



SpotView: a new industrial partnership to improve water efficiency!

The European **SpotView** Project – “*Sustainable Processes and Optimized Technologies for Industrially Efficient Water Usage*” – has just got underway, with the kick-off meeting taking place on 13th October at the EC R&D Commission in Brussels. 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).

The **SpotView** Project was selected among 15 proposals in the H2020 SPIRE-01-2016 call for projects: “*Systematic approaches for resource-efficient water management systems in process industries*”. No fewer than 15 partners from 9 EU countries received a grant from the Horizon 2020 European Union fund for research and innovation.

The optimization of resources (including water, energy, raw materials and additives) is a key issue in maintaining competitive, sustainable production. During the **SpotView** project, a total of 14 existing and new technologies will be assessed in simulated or operational environments to develop 9 new water management practices in the three industrial sectors. Up to 7 technology demonstrators will be selected, for deployment in real industrial environments. The processes and technologies implemented will be evaluated in terms of the environmental impacts and benefits generated by achieving the **SpotView** targets (20% to 90% reduction in water usage, wastewater emissions, chemicals and energy use).

The **SpotView** consortium covers the whole value chain, from technology development through assessment to supply and industrial applications, in each targeted sector. Use of the proposed technologies for economic growth will be pursued through a well-described business case scenario and market penetration strategy. Dissemination and training activities are planned to maximize the impact of the project.

The market opportunities for future services and technology products beyond the **SpotView** project are expected to generate up to 2800 new facilities and 7000 new jobs in Europe! The expected gains for Europe’s industrial sectors brought about by recovering by-products and saving energy, chemicals and additives amount to €1.53bn per year. See you in 2020 with some new resource-efficient processes to boost the competitiveness of Europe’s industry!

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Figure 1: Consortium description

A multi-industrial consortium of 15 partners including 5 Research and Technology Organizations [CTP, BFI, CERP, LIST and VTT], 4 small or medium enterprises [Caloritum, Process Design Center B.V., SERE-Tech, XerChem] and 6 industrial groups [ArcelorMittal, Emin Leydier, Kadant Lamort, MEVGAL, SCA, Valmet] from 9 European countries (Belgium, Finland, France, Germany, Greece, Luxembourg, Netherlands, Spain and United Kingdom), all EU-member states.



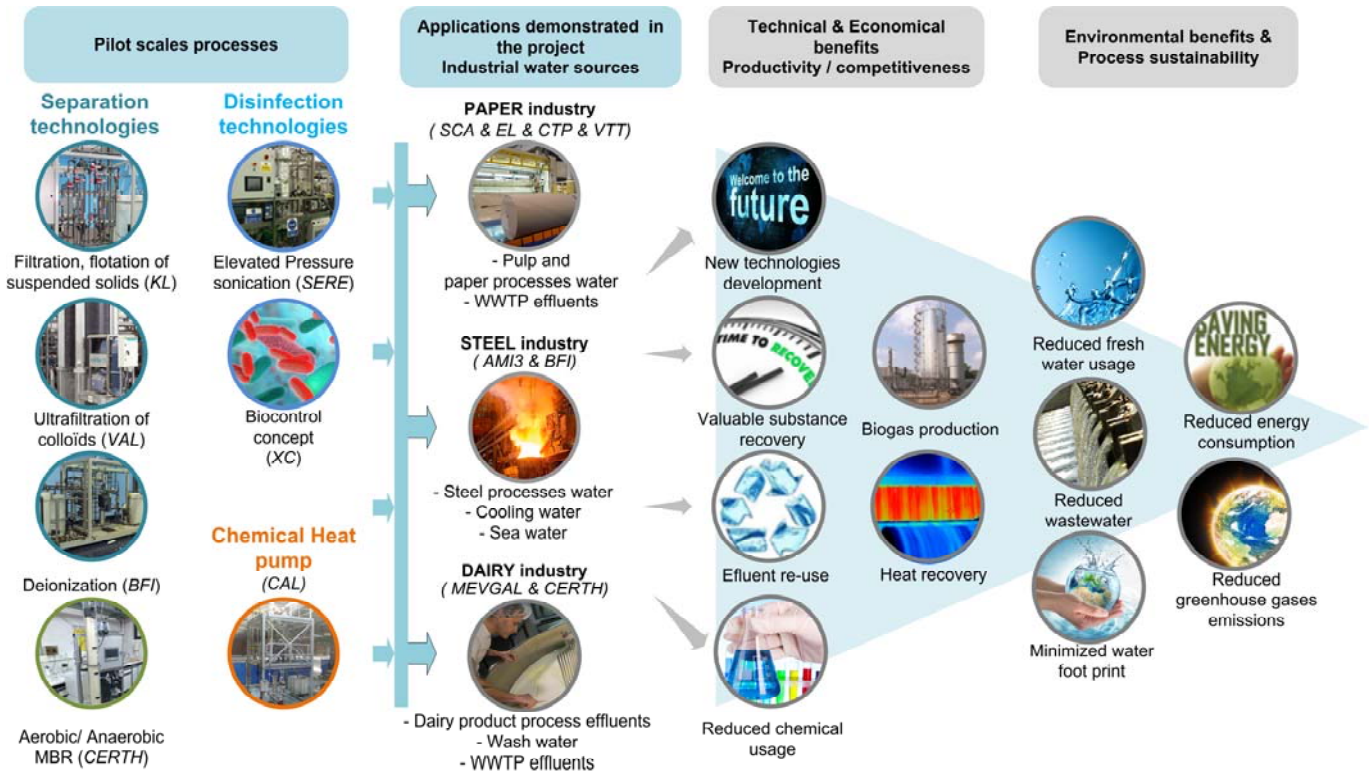


Figure 2 : Concept and Project Process