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| **Technical and financial proposal for a training program in Intermodal transport systems and logistics including the waterway mode and their impacts in business and regional growth.** |
| The present proposal is proposed by **The two following University of Liege** Units: |
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| * **Anast** (Teaching and research Unit “Transport Systems Analysis”represented by Professor Philippe Rigo
 |
| * Unit **“Transports and Mobility”** represented by Professor Mario Cools
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| Address: Quartier Polytech 1, Allée de la Découverte 9, 4000 Liège - Belgium |
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| Hereafter referred as ULiege |
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| **And by**  |
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| **FINATEC – Fundação de Empreendimentos Científicos e Tecnológicos.** |
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| The proposed training program (see contents hereafter at article 1) will be realized by lecturers selected and sent by the two ULiege Units (on Belgian side) and by FINATEC (on Brazilian side).  |
| Objectives |
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| The overall objective is to ensure a transfer of knowledge through the development of a quality training program in order to improve the efficiency of logistic platforms management, including intermodal transport chains and ~~of~~ the waterway mode, allowing the control of socio-economic development for the benefit of the participants and the Society. The proposed training program has a multidisciplinary approach because it is concerned with technical, financial, socio-economic, environmental, management topics and analysis of quality, including safety aspects and impact assessment to choose, depending on development objectives, the optimum solutions. A good policy of integrated logistics and resulting transportation has important impacts on the territorial development and quality of life both at the level of goods consumption than in terms of the life environment (sustainable development). |
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| **Article 1 – Object of the proposal** |
| To provide a training program in the field of « Intermodal transport systems and logistics including the waterway mode and their impacts in business and regional growth» . |
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| The programme is thus composed by the 7 following courses:  |
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| * Logistics Platform Development, Quality and supply chain management tools
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| * Evaluation and decision making tools and strategies in the Territorial Development and transport field
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| * Transport system analysis, traffic management and modelling
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| * Waterways Infrastructures in relationship with Territorial Development Policy
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| * Concept Design of navigational equipment and navigation aids
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| * Technical and economical analysis of transport systems
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| * Measurement of the performances of a Supply Chain and its impact on Territorial Development
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| Each of the 7 disciplines requires 60 hours (30 hours delivered by lecturers selected by ULiege Units and 30 hours delivered by lecturers selected by FINATEC). Each participant, who has attended the complete program, will present a final report on a subject chosen in accordance with a lecturer.  |
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| Each disciplines is jointly coordinated by the lecturer selected by ULiege Units and the lecturer selected by FINATEC. ULiege Units send~~s~~ a lecturer each two months for one week per discipline. During the running of the training program, Brazilian lecturer selected by FINATEC teach the basic knowledge necessary to make the overall program consistent each of them defined in coordination with the corresponding Uliege lecturer with the aim to highlight the corresponding impacts on a policy of business and territorial development. |
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| **Article 2 – Schedule** |
| The program will start on August 5th, 2019 and end on September21rst, 2020. |
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| Article 3 – Place of the training |
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| The infrastructure to realize the training program is assured by FINATEC (room, folder, coffee break, and other facilities and infrastructures) |
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| Article 4 –Particular conditions of access  |
| The program is open to holders that fulfill one of the following conditions: |
| - The success of five years of higher education  |
| Or  |
| * Three years of higher education and at least two years of a professional/personal experience in connection with the proposed program
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| Prerequisites: The language of training is English, sufficient knowledge of English is necessary to participate in the training program. |
| All candidates will be subject to profile screening and evaluation prior to acceptance to the course. |
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| **Article 5 – Target public** |
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| The target audience is represented by executives and technicians of various private and public companies involved in regional planning, logistics and transportation. The administration officials in connection with this sector are also part of the target audience. |
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| Article 6 – Modalities of selection |
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| The selection and admission are the responsibility of the partners inside a selection committee. This one ensures that candidates can get all the relevant documents: a certified copy of the diploma of higher education or/and a document to demonstrate several years of a professional/personal experience in connection with the proposed program, a copy both sides of the identity card and the candidate's full personal information. |
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| **Article 7 – Certification** |
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| After successful completion of the training program, a certification is delivered in the field of “Intermodal transport systems and logistics including the waterway mode and their impacts in business and regional growth.”. If only some disciplines are realized successfully, corresponding certificates of completion will be also delivered by the two ULiege Units. It will mention the co-organisation of the training program with the partner institutions.  |
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| The Certificate called “Professional Certificate degree in Regional Planning and Transport Logistics” will be delivered by the two involved Units of ULiege and it will be granted upon successful completion of the whole program and the delivery of a Feasibility Case Study that could be proposed by the participants. This certificate is ~~equivalent~~ similar to Brazilian degree “Especialização” or “Pós-Graduação Lato Sensu”. |
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| The Fundação de Empreendimentos Científicos e Tecnologicos will issue a “Professional Improvement” certificate. |
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|  **Article 8 – Coordination and implementation of the program**  |
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| The management and the setting up of the programme are carried out by an institutional coordinator and an educational coordinator, designated within each partner institution. |
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| FINATEC is allowed to use ULiege logo combined ULiege Units (ANAST and Transport and Mobility) for advertisement and promotion of this training program. |
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| The professors and professionals involved in the training program allow FINATEC to use their image (photographs and videos) and written materials for the ~~propose~~ purpose of developing resources for this training program. |
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| **Article 9 – End of the programme** |
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| At the end of the programme, the institutional coordinators set up a global evaluation of the program based on evaluations submitted by the participants and the teaching staff. This report address issues like: the relevance of the program, its objectives, pedagogical/didactic/educational approaches, its structure and the selection of teaching staff, as well as organisational, administrative and logistic procedures. This overall evaluation is recorded in a report to each of the partner institutions. |
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| **For the two ULiege Units,**  |
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| **Prof. Philippe Rigo Prof. Mario Cools**  |
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| **For the FINATEC,**  |
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| **Prof....** |