

## APPENDIX C

### Växjö Transportation Master Plan – Summary of Strategies

## Summary

The transportation challenges facing Växjö are mainly as follows:

- Enabling growth within the city while maintaining accessibility and the qualities of the urban environment.
- Reducing emissions of greenhouse gases, other pollutants, and noise caused by traffic.
- Increasing the health, security and road safety of residents.
- Improving the cost-effectiveness of investments and operations within infrastructure and transport.

The proposed solutions are aimed at creating a more efficient and sustainable transport system. More people and freight are to be transported in the same available area, and car traffic is too space-intensive and causes traffic disruption. By enabling those who can switch to more efficient

modes of transport to do so, capacity is freed up to cater to those who cannot make the switch and rely on private car use. To accomplish this, the chosen measures should be focused on:

- Reducing the need for travel and transport.
- Transferring trips from private car use to walking, cycling and public transport where alternatives exist.
- Streamlining the remaining car and freight traffic.
- Promoting safer traffic behaviors among road users.
- Transitioning to lower impact vehicles and fuels.

The strategies are laid out in the summary table below. Beneath each strategy area, measures and division of responsibilities are presented in greater detail.

Strategy area	Strategies
<b>Sustainable vehicle traffic</b>	
Localization	<ul style="list-style-type: none"> <li>• Locate residential and commercial areas in a manner that reduces travel needs and increases accessibility for pedestrians, cyclists and public transport.</li> <li>• Increase the number of residents with access to basic amenities (food shopping, preschools and schools) within walking distance.</li> </ul>
Roads and parking facilities	<ul style="list-style-type: none"> <li>• Prioritize walking, cycling and public transport above private car traffic.</li> <li>• Be restrictive in regards to measures that increase the advantages and relative accessibility of private car use compared to walking, cycling and public transport.</li> <li>• Increase road traffic safety through lowering the speed and flow of traffic on roads where unprotected road users and motor vehicles converge.</li> </ul>
Freight transport	<ul style="list-style-type: none"> <li>• Opt for fossil fuel-free and energy efficient freight transport.</li> </ul>
Electric vehicles	<ul style="list-style-type: none"> <li>• Make the use of electric vehicles easier and more convenient.</li> <li>• Increase the share of electric vehicles in Växjö.</li> </ul>

Cycling	
Improve and develop bicycle infrastructure	<ul style="list-style-type: none"> <li>• Develop the bicycle infrastructure network in order to offer shorter, more comfortable and safer roads in both new and existing areas of the city.</li> <li>• Make it faster and easier to ride on the main bike paths while reducing the risk of traffic injuries. The main focus is to reduce the number of stops/barriers for cyclists.</li> <li>• Provide safe and accessible bicycle parking facilities.</li> </ul>
Operation and maintenance of bicycle infrastructure	<ul style="list-style-type: none"> <li>• Maintain cycle paths in a condition that makes it fast, easy, convenient and safe to cycle in the City of Växjö.</li> <li>• Increase cycling in winter.</li> <li>• Reduce single-vehicle accidents caused by shoddy maintenance.</li> </ul>
Information	<ul style="list-style-type: none"> <li>• Develop bicycle culture in Växjö so that cycling is associated with more positive characteristics (hip, normal, beautiful, etc.).</li> <li>• Develop information channels capable of easily guiding cyclists to important destinations.</li> <li>• Involve bike enthusiasts, associations and etc. in the development of cycling.</li> </ul>
Walking	
Develop and improve pedestrian paths and walkways	<ul style="list-style-type: none"> <li>• Develop the pedestrian walkway network in order to offer shorter, more attractive, more comfortable, safer and more accessible roads.</li> <li>• Focus the improvement of walkways on the four urban centers and important destinations in the city.</li> </ul>
Operation and maintenance of pedestrian paths and walkways	<ul style="list-style-type: none"> <li>• Maintain the walkways so that they continue to be comfortable and safe.</li> <li>• Reduce solitary accidents involving pedestrians caused by shoddy operation and maintenance.</li> </ul>
Developed public transport	
Traffic planning and accessibility	<ul style="list-style-type: none"> <li>• Reduce travel time by public transport compared to private car use.</li> <li>• Further develop the competitive advantage in using the travel time to perform tasks besides driving.</li> <li>• Make it easier to use public transport through improved frequency and precision.</li> <li>• Increase the accuracy and transfer opportunities within the public transport system.</li> <li>• Focus on developing the main regional commuter lines, lowering longer distance trips within the city and linking the city's four centers.</li> </ul>
Transit points	<ul style="list-style-type: none"> <li>• More stops should have weather protection, be accessible and be equipped with lockable bicycle parking.</li> <li>• Make it easier to get to the stations and stops all year round.</li> </ul>
Operation and quality	<ul style="list-style-type: none"> <li>• Increase collaboration between the Municipality, regional traffic authorities and contractors in order to provide travelers with a positive experience with personnel, vehicles, stops, and technical systems.</li> <li>• Further develop buses to be quieter and more energy efficient.</li> </ul>
Mobility management	
IT	<ul style="list-style-type: none"> <li>• Motivate more people to use IT-services in order to replace travel.</li> </ul>
Mobility management	<ul style="list-style-type: none"> <li>• Influence the choice of transport mode and create a safer traffic behavior through information, offers and dialogue.</li> <li>• Provide information on relevant public transport options, tailor to specific target groups, search for collaborations and try to attract motorists.</li> </ul>