

# Demandas Tecnológicas

## Tecnología para la adición de moléculas de plata.

A Lithuanian textile company searches for an innovative laboratory equipment that can add silver molecules/ions to different kinds of fabrics. Company is seeking for cooperation with technical assistance.

Lithuanian textile company plans to open a new laboratory. The company is seeking for compact laboratory equipment that can add silver molecules/ions to different kinds of fabrics and/or thread bobbins. The adding of silver molecules/ions should not affect the quality or the different characteristics of the fabric in negative ways, which should keep their ecological, hygienic and structural characteristics. It makes no difference if silver molecules or silver ions are added, both have the required impact on the clothing of working as a antibiotic substance.

## Reciclado de residuos de construcción y demolición.

A Spanish construction waste management company is looking for new technologies to separate and recycle waste resulting from demolishing and building activities, especially different types of plastics, wood and textiles. Once these materials are separated, they would be reused or transformed into different products to avoid their introduction in dumping ground. The company is looking for technical cooperation.

At present, 95% of waste proceeding from demolishing and building activities is recycled. The remaining 5% is constituting a fraction very difficult to be recycled, including, above all, different kinds of plastics, wood, and textiles. These materials are usually sent to a dumping ground, that is a non desirable solution. If they were separated, they could be reused by other companies in their manufacturing processes.

## Optimización de reflectores solares parabólicos.

The current activities of the company is in the field of: - customer driven product development - solar panel development - railway track cleaning systems The reason of this partner search is that the company wants to improve their solar panel concept. An innovative solution has recently been identified, but the optimisation expertise of parabolic solar reflectors is now missing.

There are no specified technical specifications for the solutions wanted. However, the expertise should have a thorough and well proven knowledge in the field of optimisation of parabolic solar reflectors.

Los grupos de investigación que estén interesados en atender alguna de estas demandas, pueden contactar con la OTRI en la siguiente dirección: [otri@uco.es](mailto:otri@uco.es) Tlfno: 957-218022. Preguntar por Luis Barrón.