



Forest Industry
Transport
Group

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Forestry Supply Chain Sustainability

Introduction



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Transport
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DES PHELAN
CHAIR OF THE FOREST INDUSTRY TRANSPORT GROUP
SUSTAINABLE TRANSPORT PROGRAMME MANAGER FOR COILLTE



CLIMATE ACTION



**10 YEAR HAULAGE
STRATEGY**



**FITG TIMBER HAULAGE
ENVIRONMENTAL
IMPACT**



**COILLTE SUSTAINABLE
TRANSPORT
PROGRAMME**

Forest Industry Transport Group



Our members



Purpose



To provide a forum for debate on all issues relating to timber haulage



To facilitate communication through regular group meetings



To disseminate information on current developments in haulage and transport



To identify international Best Practice and encourage innovation



To establish working groups to address specific issues



To review progress and plan future actions

Department of Agriculture, Food and the Marine (DAFM)
 Department of Transport, Tourism and Sport (DTAS)
 Local Government
 Forest Industry
 Haulage Sector
 Educational Bodies
 Teagasc
 IFA

Climate Action Plan 2023

Climate Action for Ireland

Ireland's first Climate Action Plan published in 2019

Latest version published by the Government in December 2022

A framework for achieving international Climate targets

Government set Carbon Budgets will identify Carbon Emissions over 5 Year periods





Haulage Strategy Sustainability Actions

Eco-Driving

The Department of Transport will take steps to establish a national certification/accreditation or eco-driving programmes.

Bio-Fuel Taxation

The Department of Transport is committed to exploring the possibility or greater differentiation in the tax treatment of biofuels.

Hydrogen Strategy

The National Hydrogen Strategy will consider the potential demand for hydrogen across the transport sector in Ireland as a zero-carbon transport fuel for heavy duty vehicles.



Road Freight Forum



Track

- The delivery of the Haulage Strategy actions and consider its evolution

Identify

- New priorities, actions and enablers as needed.

Act

- As a central forum for Government, industry and other stakeholders to address issues for the sector

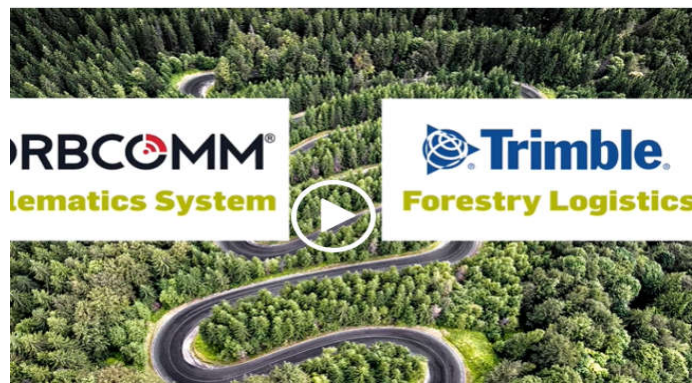
Forum Members

- The Department of Transport – Chair
- The Irish Road Haulage Association
- Freight Transport Association of Ireland
- Transport Infrastructure Ireland
- Road Safety Authority
- National Transport Authority
- Nominated Members of the Irish Transport Research Network

Timber Haulage Environmental Impact

Best Use of Telematics

- ▶ Develop a Case Study to raise haulier awareness on utilising the system for sustainability
- ▶ Better utilisation of ORBCOMM FleetManager to improve fuel efficiency through Eco Driving
- ▶ Encourage hauliers to avail of additional support over the phone or in person from ORBCOMM and Trimble



Coillte's Sustainable Transport Programme



Investigate and recommend

Existing and emerging technologies which could reduce Coillte Group's fuel related CO2 emissions.



Progress

Sustainable Transport Initiatives which will support Coillte's ambition to achieve a reduction of Group's CO2 emissions.



Develop

Coillte Group's Sustainable Transport Strategy and design the roadmap for new technologies and their adoption.



Collaborate

With all relevant stakeholders to progress adoption of sustainability solutions.



Working together to find answers

Forest Landowners

- How can we partner with contractors to achieve sustainability goals?
- How can we manage costs related to low emission fuel adoption?

Forest Industry Vehicle Suppliers

- Which technology pathways to follow to achieve sustainability?

Fuel Suppliers

- How do we deploy infrastructure to introduce alternative fuels?

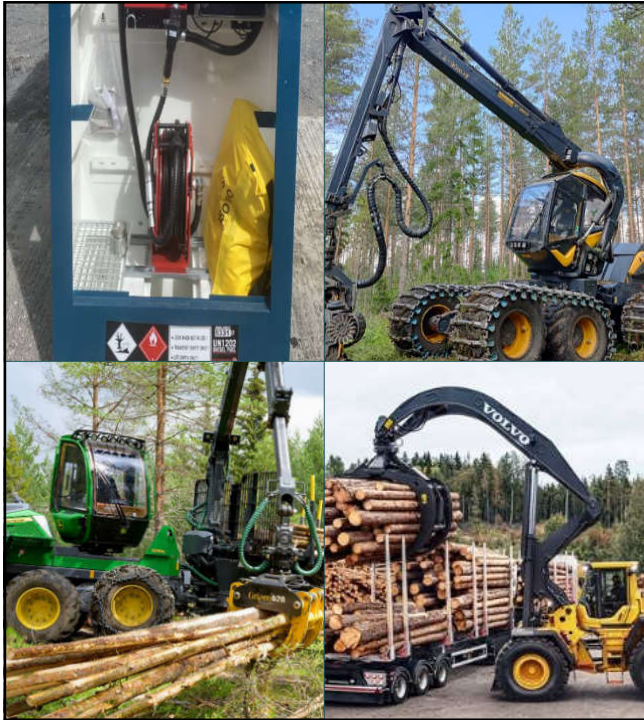
Forest Industry Contractors

- Which vehicles and fuel types should we invest in?
- Will the fuel infrastructure be there?

Government

- Which alternative fuel technologies should we to encourage?
- How can we incentivise the switch to Low Carbon Fuels?





Hydrotreated Vegetable Oil HVO 1st Pilot



HVO 1st Pilot is a 3-month trial on a diverse selection of Coillte Owned/Leased Vehicles.

The trial will be providing important data that will support further implementation if the fuel suppliers position is validated.

- ▶ Net Carbon Emissions reduced by up to 90%
- ▶ No Engine Modifications needed
- ▶ The volume of Waste and Residue Vegetable Oils are available to produce enough for transport

'If true, 40 Trucks on HVO would emit the same amount of Carbon as the 400 timber haulage trucks currently emit'



What I've learnt to date?

There are no absolute experts
A single energy solution will not decarbonise transport
We can only make progress by working together

How can you help progress decarbonisation?

Talk to the suppliers of your vehicles
Ask your fuel suppliers about options
Ask your industry representatives what you can do get ahead of this