

**Horizon 2020
Marie Skłodowska Curie Actions
PROFILE FORM**

Organization Name / Department	Technological University From Pereira Regional Clean Production Centre Sustainable Wood Process Engineering Program	Organization Short Name	UTP/CRPML
Organization Type	<input checked="" type="checkbox"/> University <input type="checkbox"/> Public Research Centre <input type="checkbox"/> Large Scale Enterprise <input type="checkbox"/> Small and Medium Scale Enterprise	<input type="checkbox"/> Public Body <input type="checkbox"/> International NGO <input type="checkbox"/> National NGO	
Research Fields	<input type="checkbox"/> Chemistry CHE <input checked="" type="checkbox"/> Social and Human Sciences SOC <input type="checkbox"/> Economic Sciences ECO <input type="checkbox"/> Information Science and Engineering ENG <input checked="" type="checkbox"/> Environment and Geosciences ENV <input type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input type="checkbox"/> Physics PHY	<u>Sub-Fields / Keywords:</u> ,	
Short Description of the Organization / Department	<p>The Risaralda department is immersed in the so-called coffee belt, it is a territorial entity located in the central sector of the Andean region, west central Colombia. Its geographical location is determined by the coordinates of its extreme limits: between the 5th and 4th 39' 32' north latitude and between 75 ° 23' 49 "and 76°18'27" longitude west of the meridian 0 ° of Greenwich, has a population of 1,025,539 inhabitants, of which approximately 48.65% were men and 51.35% women, grouped into 231,592 households established in 14 municipalities and has a total area of 3586 km² which represents 0.3 % of the national territory. (CARDER, 2011). 32% of the inhabitants of Risaralda are located in rural areas, where farming and cattle are the main source of income poverty reaches 63% of this population (UNDP, 2011).</p> <p>The Technological University of Pereira-UTP began operations on March 4, 1961. the Institution begins to develop academic programs that make it worthy of great prestige at regional and national level. At present and under the leadership of Rector Doctor Luis Fernando Gaviria Trujillo UTP has 18,878 students who are involved in 9 faculties, 30 undergraduate programs, 14 specializations, 23 master's degrees and 5 doctorates, along with a wide range of outreach programs.</p> <p>From 2016 UTP will also have a new faculty, the Faculty of Agricultural Sciences and Agribusiness is anticipated that contributes to strengthening the rural areas of our country where for many years the political conflicts has generated significant social deficits. It faculty will have two new Engineering Programs: Agribusiness Process and Sustainable Wood Process that were viewed as promising sectors for development in the region and throughout Colombia. These new programs will complement the processes of technological development and innovation that currently develops programs like Environmental Management, Mechanical Engineering and Industrial Engineering; among others.</p>		

<p>Previous Related Projects / Research Experience</p>	<p>The Regional Centre for Cleaner Production-CRPML of the UTP has been responsible for promoting regional implementation of strategies to optimize the use of resources in the business sector. We have developed projects related to Integrated Management of bamboo, management of industrial waste and improving energy efficiency of processes. Additionally we were doing researcher projects related with evaluation of mechanical properties to some native forest species, preservation process development and solar drying and mechanical drying of forest products.</p> <p>Actually we are begging research for the use of residual biomass for energy generation (briquettes and pellets).</p>
<p>Short Description of the Project idea (if foreseeable)</p>	<p>Colombia has 7.2 million of ha suitable for the development of forestry and the Risaralda department has 79,300 ha, so it is considered that the wood transformation process have the potential to reduce unemployment and improve the quality of life of its inhabitants.</p> <p>UTP has been working on specific projects for the use of various forest products, but to achieve significant growth in the sector is required to form networks of knowledge with countries that are leaders in forestry so that they can help us identify production models successful and specific products that contribute to sustainable development of the sector in Colombia and specifically in Risaralda</p>
<p>Related Call</p>	<p>H2020-MSCA</p>
<p>Contact Person</p>	<p>Jorge Augusto Montoya Arango</p>
<p>Position in the Organization</p>	<p>Director Regional Centre for Cleaner Production-CRPML</p>
<p>Tel</p>	<p>057 (6) 3137552-3137457</p>
<p>Email</p>	<p>jorgemmontoya@utp.edu.co</p>