

MORECO

Mobility and Residential Costs - smart locations for better liveability

- AS priority area: Accessibility and Connectivity
- Duration: 01/07/2011 - 30/06/2014
- [Project webpage](#)
- [Project on the website of the Alpine Space Programme](#)

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Project summary

“Insufficient accessibility to public transport services is one of the results of urban sprawl arising out of the dynamic settlement development in the hinterland of Alpine cities. This forces people to motorised private transport which causes environmental pollution, traffic congestion, high follow-up costs for infrastructure, high individual mobility costs and high time expenditure for commuting and daily supply. MORECO actively supports a sustainable, resource-friendly settlement development which follows supply facilities and public transport axes. For this purpose it combines planning measures and spatial policies with activities of transport providers and mobility actors. In addition a bottom up approach involves house hunting households and residential construction actors who have direct influence on the property market. Innovative tools, ensuring reliable information and high transparency of long-term MObility + REsidential COsts, support the actors in their decision-making processes.” Source: [Moreco project summary](#)

Hypotheses

- Urban development and increasing land take pose a risk
- Rural-urban partnership requires vital networks and processes
- Changes in energy sector requires more energy efficiency and causes land use changes
- Cross-sectoral and integrated approaches are needed to slow down impacts in rural areas

Keywords

- Accessibility
- Territorial development
- ICT
- Integrated mobility planning
- governance
- peri-urban development

Topics

- peri-alpine relationship
- Balanced accessibility
- Safe development of energy resources
- Reducing environmental damage

| Pilot region | Country |
|---|----------------|
| City of Salzburg and District Salzburg Umgebung | AT |
| City of Munich and Munich Transport and Tariff Association Area | DE |
| Alpine Corridor - Genève-Valence | F |
| Union of Mountain Municipalities of Pinerolese Area (Piedmont) | IT |
| City of Mantova and Mantova Hinterland | IT |
| Val Belluna and Val Boite e Ciento Cadore | IT |
| Urban Municipality of Novo Mesto and Jugovzhodna Slovenija Statistical Region | SI |

Results

Results of a project can be differentiated in **outputs**, **outcomes** and **impacts** of an intervention.
Source: [OECD Glossary of Key Terms in Evaluation and Results Based Management](#).

| Output | Output category | Language(s) | Target group | Remark |
|--|-----------------|-------------|--|---|
| SWOT Analysis: Settlement and Mobility | Study, Data | EN | Decision makers, Civil servants/administration, Planners | The document describes the results of a SWOT analysis of pilot regions. It gives an overview of the spatial location, dependent strengths, weaknesses, opportunities and threats of each pilot site. The mentioned aspects are categorised by the topics demographic development, settlement development, infrastructure and traffic and mobility. Common challenges concerning the settlement structure and the mobility situation of the pilot sites are high residential costs (especially in the city centres), unsustainable mobility behaviour of the population (especially in the peripheral and suburban areas), car-oriented attitudes of the upcoming elderly generation and decentralised settlement structure. |

| Output | Output category | Language(s) | Target group | Remark |
|--|---------------------|-------------|--|--|
| SWOT Analysis: Laws and Policies | Study, Data | EN | Decision makers, Civil servants/administration, Planners, Scientists | This analysis shows an overview of the regulative background in the Alpine Space programme cooperation area based on pilot sites questionnaire analysis results. The overview is structured in the chapters 1) National, regional and local laws and regulations on settlement development, 2) National, regional and local laws and regulations on transportation (mobility and accessibility), 3) Sustainable urban mobility plans and 4) Spatial plans. The SWOT analyses shows that there is a wide variety of framework conditions in the different pilot sites. This means that there is also a wide range of problems which need to be solved in each pilot site. |
| Factsheets – Overview of pilot sites | Study, Data | EN | Civil servants/administration, Planners, Scientists, Project stakeholders, JTS | It gives a short and graphical overview of each MORECO pilot site. |
| Motivation of Residential Site and Mobility Mode Decisions | Theory, Study, Data | EN | Civil servants/administration, Planners, Scientists, Project stakeholders | Moreco also deals with the relationship between location decisions and mobility. This document gives an overview of motivation as well as on elements of mobility and site decision making processes which motivate household and other stakeholder's choice of housing location and mode of transport. |

