



	INTRODUCTION
	POLITICAL CONTEXT
 2030 Climate-Energy Package 40% reduction of Greenhouse Gases 27% of renewable energy 27% improvement in energy efficiency 	2039 20 % 20 % 20 % GHG RES EE 2050 40 % 27 % 27 % EE EE EE EE
 Energy Union (key reference framework for the Where we want to go: A secure, sustainable, competitive, afforde What this means: 5 pillars Energy security, solidarity and trust A fully integrated internal energy market Energy efficiency first Transition to a low-carbon society An Energy Union for Research, Innovation 	able energy for everyone Energy Union
 SET-Plan Integrated Roadmap Communication on Integrated SET-Plan (COM) 	AI2015163171















































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Cent)LOGI	CARTIF TOPICS
	GLOBAL LEADERSHIP IN RENEWABLES
LC	C-SC3-RES-5-2018: Increased performance of technologies for local heating and cooling solutions
Ś	Renewable, local energy sources have a great potential to drastically reduce the use of primary energy for both heating and cooling in <u>residential and commercial buildings</u> .
ě	Optimisation of the different components of a renewable heating and cooling system;
Š	Development of tools and systems to optimize the design and monitoring of the different components of a heating and cooling system;
2	Development of integrated control systems for the smart operation of a heating and cooling system
Ś	Innovation Challenge n. 7 ("Affordable Heating and Cooling of Buildings") of Mission Innovation
•	TRL: 5-7
•	Innovation action, €3-10 million













05/10/2017



