

EVENT DESCRIPTION

RES-e Regions

« WP3 / Trainings »

Title: Visit of small hydro power plants in Switzerland

Date & location: 26th April, Lyon

Organiser: RhôneAlpénergie-Environnement

Short description:

This training was organised by the operator Mr. Galé and the laboratory MHylab. It was composed of some visits and some presentations. The aim was to encourage regional planners to develop small hydro power plants in Rhône-Alpes by following the Swiss example.

15 people participated to this working day. They were mostly from municipalities, engineering offices and water treatment companies.



Background:

During the last ten years, very few new hydro power plants have been installed in Rhône-Alpes. Many of the projects often meet administrative problems which slow down the procedures. Installing turbines on water distribution networks is a well-spread technology in Switzerland but hardly exists in France. Then, part of this day was dedicated to the hydraulic technologies which can be combined with waste water treatment units.

Programme:

Two plants were visited :

- a small hydro power plant using the water issued from a wastewater treatment plant (such installation do not exist in France)
- a brand new small hydro power plant on a mountain stream

Two presentations were made by Mr. Galé and Ms Choulot (Mhylab). The latter presented the existing technologies on water networks (turbines installed before

or after a waste water treatment unit, turbines on drinking water networks).



Remarks :

Mr. Galé has a wide experience of small hydro power plants in Switzerland. He gave many technical clues and “field” advices to the participants, which should really help them in their projects.

List of participants:

NOM	PRENOM	FONCTION	ORGANISME
DUFOUR	William		APM HYDRO
HAUMONT	Jean-Claude	Vice-Président	ATG Centre Est
MICHELLAND	Denis	Directeur Services Techniques	Mairie de Valloire
POURADIER DUTEIL	Stanislas	Directeur du Service Commercial	VEOLIA EAU
LALANDE	Marie	Directeur	VEOLIA EAU Centre Dauphiné-Savoie
CAILLET	Philippe	Technicien territorial	GRENOBLE ALPES METROPOLE
ZERU	Allelign	Ingénieur	GRENOBLE ALPES METROPOLE
SUCHEL	Thierry	Chargé de mission Enr	SIEL
GRAND	Jean-Louis	Maire	Mairie de Seez
SAVARIAUD	Claude	Chargé de mission	VEOLIA EAU Direction régionale Centre Est
TOUSSAINT		1er Adjoint	Mairie de Seez
PEILLON	Sylvain	Chargé d'études	A.T.EAU
SAMMIER	Karine	Chargée d'études	A.T.EAU
SALERNO	Alexandre	Chargé d'études	A.T.EAU
JACQUES	Dominique		RAEE
POIZE	Noémie		RAEE
CAZAL	Yorick		HYDROWATT