















— MODELING	3			
1 Energy/Mobility co- optimization	O O O O Multi-Fluid	3 3D Territories (decentralized, decatbonized; digitalized)	4 Energy Community	5 Rural Electrification
Assess business case of e- mobility offers considering both mobility and energy dimensions	Assess value of synergies in multi-fluid energy systems (Power2Heat; Power2Gas)	decarbonization energy scenarios for cities/territories thanks Link with Siradel 3D tool for visualization	Support new offer development in local energy community/P2P energy sharing.	 Arbitrage between mini-grid and grid reinforcements/extensions to electrify villages
6 New algorithms	Stochastic Optimization and Forecasting Multi-agent	 Assessment of business case of considering impact of forecast e Assessment of value sharing an interaction/market models on fle 	F DER applications rrors and uncertainty nong actors for different xibility services	
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Energy Community: codesign of the solution • Customer start expressing wishes and needs energy communities and show that many local initiatives are being launched «I make the most of the • Customer survey in Belgium show (very) positive energy I produce» reactions towards « sharing its energy » - Very favorable RES energy producer ready to share its energy - Favorable consummer, ready to become RES energy producers and share its energy appliances turn on whe the solar panels of my • Key reason to share its energy is to valorize its neighbors are producing investment, environnemental concerns comes in second energy» position but is important for few of them ENGIE developed since 2016 a Proof Of Concept in Belgium I MORETTI





