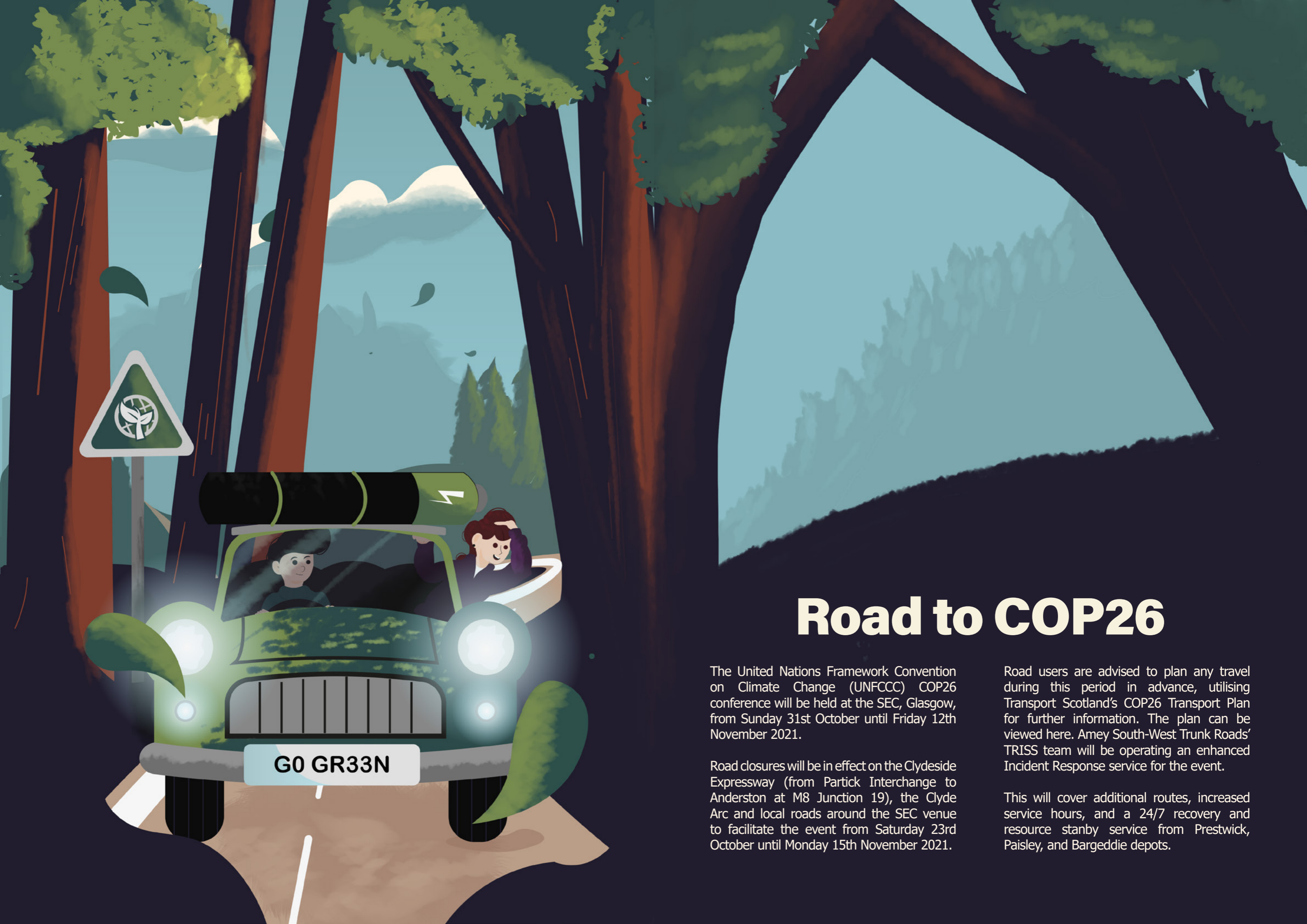


NEWSLETTER

Autumn 2021





Road to COP26

The United Nations Framework Convention on Climate Change (UNFCCC) COP26 conference will be held at the SEC, Glasgow, from Sunday 31st October until Friday 12th November 2021.

