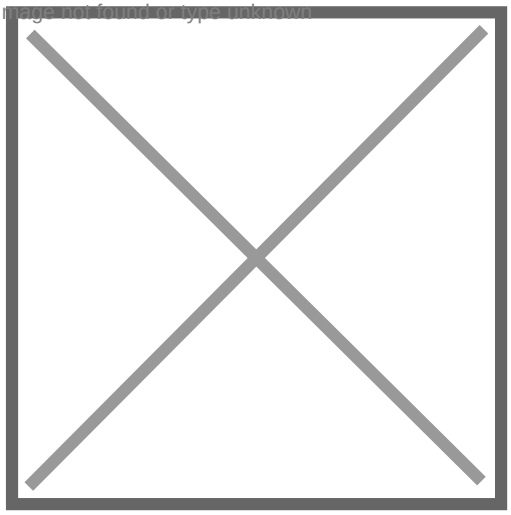
Image not found or type unknown



SPIRE-01-2016

SPOTVIEW

Full Title: Sustainable Processes and Optimized Technologies for Industrially Efficient Water Usage

Aim:

The objective of the SPOTVIEW project is to develop and demonstrate innovative, sustainable and efficient processes and technology components, in order to optimize the use of natural resources, especially water, in three industrial sectors (Dairy, Pulp and Paper and Steel) contributing to 44% of industrial water usage in EU.

Concept:
A total of 14 existing and new technologies will be assessed during the project, including solid/liquid separation, ultrafiltration, deionization, biological treatment, disinfection and chemical heat pump. The technology components will be assessed in simulated or operational environment for 9 new water management practices in the three industrial sectors. Up to 7 selected technologies demonstrators are planned in real industrial environment. The implemented process and technology will be evaluated in terms of environmental impacts and benefits, generated by achieving the SPOTVIEW targets (20% to 90% reduction of water usage, wastewater emissions, chemicals and energy use).

Start date:
03/10/2016

End date:
02/04/2020