

## Abstract

### Complex approach for energy handling of old buildings in historic towns

The traditional energy care of the old buildings provoke irreversible danger. This method rather causes rebuilding instead of restoration of the building. The final goal is to give better living conditions and maintain the original values as well. The energy saving and the insulation programs refer to the property and not to the whole building or to a certain part of the settlement.

The energy saving programs endanger the historic values on settlement level. The values, neighbouring properties, street or the complex appearance of the historic area are not respected by the separated programs at the same time.

Permanent confrontation is available between the protection of the historic values and the energy saving programs. The latter program is a hot one nowadays. Eventually more important other aspects are in the shadow.

A research was made in Budapest to give new aspects for programming the renewal of the old part of the cities. The fundamental aspect was the maintenance of the historic value. In parallel with this the energy renewing program consider the whole building and not only a part of it.

In general the complex aspect is available only when a new investor by the attic. With new levels, with new flat terraces they want to build new living areas on the top of the house. The new terraces radically change the old urban landscape, the historic area lost its traditional roof land. This new tendency elementary endangering the popular historic settlements. All the stakeholders need new harmonization of the cooperation for the future of the historic settlements.

Gergely Nagy  
architect