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Knowledge Base

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MORECO

Mobility and residential costs

KEYWORDS:

- ☐ Building culture
- ☐ Construction
- ☐ Closed loops
- ☐ Governance
- ☑ Planning Tools
- ☐ Ecology
- ☐ Energy efficiency
- ☑ Indicators
- ☑ Mobility
- ☐ Technology transfer

TARGET GROUP:

- ☐ Architects
- ☐ Builders
- ☑ Citizens
- ☐ Craftsmen
- ☐ Home Owners
- ☑ Planners
- ☑ Politicians
- ☑ Policy Makers

Results and outcomes (use cases):

- Web-based household-costs-calculator:

  Increased awareness of citizens for mobility and residential costs at different living locations.

- Mobility- and settlement-cost-calculator:

  Better evaluation of different residential locations forming a better decision basis for spatial planners assigning settlement areas.

- Presentations, information material and brochures:

  Increased awareness of policy makers for consequences resulting from relocations, mainly regarding residential and mobility costs.

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Description:

Moreco is an Alpine Space project to which 9 project partners from 5 EU countries in the Alpine Space contributed from 2011 till 2014.

Tasks within the project were:

- collection of best practice cost calculators (mobility, building land, etc.)
- report about travel behavior
- SWOT analysis of 5 pilot sites
- development and implementation of cost calculators for spatial planners, private households, and political decision makers.

The usage of the results is for free and does not result in legal obligations so far.

Relevance for inter-municipal planning (AlpBC):

- Encouraging of inter-municipal and cross-sector cooperation:
  - o Cost calculation for a neighborhood of communities.
  - o Assisting the acknowledgement of economic and ecologic aspects during building land assignments.
  - o Combining the estimation of mobility and living costs for the assessment of residential locations.
- As the cost aspect, which is in the focus of the project, is directly connected to energy costs, a bridge between spatial and energy planning can be built. This is because spatial planners can use the tools and results to estimate upcoming long-term costs, when assigning new residential locations. This is mainly a spatial planning task but takes into consideration energy costs for mobility purposes.
- Indicators for settlement assessment and urban sprawl supporting sustainable spatial planning through awareness creation on long-term consequences.
- Suggestion to decrease the distance between habitation and infrastructure to fulfill daily needs fostering ideas of traditional settlement structures including an element of traditional building culture in the spatial planning process.

Relevance for policy goals (Alpine Space, Europe and the region):

- Awareness of interconnections between locations of infrastructure, necessary mobility and adjacent mobility ergo energy costs can contribute to decrease mobility and therefore also decrease energy demand making the Alpine Space a more sustainable and also healthier place.
- By creating awareness through hands-on tools which give individual answers the potential impact is high and creates a chance to get lots of people and planners involved to contribute to the goal towards less energy consumption by cutting down mobility expenditures through shortening their daily way lengths.

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