

A Multi-Faceted Approach to Greening the Fleet

Reducing emissions, improving efficiency, and preparing for a sustainable transport future.



Bob Ritchie

Transport Services Manager &
Angus Council Fleet Partnership Manager

Steven Allan

Estimating Services & Business
Development Manager

A Multi-Faceted Approach to Greening the Fleet

**Introduction to Tayside
Contracts**

**How We Manage
Climate Change**

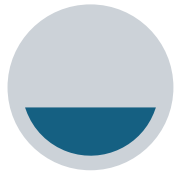
**Positive Impacts to
Climate**

**A Multi-Faceted
Approach to Greening
the Fleet**

**Employee Engagement
and Climate Change**

**Successful Climate
Change Projects**

Tayside Contracts – Who We Are



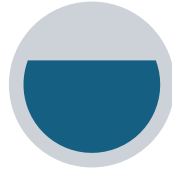
Structure

Largest and longest
serving shared service

100% owned by our 3
councils

Governance through
joint committee

18 elected member, 6
from each council

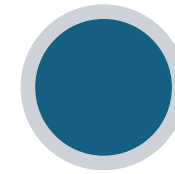


People

2,559 people

3,300 posts

6 regional offices



Finance

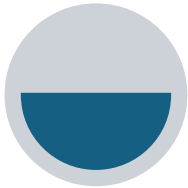
£98m Annual turnover

94% income comes
from 3 councils

Over £33m surplus
returned to councils to
reinvest into public
services

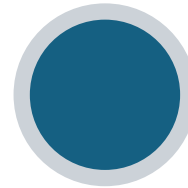
Averaging £1m per
year

Tayside Contracts – What We Do



Construction

Road Maintenance
Winter Maintenance
Street Lighting
Quarry
Signshop
Transport Services



Facilities

Catering
Cleaning
Janitorial
School Crossing
Patrollers

Tayside Contracts – Strategic Priorities



Our Vision

What we want to be

A high performing
expanding shared
service: Proud of what
we do and chosen for
how we do it



Our Mission

What we exist to do

Supporting our
communities
through excellent
services



Our Values

The 4 Ps

People
Performance
Partnership
Perception

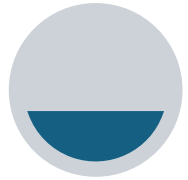


Our Strategic Priorities

The 5 Cs

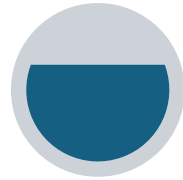
Confidence, trust and
relationship
Commercial approach
Collaboration and sharing
Continuous improvement and
performance
Communities, councils and
customers

Tayside Contracts – How We Manage Climate Change



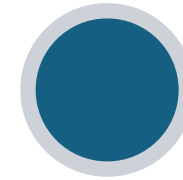
Climate Change Plan

Commitment
Passport
Direction



Climate Change Action Group

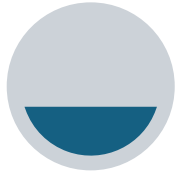
Diverse input
Decision makers
Monthly accountability
Clear purpose
Prioritise
Capacity



Standardised Approach

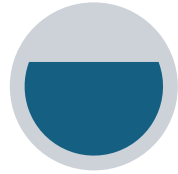
Across organisation
Register of success
Register of legislation
Register of accreditations
Register of future opportunities
Support and learning from others

Examples – Success and Good Practices



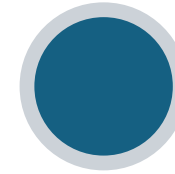
Facilities

Reed Beds
Recycling Centres



Products

Tayset
Taythin
Warm Mix Asphalt



Operations

95% excavated materials reused
Spillage and pollution prevention
Materials and transport optimisation
Solar powered Site settler unit
Digitalisation

A Multi-Faceted Approach to Greening the Fleet

Reducing emissions, improving efficiency, and preparing for a sustainable transport future.

