

ECOFLEET

Climate & Fuel Update 2019¹

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- When will your vehicle be available as electric?
- Global Logistics Emissions Council standard for reporting GHG update due soon
- Bio fuel content in your diesel

Fuel prices

Oil prices are increasing, up to US\$66/bbl in the last month.

Emissions

Road freight is: 9.2% of Ireland's 2017 CO₂/GHG emissions (that's HDVs and LCVs).

Transport energy use has grown every year since 2013 and in 2017 was 21% higher than in 2012. Road freight and vans account for 21.5% of total transport emissions, reduced by 32.9% vs 2005, car fuel use and emissions are up 10% vs 2005.

TruckSafe & VanSafe

Funding from Enprova continues with administration now online to save you time go to <http://www.ftai.ie/ecofleet.html>

Fuel performance checklist

- ◆ Sign-up for Enprova funding at <http://www.ftai.ie/ecofleet.html>
- ◆ ECOfleet.ie is live, use is mandatory for Enprova funding (Mar '19)

Book a training session (see below) with FTAI for your team; draft your fuel saving action plan and upload your results quarterly.

Alternative Fuels Working Group

FTAI Alt. Fuels WG has met three times 2018 to 2019;

- ◆ CNG open for business; 23rd January, GNI have confirmed that Circle K in Dublin Port is now open for business for CNG and it can be bought on Credit card or fuel card.
- ◆ 26th Feb Calor LNG presented on-site availability (immediate)
- ◆ ESB to present at next meeting - 30th May Green Isle Hotel Dublin Contact info@ftai.ie to join this working group for May, Aug and Oct meetings.

Smart Transport Manager Training

8 members completed their Smart Transport Manage training at FTA Ireland HQ on the 20th February; that's 6 companies to be recognised by SFC Global Logistics Emissions Council for their fuel and emissions reduction action plans.



Book your managers' place now on our next training dates:

- Dublin: Green Isle Hotel 14-15th May
- Cork; venue TBC 20-21st August.

Always remember to **put energy performance first**; a litre of diesel avoided is worth far more to your bottom line, than a small reduction in GHG/CO₂.

¹ Briefing prepared by Conor Molloy MSc MCILT and Raoul Empey CEng MIEI for FTAI, March 2019 - a follow-up to 2013-2019 briefings.



Electric Vehicles (EV)





In January 2019 electric car sales topped 2.8% of total sales vs 0.28% for Jan'18 i.e. a 10x increase in one year ([Irish EV Owners](#)). **EV sales** now exceed 1% of new car sales with over 25,000 on our roads.

Zero BIK for electric company cars up to €50k, accelerated capital allowances (corporation tax back) on most electric cars and vans i.e. a 12.5% discount on top of electric vehicle grant and zero VRT.

Commercial EVs

Electric Commercial vehicle choices are still narrow, but on 20th Feb **An Post announced 220 EV's** on order to make zero emissions deliveries in Ireland's cities by 2019, with 750 electric vehicles expected on the fleet by the end of 2020. →



<p>Electric HDVs are coming (slowly), this 100% electric Volvo 46-seater has just been ordered by Crowne Plaza Dublin for delivery in 2019.</p> 	<p>100% electric artics from MAN →. Volvo and Scania have similar at prototype or on test.</p> 
<p>Nikola have announced a 100% electric EU specification artic, based on their original hydrogen powered artic.</p>  <p>Separately Tesla have begun using their 800km range Class 8 Semi for inter-factory deliveries.</p>	<p>The Volvo FL Electric and Volvo FE Electric trucks for distribution, refuse handling and urban transport applications. The Volvo FL Electric has a GVW of 16 tonnes, the Volvo FE Electric has a GVW of 27 tonnes.</p> 

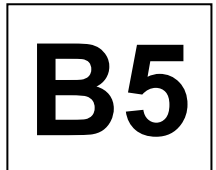
GHG Conversion factors

We are working with Smart Freight Centre to publish the next version of the **Global Logistics Emissions Council standard for Greenhouse gas (GHG) reporting**. This should greatly simplify your reporting, as it **standardises the GHG questions** for customers (shippers) and members (hauliers/carriers). Look out for GLEC Declaration programme later in 2019.



Biofuel content in diesel

We have received questions around this complex topic, suffice to say the 8.6% quoted in headlines is actually half that by volume in real terms i.e. 4.3%; as each litre of biodiesel from waste is double counted, for now when you see 'B5' it means up to 5% bio-diesel (usually from used cooking oil) in your diesel supply.



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