

# Why work in clean cars?

**Chris Walsh**

**Automotive engineer**

**Specialised in low emission vehicles**

October 2016





**British Gas**

Looking after your world

I'm a Nissan electric vehicle

e-NV200  
Zero Emission





Reducing our  
CO2 for a greener  
future

McVitie's

Jaffa Cakes

Est. 1885  
JACOBS

go  
ahead!

Our used vegetable oils  
fuel our trucks

McCoy's

KP

Your favourite UB brands  
driving friendlier miles

Wulla  
Hoops

MINI



# RUNNING ON GREENER FUEL

This truck is running on a biomethane blend, cutting CO<sub>2</sub> by up to 60%



FARID

4498 2628

 **Leeds**  
CITY COUNCIL  
[www.leeds.gov.uk](http://www.leeds.gov.uk)

NGT

CAUTION OPERATIVES WORKING TO THE

A NATURAL HISTORY EXHIBITION WITH A DIFFERENCE

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**Why do what I do?**

# We need transport – of people and things





# But our vehicles cause pollution and use non-renewable resources

Carbon dioxide emissions contribute to climate change



Nitrogen oxides and particulate matter damage public health

The screenshot shows the BBC News website interface. At the top, there is a navigation bar with the BBC logo, a 'Sign in' button, and links for 'News', 'Sport', 'Weather', 'iPlayer', and 'TV'. Below this is a red banner with the word 'NEWS' in white. Underneath the banner is a secondary navigation bar with links for 'Home', 'UK', 'World', 'Business', 'Politics', 'Tech', 'Science', 'Health', and 'Education'. The main content area is titled 'Health' and features a headline: 'UK air pollution 'linked to 40,000 early deaths a year''. Below the headline, it says 'By Michelle Roberts, Health editor, BBC News online'. At the bottom left of the article preview, it shows the date '23 February 2016' and the category 'Health' with a small red icon.



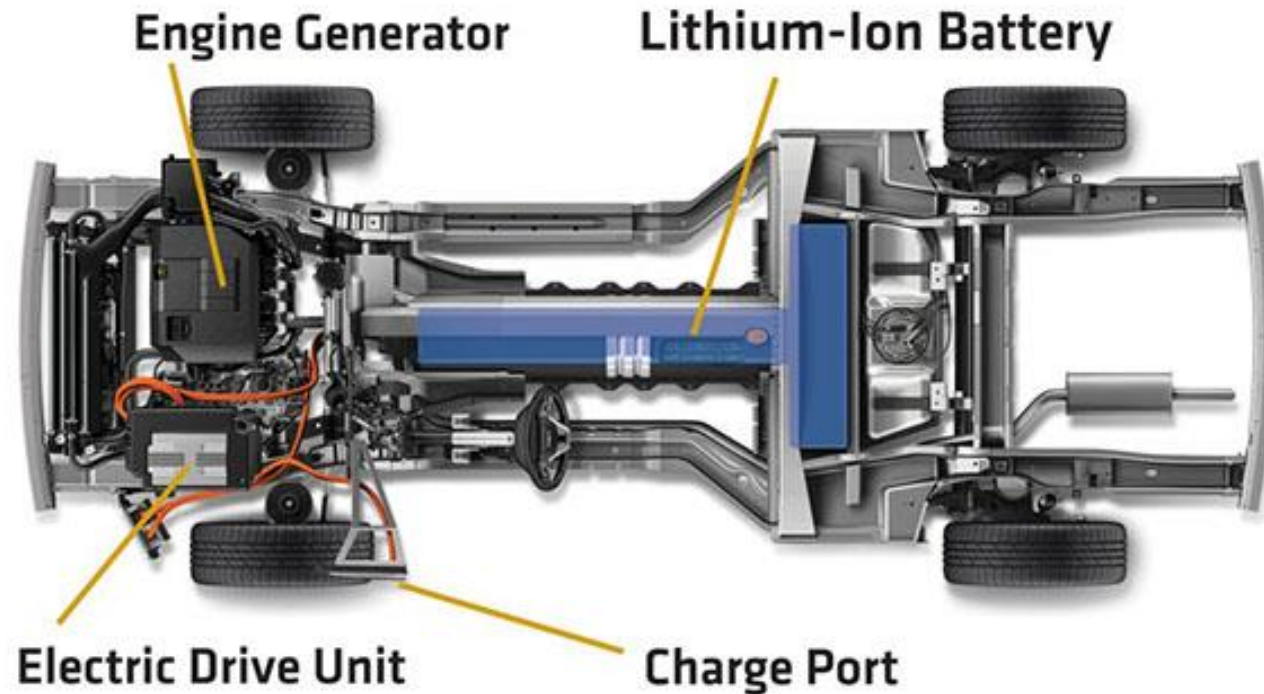
# Solutions like this



**What do I do?**



# Help manufacturers develop new clean vehicles

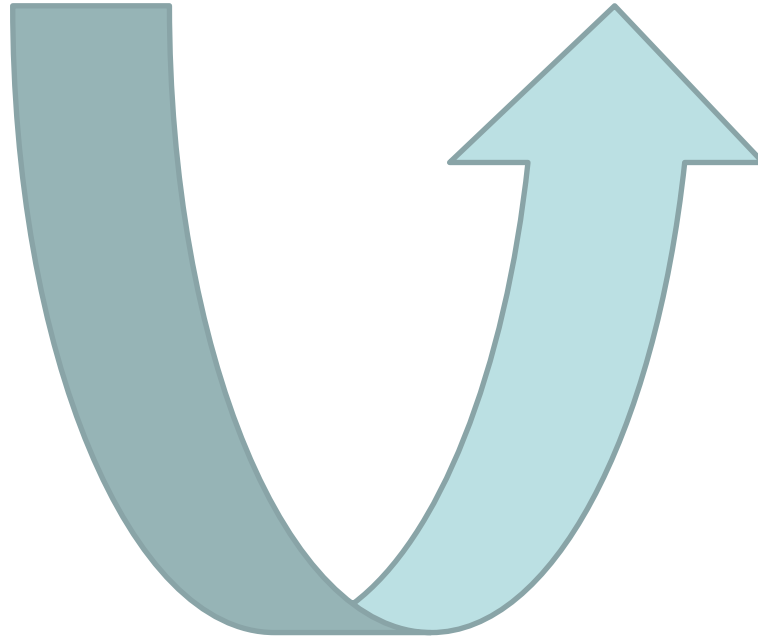


# Help test and trial new clean vehicles





**How did I end up doing it?**



**US**  
**UNIVERSITY**  
**OF SUSSEX**





**Questions?**