

Electric busses in residential areas



New shuttle service and highway to Göteborg

Traveling time same as other suburbs in Göteborg

The Ale Shuttle provides 15 minutes traffic

Expected fast growth of the population in Ale

Expected new residential areas

The vision is to provide public transport connected to the shuttle service

- At the same time as the new residential areas is planned**
- Should be possible to move to Ale without your own car**



The Project

Ale Kommun decided to implement feeder traffic from residential area
Shorter routes to the shuttle service

Early tests with diesel busses and hybrid busses was rejected

The only option was feeder traffic with electric busses

Project partners

Ale kommun, BK Invest, Ale Elförening, ETC AB
Energimyndigheten gives financial support
Ale orders the traffic from Västtrafik
Nobina operates the busses

Evaluation

Traveler, Residents, Drivers
Operating costs, service needs
Different time tables and routes





ALE





Driving distance 80 km per day
Energy consumption 70 kWh per day

Optare Leeds GB

BK Invest imports to
Sweden

Ale Kommun lease the bus
Operation and service
agreement

Low floor, 9 meter
22 seats 20 standing
Wheel chair



The electric busses enables traffic in residential areas earlier not possible

Closer to residential buildings

- Better utilization of available land, more residential houses
- Attractive public transportation

The construction company gives support to the development

Near the shuttle station

Valuable land today used for car parking can be used for shopping etc

The demonstration is very well received by traveler and residents



ALE

