

Table 41. Driver training programs.

Initiative 40: Driver Training Programs	
<p>Description: Programs to improve deliveries by altering driver behaviors and enhancing driver competencies. Drivers' attitudes and behaviors can directly affect delivery efficiency, energy consumption, environmental impacts and the safety of all road users. Driver training programs vary according to their specific goals, which may include noise reduction, energy efficiency, or economic driving (also known as eco-driving, which is more environmentally friendly and fuel efficient). Training can include presentations, vehicle checks, driving assessment, driver debriefs, demo drives, and knowledge tests. On completion, participants receive written assessments and certificates.</p>	
<p>Targeted mode: All traffic</p>	<p>Geographic scope: Nation, area</p>
<p>Type of initiative: Logistical management: last-mile delivery practices/driver training programs</p>	<p>Primary objective: Improve efficiency</p>
<p>Expected costs and level of effort to implement: Driver training programs require coordination of public and private sectors; they should have clearly defined goals, professionally trained instructors, well-organized training materials, and a carefully planned certification program. The costs are those associated with developing training sessions, and with the intelligent transportation systems (ITS) required to monitor driver behavior (on-board, on the road).</p>	
<p>Advantages:</p> <ul style="list-style-type: none"> • Increase efficiency • Reduce vehicle-miles traveled • Improve load factors • Environmental sustainability • Reduce fuel consumption • Enhance safety 	<p>Disadvantages:</p> <ul style="list-style-type: none"> • Require moderate capital investments <ul style="list-style-type: none"> - May require additional systems to be installed on vehicles or on the road network • Require moderate coordination among multiple stakeholders/jurisdictions
<p>Typical example:</p> <ul style="list-style-type: none"> • Safe and Fuel Efficient Driving (SAFED) training program implemented in Bristol, United Kingdom, as part of the management of operations to reduce mileage and increase load factors (Department for Transport 2007) • FREILOT Eco-Driving program, European Union (FREILOT 2010) 	
	
<p>Sources: FREILOT 2010; Yushimito et al. 2013</p>	
<p>Related alternatives: 1. Low Noise Delivery Programs/Regulations; 2. Certification Programs; 3. Anti-Idling Programs</p>	
<p>References: Department for Transport 2007; C-LIEGE 2010; FREILOT 2010; Goevaers 2011; American Transportation Research Institute 2014</p>	