

Control4Reuse - Process Control Technologies for Water Reuse

Type : Projet européen JPI Water

Période d'activité : 2018 - 2022

Partenaires :

Main partners:

- [Malardalen University](#), Vasteras, Sweden (Lead.). Contact: Eva Thorin - eva.thorin@mdh.se
- [UFC](#), Fortaleza - Ceará, Brazil. Contact: Francesco Corona - francesco.corona@ufc.br
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Associated partners

- CAGECE, Brazil - [website](#) (in Portugese)
- ECOFILAE, France - [website](#)
- IEM, Univ. Montpellier, France - [website](#)
- City community of 'Grand Narbonne' (about 130 000 eq-inhabitants), France - [website](#) (in French)
- Water and Wastewater Engineering group, Aalto University, Finland - [website](#)
- FCG, Finland - [website](#)

Informations/Site web : control4reuse.net

Résumé : Control4Reuse is aimed at research and develop technologies for managing water resources. The optimization of water treatment and reclamation systems has been integrated as a sustainable solution to improve the reuse of this valuable water resource. The focus is on the reuse of wastewater (WW) in specific agricultural and industrial sectors. From a technological point of view, the scope of the project is based on a system monitoring and control framework, with specific activities of monitoring and integrating sensor information/data, mathematical modeling of processes and designing advanced control strategies.

Structure du projet/WPs : cf. site web du projet

Axe(s)/Domaine(s) d'applications(s) du réseau/TRL : Projet technologique alimentant les problématiques de l'axe Filières/Reuse rurale et péri-urbaine/Projet à TRL faible : 2-3