

IAS-STS Conference 2014 Abstract

Special Session 1: Social justice and Diversity

Title: Reduction of Energy Poverty by Building Renovation under Tenants' Participation (RedEn!)

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It is often not possible to implement thermic refurbishment of buildings with households in danger of energy poverty, because induced energy savings are not sufficient to refinance the investments. As a consequence, the full energy and climate change policy potential of thermic refurbishment cannot be tapped. In cases where considerable refurbishments are implemented, the strained financial situation of households, in danger of energy poverty, can be aggravated. Therefore during this project different mentoring and consulting approaches will be investigated in order to test and evaluate the potential and limitations of community oriented work.

Cost efficient refurbishment packages for individual objects will be developed and a realistic estimate of cost-benefit impact for specific households will be carried out. These will build on detailed socio-economic evaluation regarding specific living and the life circumstances of households in danger of energy poverty. Results will be integrated in the information and community work on site involving not only the residents but also the owners of the buildings. Existing and possible alternative financial models and funding instruments, as well as essential regulatory frameworks will be analysed in a separate work package.

First results of the project regarding the living and housing conditions of households in danger of energy poverty will be presented.

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