we receive 16 participants from South America and 16 participants from Europe, this was the opportunity to confirm the methodology and working groups and their leaders. In the second meeting in Sao Paulo, we receive all member of the consortium and we had two panels with representatives of industry and with professional who were in double degree program Brazil-Europe. Their participation help to define many aspect in order to finish the phase 2 of the project and prepare the questionnaires. It's important to mention that part of the information comes from different projects that are involved in Education and Engineering Education in the World. That is the case of CDIO (12 CDIO standards and CDIO syllabus. A statement of Goals for Undergraduate Engineering Education), UNESCO (Five pillars of Learning and The four Pillars of Education), Project TUNNING and ABET. ■