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**A research project to
develop sustainable
commercial transport in
urban areas**

Project partners:



Public Roads Administration



Rogaland County Council



SINTEF (R&D-partner)



Technology for a better society

www.sintef.no/GAZ

Objective

To develop a system that will help the planning and accomplishment of more energy efficient and environmental friendly freight transport in green zones, by the intelligent employment of existing technological building blocks and pricing measures

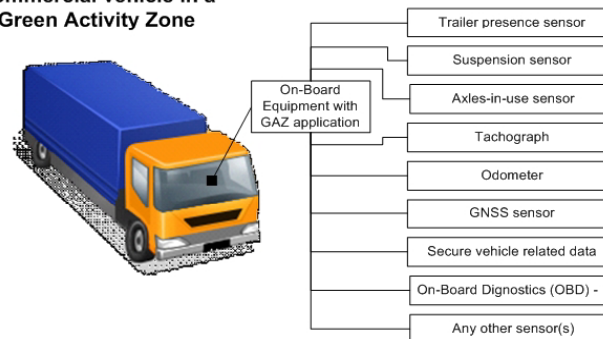


The basic idea is that charging for driving within a green zone is to be based on the vehicle's real activity inside the zone. This principle is already known from several road pricing concepts based on distance-based charging. However, in GAZ the idea is that the amount to be charged is computed as a function of continuous measurements of emissions from the vehicle

Sub objectives

- Contribute to a more fair distribution of costs to commercial traffic
- Contribute to a more optimal usage of commercial vehicles
- Consciousness-raising of environmental friendly solutions
- Describe the incitements such a system can offer and how these incitements can lead to a win-win situation
- Provide increased knowledge about technological solutions and computation methods
- To improve statistics on freight transport in urban areas
- Improve the knowledge and competitive ability of Norwegian suppliers of ITS equipment

Commercial vehicle in a Green Activity Zone



Expected results

- State-of-the-art for the technology and formulas for the calculations of charges
- Development of a new application (GAZ application)
- Development of a GAZ application guide enabling the drivers, transport service users and transport planners to implement and benefit from the GAZ application
- Demonstration of the GAZ application
- Dissemination of the results via workshops, scientific publications and teaching and training material
- Participation in networks for similar activities