| Output | Output category | Language(s) | Target group | Remark |
|--|-------------------|-------------|--|--|
| Good Practice Collection of Integrated Planning Approaches | Best practice | EN | Decision makers, Civil servants/administration, Planners | Moreco focuses on effective planning approaches which combine especially settlement and transport development and/or mobility aspects. Two areas: Integrative (planning and mobility) practice + Decision making practice. |
| Good Practice Collection of Tools | Best practice | EN | Decision makers, Civil servants/administration, Planners | The document analyses specific tools, implementation of these tools in existing governance and tool's effects for better governance. It contains some international, already implemented tools which serve as examples for the technical development of the MORECO tools for private households as well as for planners and decision makers. |
| Winter School Report | Conference report | EN | Decision makers, Civil servants/administration, Planners, Scientists | Presents proceedings of the winter school and the results of the world café sessions. "The purpose of the event was to receive expert input, learn about good and bad practices, exchange ideas, establish networks, as well as enable creative exchange on possible tools and measures to reach the MORECO targets." |

| Output | Output category | Language(s) | Target group | Remark |
|--|-----------------------|-------------|--|---|
| Conference Report – Impacts on Urban Development Costs | Conference report | EN | Decision makers, Civil servants/administration, Planners, Scientists | Resumes the results of the conference “The impact of residential choices and commuter mobility on urban development costs for local authorities”. The conference was organised and hosted by the Rhône-Alpes Region with the support of the UrbaCube network of urban-planning agencies. The main text refers to the salient points of the conference, and boxes provide further reading. |
| Methodology | Intermediate, Methods | EN | Project stakeholders (intern), JTS | Details on project objectives, the overall methodology, target groups, governance approach and expected results. |
| Ex-ante Evaluation, Action Plans | Intermediate, Methods | EN | Project stakeholders (intern), JTS | The foreseen pilot activities have been evaluated during autumn 2012 in order to ensure close reference to methodology. The MORECO Action plan defines the implementation and experimentation of the MORECO methodology by the project partners (PP) within seven MORECO pilot sites. |

| Output | Output category | Language(s) | Target group | Remark |
|--|----------------------------|--------------------|--|---|
| Tools for households | Tool framework, Guidelines | EN | Civil servants / administration, Planners, Scientists, Civil society | The general aim of the calculation tool for private households is to give an overview about the mobility and residential costs for an inhabitant of the Alpine Space region per month referring on the individual residential site decision. The biggest part of the tool concentrates on the calculation of the mobility costs of a household divided into car costs and the costs for the public transport means. The tool should be available for everybody in the Alpine Space region |
| Tools for households | Tool | EN, DE, FR, IT, SI | Civil servants/administration, Planners, Civil society/citizens | Based on the common framework, the tools were developed locally in the pilot areas. There is also a more general tool. General tool, Salzburg(AT), Munich(D), Kaiserslautern(D), Novomesto(SI), Alpine Corridor(F,CH), Belluno(IT) |
| Tools for Planners and Mobility Actors: Framework, Guideline | Tool framework, Guidelines | EN | Civil servants / administration, Planners | The main purpose of the tools is to support a sustainable settlement development, with a focus on mobility costs, mobility behaviour, or in more general on mobility aspects. For the tool development geographical information systems, models, spatial indicators and geospatial data are used in order to create a decision support device. |

| Output | Output category | Language(s) | Target group | Remark |
|---|--|--------------------|---|---|
| Tools for Planners and Mobility Actors: Regional Analysis, Maps | Tool framework, Tool, Data, Map | IT, FR, EN | Civil servants / administration, Planners | The aim is to show how indicators and information techniques can help to describe a region from an interdisciplinary point of view, to derive core indicators for further characterisation and to support a sustainable regional development. |
| Tools for Planners and Mobility Actors: Settlement Assessment | Tool framework, Tool, Data | DE, FR, SI, IT | Civil servants / administration, Planners | Tool helps to analyse settlement areas with regard to their suitability as residential locations and to support residential location decisions. Another focus of this part is to assess settlement areas regarding their induction of mobility costs. |
| Tools for Planners and Mobility Actors: Mobility Planning | Tool framework, Tool, Data | IT, FR, EN | Civil servants / administration, Planners, Scientists | Tool deals with accessibility analysis of settlement areas. It provides guidance with maps, diagraphs, interpretational texts, case studies. |
| Policy-Maker tool: Framework, Guideline, Slide pool | Tool framework, Guidelines, Tool | EN, DE, FR, IT, SI | Decision makers, Civil servants/administration | The "Consultancy and Training Tool for Political Decision Making Processes" is designed as a slide pool, to be used by policy makers themselves or by experts and trainers in workshops, trainings, lessons and seminars. Slide pool accessible in results section, under topic 'Practical Tool Implementations'. Example: Instructions (english version) |

