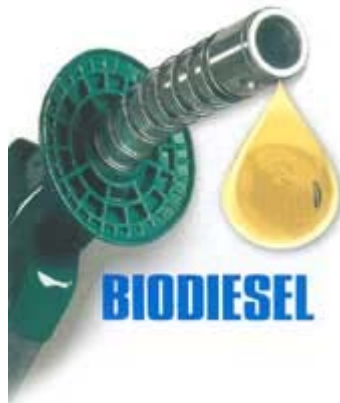


## Biodiesel in City Council Vehicle Fleet

### Summary

Galway is one of the five major cities in Ireland and has been pro-active in the fields of energy efficiency and renewables for many years. Galway Energy Agency Ltd (GEAL) was established in 1997 and is responsible for driving and implementing energy policy within Galway City and the County. Galway City Council have been using biodiesel in its vehicle fleet for a number of years and intends to increase its use in future years



### Description

The vehicle fleet comprises vans, light trucks and tractors. A decision was made to use biodiesel in city council vehicles in 2000. Its first use was as a 5% biodiesel mix conventional diesel fuel. Limiting to a 5% mix does not necessitate any engine modifications and therefore allows relatively straight forward implementation of the policy. Pre-mixed fuel is delivered in bulk to the vehicle fleet storage tanks. Fuel is then used as with conventional fossil fuels. Users have not reported any problems or difficulties since the introduction of biofuels into the fleet.

It is further planned to increase the % of biodiesel used in the pre-mixed fuel in the future. This will mainly be achieved by specifying that future vehicle purchases require that engines are capable of operating on biodiesel without the need for engine modification.

### Objectives / Achievements

To date, the council have implemented the use of biodiesel as far as reasonably possible without the need for engine modifications. This has reduced environmental emissions from the vehicle fleet.

The city council can also be viewed as a high profile user of biodiesel with vehicles having a highly visible presence in and around the city. It is planned to place logos on the vehicles in order that the use of biodiesel becomes more visible around the city. Where the general public and local businesses can see that biodiesel is being used in practice it breaks down barriers to its use by others and shows that the infrastructures for supply exist on a local level. This can assist in increasing uptake of the technology in the local area.

Galway City Council was amongst the first local authorities in Ireland to implement the use of biodiesel in its vehicle fleet.

### Galway City in facts and figures

Region: Connacht (West)  
Population: 71,983

### eea® in Galway City Council

Programme entry: April 2006  
Last Audit Date: NA  
Overall Score: NA  
Possible points: NA  
Achieved points: NA

### Classification of the measure

Information  
Mobility  
CO<sub>2</sub> reduction

### Date of Implementation

Completed 2002

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### eea Audit

Galway are currently completing the stages required prior to audit. Galway city aim to achieve eea Award status during 2007.