

# GREENING URBAN TRANSPORT

## A Better Environment for Cork



Cork Metropolitan Area with population of approx. 300,000

...there is another way for us to grow sustainably



Strong population growth predicted in the next 30 years (potential population increase of 50%-75% within the Metropolitan Area)

...may mean more cars on our roads which means more congestion and more emissions




**1 bus**



**30 single occupancy cars**

can replace up to



A few reasons why Compressed Natural Gas (CNG) buses are a step in the right direction

Significantly lower particulate emissions over diesel giving us better air quality.

CNG in transport is a gateway fuel for bio gas generated from waste - moving zero carbon in the future.

Fuel transport costs reduced by ~ 25% will increase future transport energy security.



Transport is responsible for 40% of Ireland's energy demand and more than one third of energy related greenhouse gas emissions.

Ireland is also nearly 100% dependent on imported oil to meet our transport energy needs. This raises significant challenges in terms of Ireland's energy security and resilience and Ireland's transition to a low carbon economy.



**What can be done to improve urban transport in Cork?**



**Ireland's Greenest Bus Fleet**

### Ireland's Greenest Bus Fleet

Starting with the bus routes connecting Ballincollig, Cork City, Carrigaline and Ringaskiddy (capturing the busiest bus route in Ireland outside of Dublin) as Ireland's Greenest Bus Route.

Energy Cork stakeholders are proposing that 20 gas buses are purchased for the 220X/223 bus route

Bus transport is a key component of the long term solution for sustainable public transport in Cork

Towards a better environment for YOU and ME