| Output | Output category | Language(s) | Target group | Remark |
|---|-------------------------------------|--------------------|--|--|
| Policy-Maker tool (Annex): Analysis of Spatial and Transport Planning Decision Making Processes | Study, Data, Report | EN | Decision makers, Civil servants / administration, Planners, Scientists | The document presents concise case studies of each country, including information about existing planning and transport public policy systems. Summary tables are provided at the end of each section to facilitate comparisons at the Alpine level. |
| Press and Illustrative Material | Public relation | EN, DE, FR, IT, SI | Decision-makers, Civil servants/administration, Planners, Civil society/citizens | To reach the highest number of interested targets, the partners realized and diffused magazines, videos, comics, leaflets, activities in schools and many other dissemination materials. Example: Comics |
| Final report: Ex-Post Evaluation of Pilot Activities | Report | EN | Decision-makers, Civil servants/administration, Planners, Scientists, Project stakeholders (intern), JTS | The final report analyses and assesses the relevance, the impact and the sustainability of all pilot activities carried out in five Alpine space countries, aiming at drawing lessons and giving recommendations for similar projects in the future. |

| Output | Output category | Language(s) | Target group | Remark |
|---|--------------------------------------|-------------------|--|--|
| MORECO White Book and Declaration | Strategy, Guidelines | EN, D, FR, IT, SL | Policy-makers, civil servants/administration, Planners | The MORECO White Book presents a transferable governance strategy, and shall serve as a guideline for policy makers, spatial planners, housing and transport stakeholders. It is based on the MORECO project outcomes and their evaluation. It contains all transferable outputs and acknowledgements of the project, including recommendations and tool description for experts and technicians. Examples: Governance observations (EN) , Lessons learnt (EN) , MORECO Common Declaration |

Résumé of project outputs

Results which are directly or indirectly suitable or applicable for practitioners / politicians and civil servants / administration

The project with its different dissemination outputs had a strong operational perspective. "Pilot actions were used to stimulate awareness and discussions regarding urban sprawl and dynamic settlement developments in the hinterland of Alpine cities amongst regional stakeholders and to lead towards concrete activities." (Final report, p. 7). Pilot actions of the project are defined as measures that aim at introducing MORECO outputs into pilot region governance strategies, depending on the specific challenges. An important aim is as well to spread project output, acquired knowledge and information across the AS space and beyond. The most re-usable and transferable outputs are the **good practice collections of tools**, the **specific tools for each target group**, and the white paper which is a **transferable governance strategy** presented as guideline for policy makers. It contains all outputs, with recommendations and implementation description for technicians.

Settlement and transport planning:

- Good Practice Collection of Integrated Planning Approaches
- Guideline and framework: Tools for Planners and Mobility Actors
- A) Regional analysis tools, Maps
- B) Settlement assessment tool
- C) Mobility planning tool
- Guideline and framework: Policy-Maker tool, slide pool
- White Book and Declaration

Inducing behaviorial change:

- Good Practice Collection of Tools
- Guideline and framework: Tools for Households
- Tools for Households

Which kinds of stakeholders have been involved, how have their competences been used in the project and are there options for a better implementation?

Three types of stakeholders have been involved, specifically in the 7 pilot regions: Households (Households, commuters, web-users, associations of inhabitants, key players in the local communities, residential construction companies, banks, private firms), Planners and mobility actors (Spatial planners, transport experts and transport providers, journalists, scientists, NGO) and Policy makers (Mayors, local or regional decision makers, transport authorities, policy makers on regional, national or European level). Throughout the project, the stakeholders of the pilot regions have been mainly used as target groups for whom the pilot actions and project outputs have been developed. A wider range of scientists, planners and practioners have especially been used for expert inputs at the winter school and the conference in Lyon. The competences of regional and local mobility actors have been used to adapt the pilot actions to the specific local contexts. Competences of decision-makers and of households have been used less.

