



Eranet – Cornet

R&D PROJECT IDEAS FOR THE LEATHER INDUSTRY

Name: Leather Traceability and Value Chain Efficiency

The work to develop will focus on two aspects:

- The R&D related to the method, technique and technology needed to implement raw leather identification/markings;
- Testing and implementing a pilot scale solution that will enable, not only, traceability but also a contribution to a higher efficiency of the work of the stakeholders at economic, environmental and sanitary levels.

The work will involve the following knowledge areas: Leather R&D, Economics and Management, Environment, Animal Welfare, Veterinary, Public Health, Food Safety, Livestock Breeding, etc.

Name: LEATHERBAT'S (BAT's for Leather Industry – An integrated approach)

The process of making leather has always been associated with odour and pollution.

A considerable potential impact of tanning and associated activities on air, water, soil and resources arises from the raw materials, chemicals applied, liquid effluents, gases and wastes generated in the industrial process.

These factors associated to the public opinion, has gone the most relevant reasons to promote important changes with respect to environmental protection.

Nowadays, to reduce this polluted charge is one of the most important preoccupations of the tanning industry.

The solutions for a better environmental performance are frequently complex and have to be assessed with regards to their potential impacts on other process units and particularly their environmental benefits for the environment as a whole.

The European IPPC Bureau has published a reference Draft document on the Best Available Technologies (BAT's) for the Tanning of hides and skins. The document identifies some technologies that can be declared as BAT's to be used in the scope of the IPPC Directive 96/61/EC. The purpose of this Directive is to achieve integrated prevention and control of pollution in order to obtain the highest practicable level of protection for the environment.

The main objective of this project is the integration of some technologies in a productive process to evaluate the technical and economic viability of its interconnection and the global impact in the environment and reduction of processing costs.