



WHAT WILL BE THE IMPLICATIONS FOR ENERGY USE IN HISTORIC BUILDINGS IN EUROPE IN THE FUTURE?

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ABSTRACT: Most historic buildings have some kind of climate control; heating, ventilation etc. In these buildings climate change may not have a major effect on the indoor climate. However it will have an effect on the energy demand for climate control and on future investments for equipment. The energy demand and cost may increase or decrease.

The presentation will address two questions:

- How is energy use in historic buildings affected by climate change?
- What can we do about it?

The first part will be presentation of trends and patterns in the future outdoor climate that will have an effect on energy demand, for heating, cooling and humidity control. The second part will be a presentation and discussion of results from building simulations showing the future indoor climate and energy demand in historic buildings both in the form of European maps. The third part will present and discuss energy efficient approaches for indoor climate control in historic buildings that have been developed and/or evaluated in the project [from selected case studies](#). Finally some general recommendations are given regarding climate change adaption with respect to energy use.