TRANSPORT

Bob Ritchie

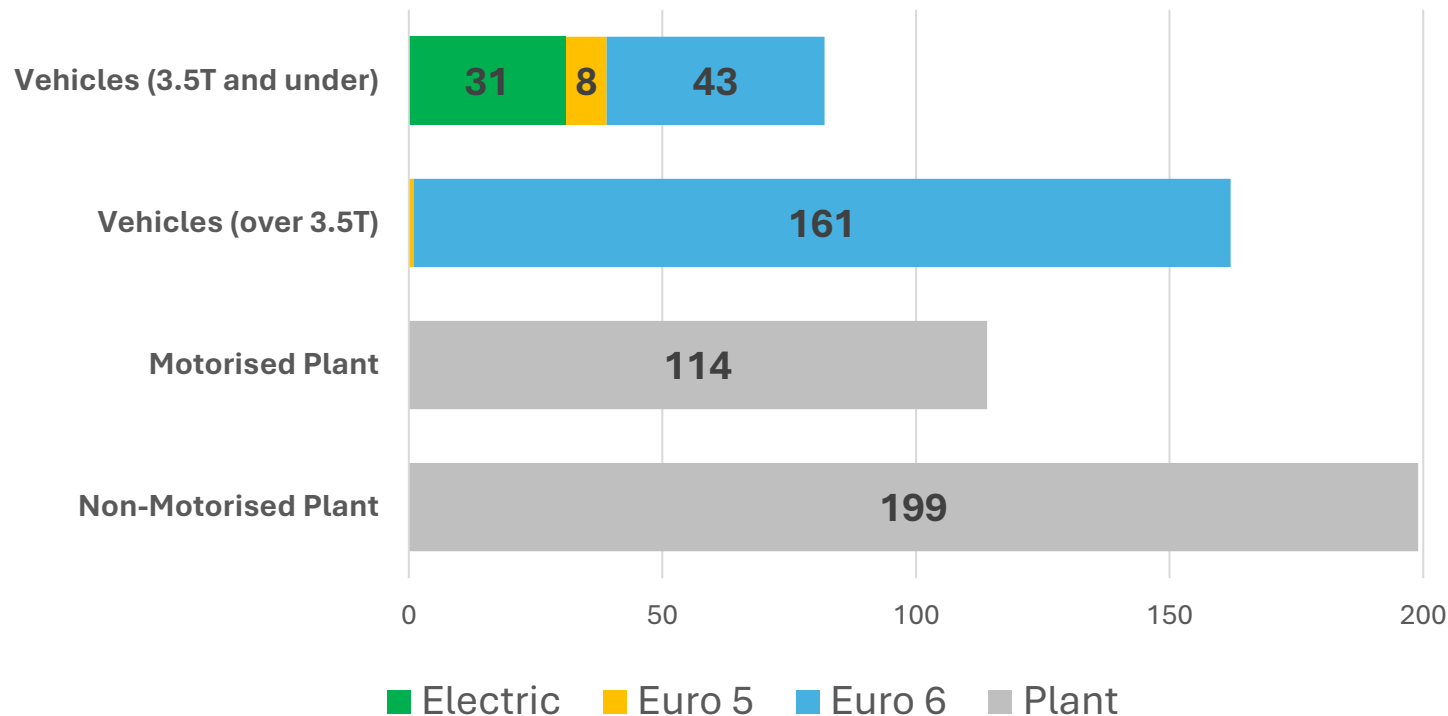
Transport Services Manager &
Angus Council Fleet Partnership Manager

Tayside Contracts' Transport Services operates and manages a large and diverse range of vehicles and plant.

With four modern and well-equipped workshops strategically positioned across Tayside, we can efficiently service and maintain our fleet as well as that of Angus Council through a partnership agreement. Our services are also available to private clients, and we offer maintenance and repairs on cars, light and heavy goods vehicles, and plant.

Fleet Composition

Tayside Contracts' Fleet Composition



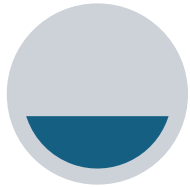
Our fleet is becoming cleaner and more efficient each year.

Most of our vehicles now meet Euro 6 standards, helping cut down harmful emissions.

We've also been adding more electric vehicles, showing real progress towards a greener and more sustainable fleet.

The chart to the side shows how our mix of EVs and Euro 6 vehicles continues to grow compared to older engine types.

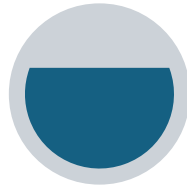
Fleet Performance Packs: The Foundation of Change



Purpose

Central to monitoring, analysing, and driving improvement across the fleet.

Integrate data from telematics, fuel use, mileage, utilisation, and emissions.



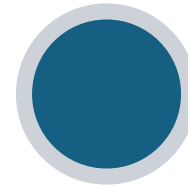
Key Points

Provide factual, consistent performance information to operational managers

Identify hot-spot areas for excessive idling, low MPG, or inefficient routes

Enable targeted engagement with drivers for continuous improvement.

