

Woodflow Logistics Project

June 2015

Woodflow Logistics Background

What is Woodflow ?

Woodflow is a process Coillte is developing to embrace technology to ensure flexibility, efficiency and security within the Coillte Estate



1. Paperless
Timber
Removal



2. Smart Timber
Security



3. Centralised Dispatch

- **Coillte Forests Key Strategic Initiative Enabler**
- **External Suppliers ~ Asset Forest Logistics and Bluetree Systems**
- **Paperless Timber Removal System and Smart Timber Security in place July 2015**
- **Next phase of Project is developing system of Centralised Dispatch**

Project Progress...

- 1. Smart Timber Security launched in October 2014.**
- 2. First truck using an electronic Timber Removal Permit delivered to SmartPly 4th Dec 2014.**
- 3. Phased rollout of electronic permit system underway and will be completed by July 2015.**



Combined Sololution



Paperless Docket, Smart Timber & Central Dispatch By Asset Forestry Logistics



- **Expertise in the application and integration of logistics information technologies to wood supply operations**
- **Specialised experienced roundwood dispatch management company**
- **Currently operating in New Zealand, Australia, USA & Ireland**
- **Asset are part of the Trimble Group**

In-Cab Device, GPS Tracking and Telematics Solution By Bluetree



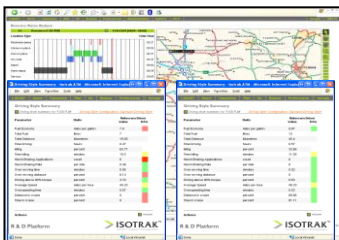
GPS TRACKING:

- GPS Transponder is located in Truck
- Sends truck position via mobile network in real time
- Transponder is tamper proof and 'always on'
- Transponders also fitted to Trailers



IN-CAB COMPUTER:

- Small computer screen installed in cab
- Sends & receives timber permit data via mobile network
- Displays location and alert information



TELEMATICS:

- In-cab computer is linked to CANBUS in Truck
- Real-time monitoring of Truck diagnostics
- Monitors engine, fuel, brakes, Crane activity via PTO, driver hours

Value to Business

- **Elimination of Paper Dockets from Coillte Process** ~ *No dockets in the woods for collection or reconciliation in the offices.*
- **Smart Timber Security** ~ Remote real-time monitoring of uplifts & breach alerts
- **Technological platform in place** ~ enable voiceless Central Dispatch management.
- **Safe and Fuel Efficient Driving SAFED** ~ a Telematics solution that enables the haulier to monitor and improve driver adherence to SAFED methods

National recognition...



**Project has won national
awards;**

**Green Procurement Transport
Initiative of the year.**

and

**The Green Mover of the year
from the Irish Transport and
Logistics Association.**

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Thank you