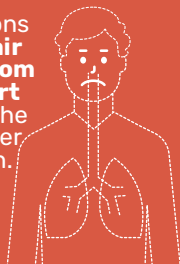


WHAT IS THE PROBLEM?

Diesel & petrol vehicles produce the toxic gas NO₂ - diesel being the main contributor.



Health implications of **poor air quality from transport** impacts the lungs, liver & spleen.



The highest concentrations of NO₂ are in our cities.



WHAT CAN BE DONE?

Is it necessary to make your journey in a diesel or petrol car?
Is there an alternative?



Decarbonisation of the public transport system also has benefits for air quality.



No idling - switch off your engine when parked



Use public transport
Car pool/sharing
Walking and cycling.



Walk & Cycle friendly networks making it easier for individuals to make the cleaner/healthier choice.



Consider an **EV** as your next vehicle purchase.

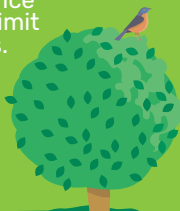


OUTCOMES

Better air quality - better for your health.



Compliance with EU limit values.



Lower greenhouse gas emissions - better for the planet.



FUNDED BY THE EU LIFE PROGRAMME, THE LIFE EMERALD PROJECT WILL DELIVER:

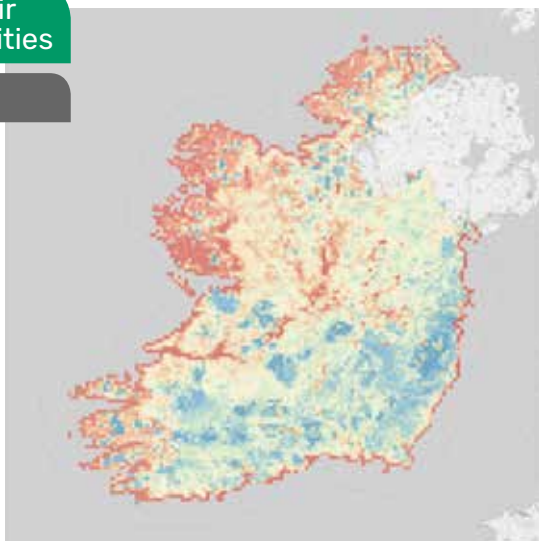
a 3-day Ambient Air Quality Forecast

Near Realtime mapping of main air
pollutants in our major towns & cities

Annual mapping of air pollutants

Poor air quality leads to more than 1300 premature deaths each year in Ireland. Ireland's two main pollutants of concern are:

- Fine particulate matter (PM_{2.5}), where the dominant source is residential solid fuel burning.
- Nitrogen dioxide (NO₂), where the dominant source is transport.



Illustrative image of future air quality forecast to be developed under LIFE Emerald Project.

FURTHER INFORMATION ON LIFE EMERALD IS AVAILABLE AT:



LIFE19 GIE/IE/001101