Underpin the Transport Decarbonisation Plan and behavioural campaigns

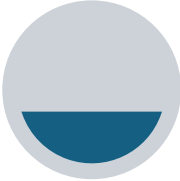


Impact

Improved accuracy and reliability of performance data.

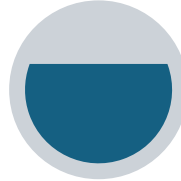
Enhanced accountability through evidence-based decision-making.

Using the Data for the **Transport Decarbonisation Plan**



Objective

Support Tayside Contracts' Climate Change Plan (approved 2021) through the Transport theme of Mitigation, Adaptation, Engagement, and Monitoring.



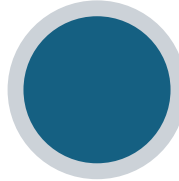
How data drives the plan

Establishes baseline KPIs (fuel consumption, idling, CO₂ output).

Enables tracking of **progress towards net-zero goals**.

Supports the **replacement strategy** for older Euro 4/5 HGVs with Euro 6 models.

Feeds directly into **annual reporting** for the Joint Committee.



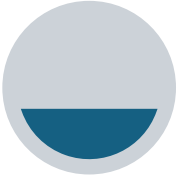
Results so far

Fuel performance improved **5.4 %** (12.8 → 13.5 MPG).

Average CO₂ per mile reduced **10 %** (1.0 → 0.9 kg).

11,778 kg CO₂ saved — equivalent to 535 mature trees absorbing CO₂ for a year.

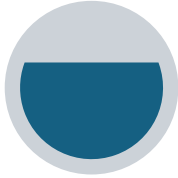
Turning Data into Action: The 'Turn It Off' Idling Campaign



Rationale

Telematics revealed over **35,000 hours** of unnecessary idling each year.

Idling = wasted fuel, unnecessary cost, and local air pollution.

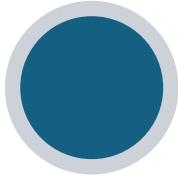


Approach

Data-driven identification of problem areas.

Organisation-wide communication: *Target magazine*, digital depot signage, video messages, and social media.

Two-way engagement between drivers and managers.



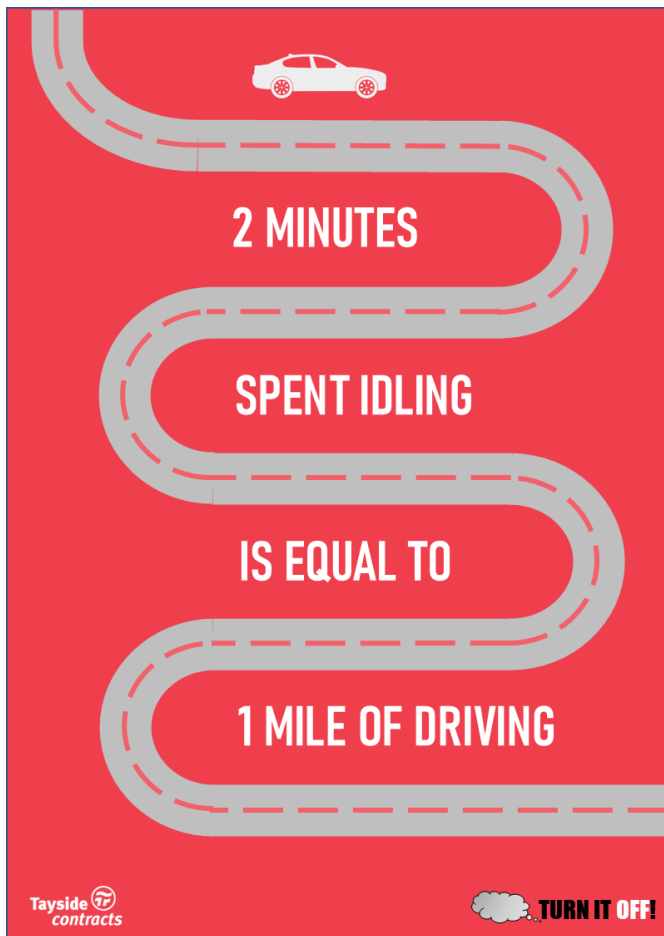
Campaign Highlights

5 reasons to turn engines off: saves fuel, improves safety, reduces noise, easy to do, and strengthens corporate reputation.

