

Limits of adaptation measures (Exercise VII)

This exercise aims at identifying and understanding the factors that limit adaptation measures, mitigation potential and capitalization of benefits and their inter-linkages.

Our chosen adaptation measure is improving access of inhabitants to jobs and services by public transport and non-motorized modes in Tallinn-Rapla railway corridor.

<p>Co-benefits:</p> <ol style="list-style-type: none"> 1. Less air pollution 2. Less noise 3. Less dependency on fossil fuels 4. Better public health 5. Smaller direct and external costs – private and public costs decrease 6. Less impact on climate 7. Better road traffic safety 	<p>Possible conflicts of interests:</p> <ol style="list-style-type: none"> 1. Conflicts of interests with private land owners 2. Motorbike, moped, ATV drivers want to use the cycle paths 3. Fuel companies get less profit 4. Road design and construction companies – four-lane highway from Tallinn to Rapla will not be built.
<p>Facilitating factors to implementation:</p> <ol style="list-style-type: none"> 1. Increasing fuel price 2. EU policies 3. Increasing public awareness (healthy lifestyle) 4. Cooperation projects between local governments 5. Existence of railway and settlement in the railway corridor, habit of using trains 6. Ongoing public procurement of new trains 7. Flat land 8. Commuting migration (jobs are situated in centres) 	<p>Barriers to implementation:</p> <ol style="list-style-type: none"> 1. Poor condition of railway infrastructure (line and stops) 2. Relatively small number of inhabitants, sparse population 3. Integrated planning of settlements and transport has been missing in the last 20 years (in building new settlements) 4. Climate 5. Low awareness and capacity of planners and decision-makers 6. Local commerce and services have moved from central areas to fringe areas 7. Traffic culture and safety do not promote cycling 8. Missing parking lots for bikes 9. Principles and decisions by state on long-term financing of public transport and cycling are missing

Concrete steps to overcoming barriers / realizing chances:

1. Development of the thematic plan for cycle paths and pedestrian roads
2. Public transport optimization
3. Updating the railway and passenger transport system (infrastructure, common ticket system, etc.)
4. Equal treatment of different transport modes by tax policy
5. Review of comprehensive plans – specifying the task of local governments in law (influencing the settlement patterns and objects of significant spatial impact)
6. Mobility management implementation in institutions and enterprises and awareness raising, incl. in media