Fiche analytique – Mémoire de Master MUSE

A rendre au secrétariat lors de l'inscription à la soutenance du mémoire

* champs obligatoires

AUTEUR*	NOM : Scapin	PRENOM : Margherita	
TITRE MEMOIRE*	Exploring Socio-Technical Configurations of Energy Communities: Evaluation, Learnings from Swiss Case Studies.		
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COLLATION*	Nb de pages* 65	Nb de figures* 5	Nb de tableaux* 2
TERRAIN D'ETUDE OU D'APPLICATION	Socio-technical systems		
MOTS-CLES* (entre 5 et 10)	Energy communities ; social innovation ; socio-techical systems ; niche innovation ; energy transition ; theory of change ;		
RESUME* (max 1500 car)			
SUMMARY* (en anglais)	One of the major challenges for climate change governance worldwide is to shift from fossil-fuel based centralized energy systems to mass distribution of renewable decentralized energy systems bringing renewable energy technologies and thus on diverse energy configurations. The term "community energy" or "energy communities" describe collective structures or approaches to sustainable energy generation, consumption and conservation which are regarded as contiguous processes of technological, social and organizational innovation. Even though they are still framed as niche innovations, these configurations are now gaining traction with the introduction of legislative frameworks at EU and Swiss level and their mainstreaming seems strongly associated with ambitions for renewable energy sources. Therefore, the strategic and transformative potential of energy communities as a distinctive socio-technical system needs to be assessed. This master thesis aims to provide empirical evidence at which context transformation prevails in energy communities, such that technological and social innovation processes happen, and which drivers guide change in energy communities. After an extensive literature review, we use a non-standardized Theory of Change approach as an analytic lens that offers ways of understanding the experiences of four case studies of renewable (solar) energy communities in Switzerland. We		

	sought to understand what matters to energy communities to foster change and innovation for the energy transition in Switzerland, moving beyond quantitative data to identify the pathways of change activated by the different activities. We show findings that better links to policy and innovation to evidence-based knowledge
REMARQUES	