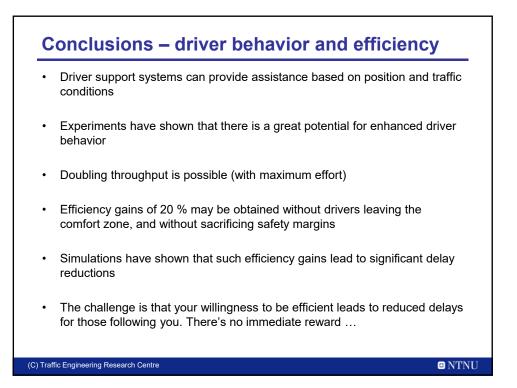
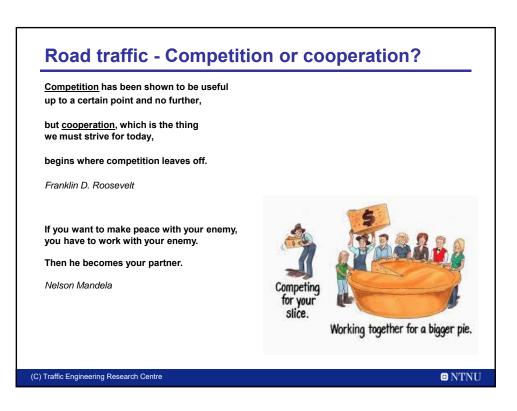
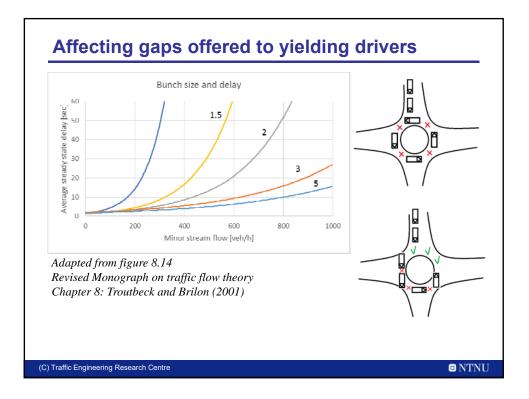


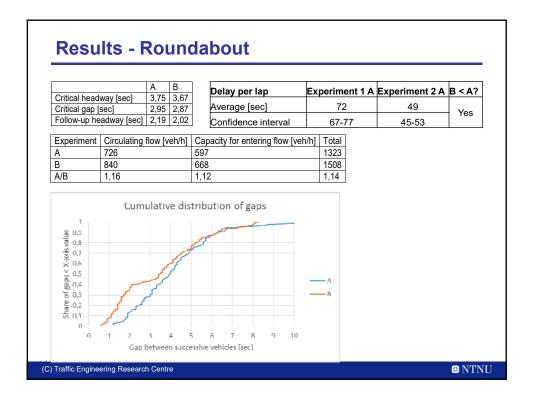
Traffic flow at bottlened	:ks
In the active bottleneck:	Upstream intersections with Downstream Flow Restrictions:
<ul><li>Driver attention</li><li>Increase capacity</li><li>Minimize lost time</li></ul>	<ul> <li>Distribute priority</li> <li>Minimize delays for those not heading for the bottleneck</li> </ul>
<ul> <li>20-30 % capacity increase is feasible, just from driver</li> </ul>	<ul> <li>Minimize stress and aggression</li> </ul>
<ul><li>behavior</li><li>Use driver assistance</li></ul>	<ul> <li>Green time is not optimal for distributing priority in DFR conditions!</li> </ul>
system?	
(C) Traffic Engineering Research Centre	🛚 NTNU

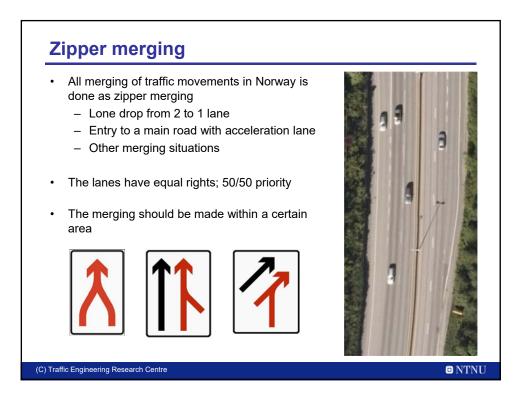






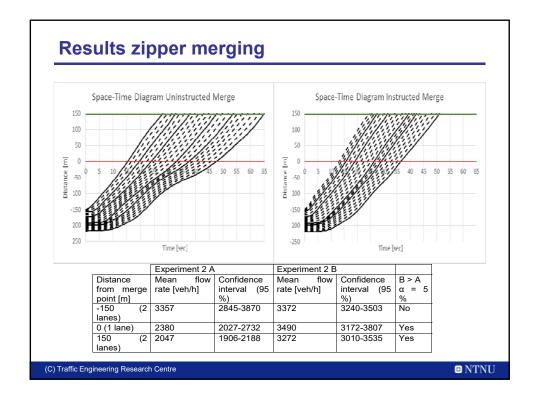












Conclusions	
<ul> <li>Cooperation in traffic seems to</li> <li>Lead to more favorable gap distributions</li> <li>Slightly reduce critical gap and follow-up headway</li> <li>Increase capacity</li> <li>Reduce delays</li> </ul>	
Observed effects: • Capacity increases of 20-30 % were obtained without sacrificing safe	∍ty
• Drivers tend to understand the instructions given to them, and they a capable of turning advice into behavior change	ire also
• By cooperating, instead of competing, "everybody" wins	
• The challenge is that <u>your</u> willingness to cooperate leads to reduced for those following you. There's no immediate reward	delays
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