Achieved **28 % reduction in idling** (target 20 %), equal to **6,629 hours saved** and **£16K fuel saving**.

Examples of The 'Turn It Off' Idling Campaign

TURN IT OFF!



DID YOU KNOW?

2,700,000

  
CO₂ emitted (kg)

Every litre of fuel that is needlessly burned by idling vehicles contributes to the 2.7 million kg of CO₂ that Tayside Contracts fleet emits every year.

1,400,000

  
Spend

Tayside Contracts spent £1.4 million on fuel during the 2022/23 year?

1,000,000

 
Litres of fuel

That's equivalent to 1 million litres of fuel!

100,000

 
Idling CO₂ (kg)

With your help we can prevent 100,000 kg of CO₂ from being emitted into the atmosphere during idling.

40,000

 
Idling fuel (L)

40,000 litres of fuel are unnecessarily burned during idling every year?

35,000


Hours of idling

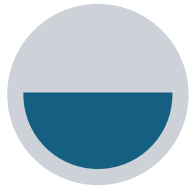
Tayside Contracts fleet spends 35,000 hours needlessly idling every year?

12.8


Average MPG

On average, Tayside Contracts' road-going fleet gets 12.8 miles per gallon. By turning off the engine when the vehicle is parked and not in use, you can help to improve fuel efficiency and reduce emissions.

Behavioural Change through **Data Transparency**

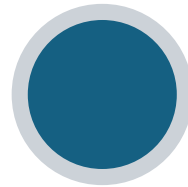


Fleet Performance Packs Report

Idling hours and cost by depot.

MPG performance by area and vehicle type.

Comparative trend charts for mileage and idling per quarter.

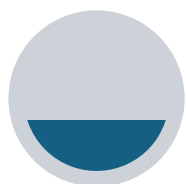


Engagement Outcomes

Supervisors recognise top-performing drivers.

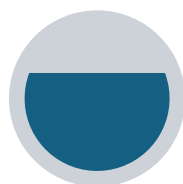
Poor practices addressed through feedback and training.

Fosters a culture of ownership and environmental responsibility.



Strategic Aim

Ensure the fleet is future-ready through technical competence in EV maintenance.

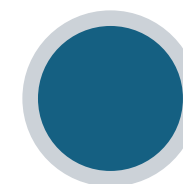


Programme

Partnership with Dundee & Angus College, funded via the *Green Fund*.

All 34 mechanics achieved Level 2 or 3 EV maintenance qualification. Level 4 is due to commence in early 2026.

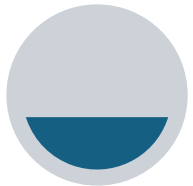
Enables in-house maintenance of both Tayside Contracts and partner-council EV fleets.



Fleet Progress

30 EV vans in operation

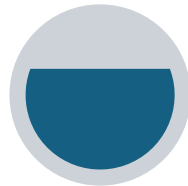
EVs now 39 % of sub-3.5 t fleet.



To the Organisation

Lower CO₂ emissions, reduced costs, improved fuel efficiency.

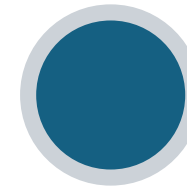
Strengthened reputation for environmental responsibility.



To Employees

Recognition of positive driver behaviour.

Improved skills and environmental awareness.



To Communities

Cleaner air and quieter environments.

Demonstration of sustainable public-sector leadership.

Future Direction



Next Steps

Continue annual MPG and idling reduction targets.



Deploy advanced analytics for route optimisation and driver behaviour.

