

Projet FP7 – SEMIAH



Nom du projet	Scalable Energy Management Infrastructure for Aggregation of Households – SEMIAH
Call	FP7-ICT-2013-11
Type de projet	e.g. Collaborative project (generic)
Rôle de la HES-SO	Participant
Chercheur impliqué	Pierre Roduit (HES-SO//VS)
Participants	Aarhus University (Denmark) – Coordinateur ; Develco Products AS (Denmark); Misurio AG (Switzerland); Netplus.CH SA (Switzerland); Universitetet i Agder (Norway); Fraunhofer – Gesellschaft zur Forderung der Angewandten Forschung E.V. (Germany); CSEM Centre Suisse d'Electronique et de microtechnique SA – Recherche et Développement (Switzerland) ; Haute Ecole Spécialisé de Suisse Occidentale (Switzerland) ; Devoteam Solutions AS (Norway); Agder Energi Nett AS (Norway); SEIC Service Electrique Intercommunal Electrique SA (Switzerland) ; Enalpin AG (Switzerland)
Budget global	5 378 477 euro / financement UE : 3 763 688 euro
Durée	36 mois, début le 01.03.2014
Résumé	A novel and open ICT infrastructure for the implementation of automated Demand Response in households will see the light of day. SEMIAH will develop a generic environment for the deployment and innovation of smart grid services in households. The SEMIAH concept will enable aggregation of all households connected to the system and will act through direct load control to remotely shift or curtail electrical loads according to users' flexibilities. Security and privacy functions will be integrated in all elements. Another essential cornerstone is development of new business models for electricity players and residential customers.
Lien	http://semiah.eu/