

IEA EBC Annex 75

Cost-Effective Building Renovation at District Level Combining Energy Efficiency & Renewables

13 countries are involved in the project: AT, BE, CH, CN, CZ, DK, ES, GE, IT, NL, NO, PT, SE

January 2018 – June 2022

Manuela Almeida (Operating Agent) University of Minho Portugal

> Technical webinar 11th June, 2021

Technology Collaboration Programme







2. Project Idea	EBC
However, there are also some challenges:	
 At the level of individual buildings, synergies between energy efficience measures and installation of renewable energy systems can be earbut, at district level such synergies are not necessarily available a on the existing heating systems and on the synchronization of the renovation cycles 	sily achieved s they depend
In this context, it is important to explore the potential of cost-effectiv interventions at district level to accelerate the necessary transition to emissions and low-energy districts	
Annex 75 project aims to make a comprehensive analysis that covers energy, economic and environmental issues, but also identify opport barriers in the relations between different stakeholders and in policie incentives for boosting energy renovations	unities and
Technology Collaboration Programme	4





EBC 5. Outputs **Technology Overview Report** The report presents an overview of the available technologies for energy EBC 🔊 renovation and renewable energy nology overview (EBC Ar supply at the district level, showing: uildings and Communities Technical and economic characteristics of the technology options, taking into account economies of scale Interdependencies, obstacles and success factors for combining the technology options Available potentials, and expected future developments https://annex75.iea-ebc.org/publications **Technology Collaboration Programme**

	Every in Buttings and Communities Programme
<section-header><section-header><text><text><text><text><text></text></text></text></text></text></section-header></section-header>	Image: Second
	cision makers in the evaluation of the efficiency, impacts ategies for renovating urban districts





5. Outputs



Identification of Success Stories and Case Studies