Expand EV fleet and charging infrastructure

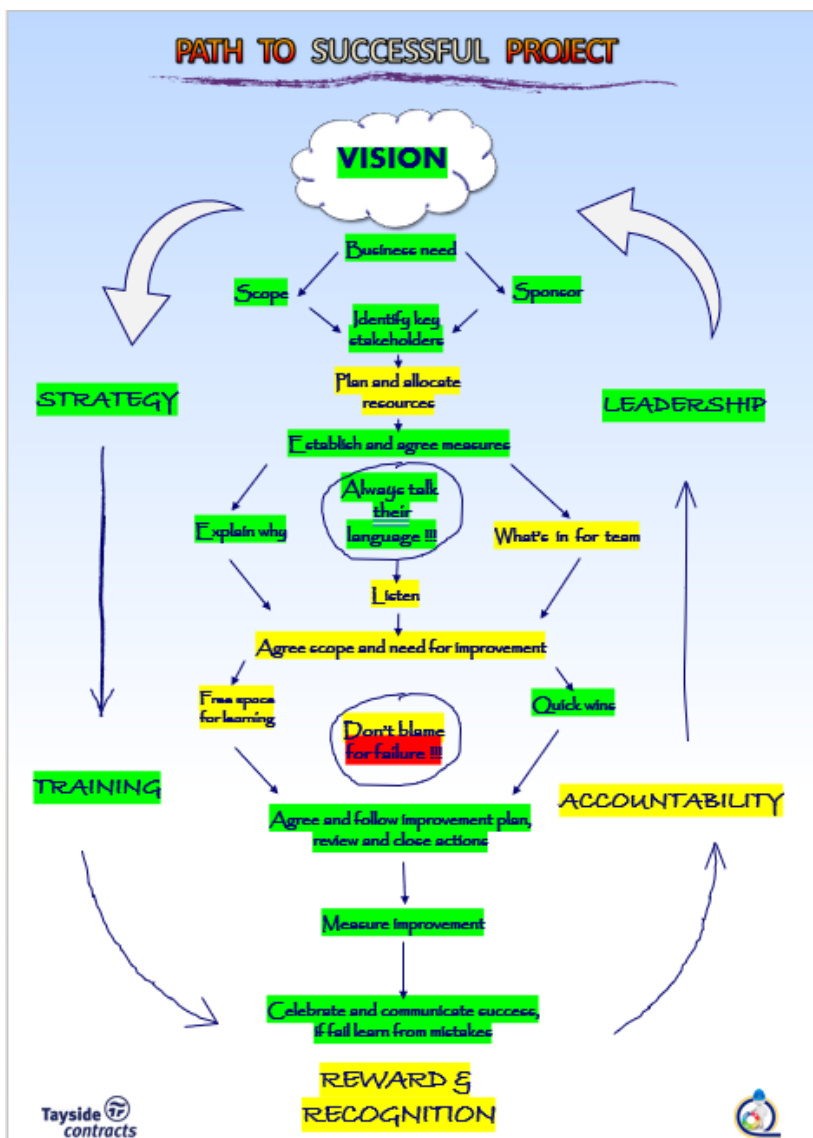


Maintain collaboration with education partners for emerging green technologies.

Further discussion

Questions?

Change Management & Climate Change

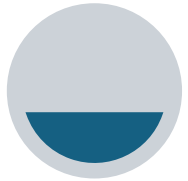


Fleet Idling Communication Plan

# 2a	Image and Identity					
Item	Visual Management Board	Internet	Head of Operations Briefing / updates	One Construction on social media	Poster Campaign	TEA Awards
Method of Communication	Shared Documents	Website	Feedback	Social Media	Poster	Award Ceremony
Resource	People and Reports	Report	Presentation	Presentation	Poster	Nominations
Scope	Communicate performance and data	Explain One Construction and inform progress	Communicate overview	Communicate overview	Increased Profile	Nominate successful One Construction projects. Replace current LEAN award
Frequency	Ongoing	Ongoing	Quarterly	Ongoing	Quarterly	Annually
Delivered by	Delegated by Direct Report	Head of Operations	Head of Operations	Head of Operations & Communications	Project Lead	Project Lead
Expected Results	Celebrate success; make problems visual; create accountability; standardise; image & identity; brand	Increased profile; increased awareness; standard message; celebrate success	Continued communication with consistency of message delivered to all	Continued communication with consistency of message delivered to all	Standard visual communication; Increased profile; increased awareness	Increased profile; increased awareness; celebrate success
Stakeholders (Audience)	Stakeholder	Stakeholders	Stakeholder	Stakeholders	Stakeholder	Stakeholders

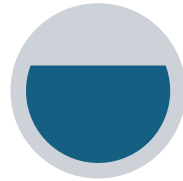


Employee Engagement and Climate Change



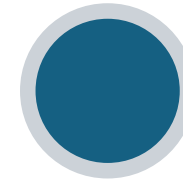
Volunteering Policy

Actively encouraging uptake
Linking to climate change
Making it fun
Serious message



School Plate to Front Line

Reducing school meal waste
Success through pupil engagement
It's transferable!?!
Skip waste – self audit



Vehicle Idling

Visual management
Power Bi
Appropriate language
Consistent approach
Accountability
Free up capacity
Celebrate success

A Multi-Faceted Approach to Greening the Fleet



Thank you