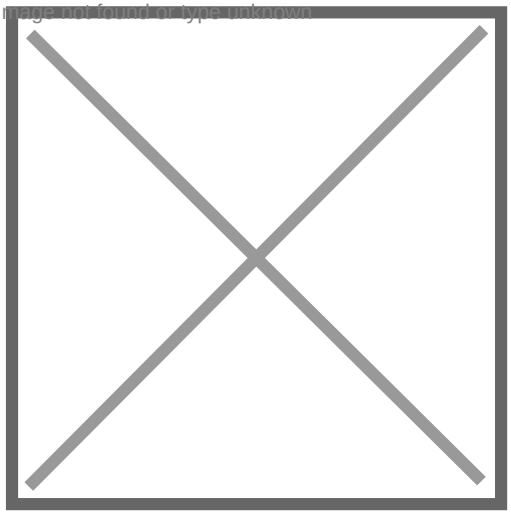
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SPIRE-01-2016

INSPIREWATER

Full Title: INSPIREWATER - Innovative Solutions in the Process Industry for next generation Resource Efficient Water management

Aim:

INSPIREWATER demonstrated a holistic approach for water management in the process industry using innovative technology solutions from European companies to increase water and resource efficiency in the process industry.

Concept:
INSPIREWATER addressed non-technical barriers as well as technical, as innovation needs both components and demonstrated them in the steel and chemical industry. A flexible system for water management in industries that can be integrated to existing systems was worked out and demonstrated to facilitate implementation of technical innovations. Technical innovations in the area of selected membrane technologies, strong field magnetic particle separator, and a catalyst to prevent biofouling were demonstrated, including valorisation of waste heat. This will increase process water efficiency as well as resource, water and energy savings in the process industry.

Start date:
01/10/2016

End date:
31/03/2020