

Technological platform BIOPLAT-PERÚ for continued, competitive and sustainable growth of energetic biomass in Peru

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BIOPLAT-PERÚ is the technological proposal presented by PUCP in relation to bioenergy, a way of renewable energy from biomass. The project starts as a response to the Peruvian society demand for replacement of traditional fuels and reduction of greenhouse gas emissions.

Within its actions to break those barriers limiting the biomass development as an energy source in the domestic market, BIOPLAT-PERÚ develops BIOMAP. It is an information system that, through a web portal, shows zoned valorization of energetic biomass in Peru, which constitutes a valuable tool for making decisions, implementing and executing energetic projects and creating regional development poles.

The bioenergy value chain also requires to develop research activities and provide technical assistance and training in relation to the development of biofuels. In this regard, this project works in order to consolidate the Center of Demonstration of Biofuels - PUCP, where the following is produced: biofuel samples at laboratory scale, product quality control processes and development of technical rule proposals.

BIOPLAT-Perú also includes activities of promotion, training and dissemination at school and university public level, as well as general public. BIOPLAT aims at developing actions of communication, awareness and information within the scope of other projects already implemented by PUCP, such as *Clima de Cambio* or *Revolución de las pequeñas cosas*.