Are the results (tool, method, indicator, recommendation) directly or indirectly addressing the strategic objectives for the Alpine Space?

Yes, as the tools adress the integration of urban and transport development, but also equity in access to services across the Alps. Globally, Moreco aims at supporting a sustainable, resource-friendly settlement development, around central supply facilities and along public transport axes. It contributes to the aim of a balanced territorial development to make the Alpine Space (AS) an attractive place to live, work and invest.

“MORECO will improve the accessibility of Alpine Space areas by integrating mobility plans into planning actions and fostering the public transport. This leads to a decrease in the use of private cars, to a reduction of traffic, congestion and pollution, to an improvement of the accessibility to services, and to a better connectivity within cities, with their hinterland and among cities. All these actions will result in a better quality of life, which will benefit from a rational planning. It directly influences climate change by avoiding future private motorised traffic, secures access and the use of existing infrastructures and reinforces polycentric territorial patterns.” (methodology, p.20).

The outputs try to contribute to a strong balance between territorial and mobility planning. More specifically, the developed tools aim to influence directly (tools to integrate spatial planning and transport planning) and indirectly (information, awareness-raising, influencing actor decisions and cooperation) on AS objectives.

Direct influence:

- Good Practice Collection of Integrated Planning Approaches
- Good Practice Collection of Tools
- White Book and Declaration

Indirect influence:

- Guideline and framework: Tools for Planners and Mobility Actors
- A) Regional analysis tools, Maps
- B) Settlement assessment tool

- C) Mobility planning tool
- Guideline and framework: Policy-Maker tool, slide pool
- Guideline and framework: Tools for Households
- Tools for Households

What could be long-term outcomes of this project? If none, why low impact? Why high impact? What is needed to achieve outcomes in the long-run?

In general, project outputs enhanced the knowledge base for mobility and residential cost issues by spreading information and experiences among all stakeholders.

For the pilot regions, long-term outcomes of the project could be an **increased awareness** of all stakeholders, from decision-makers to practitioners, for sustainable settlement development, which is based on integrated transport and spatial planning. More directly, tools and methods could be introduced into spatial strategies and governance processes.

For the civil society and households, **awareness** on mobility costs, accessibility of public services and location alternatives might influence location preferences, residential location choice and thus mobility and migration behaviour. In this way, moreco might contribute to a sustainable settlement development both from a bottom-up and top-down perspective.

However, project outputs should be considered as experimental case studies in the pilot regions, even if tools are already operational. To achieve long-term outcomes, the project states that the applied methods should be leveraged by **new actions** in the pilot regions in the future, and potentially beyond (see also the white paper: lessons learnt).

Outcomes and Impacts

Unlike project outputs, outcomes and results cannot be described in a standardised way. Therefore, they are listed as free text:

Achievements that could be further implemented

The SWOTTOOL can be implemented in all Alpine regions to identify the challenges connected to demographic change. A translation of the pilot activities and the possibility to contact a person in case more information is needed would ease the implementation of pilot activities in other regions as well as free access to all documents named in the pilot activities database.

Remaining gaps

Besides the “Short regional report book with summary” for each of the ten pilot regions only for the three pilot regions in Austria and Germany more detailed versions of the analysis are available. The short regional reports are an output of the WP4, which was dedicated only to the analysis of demographic change. The further work in the pilot regions is not documented in form of reports, but only in the pilot action database. These descriptions are quite short and documents, which are connected to a pilot activity are just named, but not available (e.g.: pilot activity “More Mobility, local supply and social integration for elderly people”: a questionnaire is named, but not available: Ankündigung DT Seniorenerhebung Fragebogen.dox, Annuncio IT Seniorenerhebung Fragebogen.dox, Seniorenerhebung Fragebogen Version 9 DE.dox, Seniorenerhebung Fragebogen Version 9 IT.dox)

Emerging contradictions

none

Accessibility of project results

- Demochange outputs on the official website of the project
- Demochange outputs on the website of the Alpine Space Programme

territorial development, urban development, peri-urban development, accessibility, governance, integrated mobility learning, information and communications technology]

Synergies

- Internal and external costs of living and commuting
- Sustainable settlement development
- Regional analyses
- Toolbox for analysing mobility, settlement patterns and service provision

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