Road closures will be in effect on the Clydeside Expressway (from Partick Interchange to Anderston at M8 Junction 19), the Clyde Arc and local roads around the SEC venue to facilitate the event from Saturday 23rd October until Monday 15th November 2021.

Road users are advised to plan any travel during this period in advance, utilising Transport Scotland's COP26 Transport Plan for further information. The plan can be viewed [here](#). Amey South-West Trunk Roads' TRISS team will be operating an enhanced Incident Response service for the event.

This will cover additional routes, increased service hours, and a 24/7 recovery and resource standby service from Prestwick, Paisley, and Bargeddie depots.

2020

Carbon Footprint

Data capture and baseline, focusing on scope 1 & 2 emissions

Engage Supply Chain

Engage and include supply chain in long term objectives, setting the groundwork data collection and analysis for embodied carbon in products and services

Fleet Management

Begin transition of diesel fleet to biodiesel, begin increasing ULEV proportion in LCV fleet (from initial 10%)

Cut Utilities Consumption

Retro-fitting depots with energy efficient equipment (LEDs with PIR, heating management systems, voltage optimisation systems, thermostatically controlled heaters, energy efficient office/kitchen appliances etc.)

Behavioral Changes

Behavioural campaigns focusing on green driving and efficient use of depot utilities.

Identify and empower Green Champions to drive change.

2024

Fleet Management

Begin transition of diesel fleet to biodiesel, begin increasing ULEV proportion in LCV fleet (from initial 10%)

Alternative Energy Sources

Installation of on-site renewables – solar PV, biomass boilers, small-scale wind

Carbon Offsets

Switch Amey depots to green energy tariff

Green Energy

Switch Amey depots to green energy tariff

Carbon Neutral Accreditation

Carbon Trust PAS2060 certification for operational depots

2028

Supply Chain Shift

Continue working with supply chain to minimise embodied carbon in products and services

Carbon Offsets

Switch Amey depots to green energy tariff

Water Conservation

50% reduction in mains water use through rainwater harvesting in addition to adaptation of office infrastructure

Zero Waste Landfill

Work with waste supply chain to drive material up the waste hierarchy to eliminate remaining small proportion of waste to landfill.

2032

Carbon Neutral

Entire account certified to PAS 2060 or carbon neutrality including Scope 3

Business & Commuter Travel

Develop and implement green travel plans for both commuter and business travel, prioritised active travel, flexible working and maximisation of EV company vehicle fleet.

Embed Circular Approach

Utilise established supply-chain relationships to maximise circular approach to design and procurement, prioritising re-use, refurbishment, repair and recycled within Amey processes.

SW NMC ROADMAP to NET ZERO

2020-2032 12 Year Plan

Tar bound material transported to quarry and loaded into the impact crusher, screened and regraded into 25mm planings. This is then mixed with PFA and loaded into Recofoam Plant

01



Recofoam plant involves the addition of cement and bitumen

02



04

Material emptied onto paver where it is relayed as a base material, this asphalt is a cold mix of asphalt and doesn't require normal high temperatures

03

Encapsulated material loaded back onto lorry, straight from Recofoam plant and taken back to site

A76 Ex-Situ Recycling

A76 Muirside Culvert to Croftmaggot Road Ex-Situ Recycling

Amey proactively engages with our supply chains when carrying out road maintenance to minimise embodied carbon in materials and reduce waste products. In July 2021, the South-West Trunk Roads team trialled ex-situ recycling on the A76 at a resurfacing scheme between Muirside Culvert and Croftmaggot Road. High levels of coal tar were identified within the base and binder layers of the road pavement during the investigation phase of the scheme. As a result, the decision was made to recycle the tar bound material from the work extents as well as tar bound materials from other nearby sites through ex-situ recycling.

Ex-situ recycling involves the reuse of planings to construct a new road surface. The planings are moved to a nearby quarry, reprocessed, and encapsulated before being brought back to site and re-laid as the base layer of the road pavement. For the A76 scheme, a mobile unit was installed at the quarry where the tar bound planings were crushed and

regraded with the addition of 7% PFA (Pulverised Fuel Ash, a by-product of the coal industry), which was then loaded into the Recofoam plant with the addition of cement (1%) and bitumen (3%).

In total, 3600 tonnes of planings were recycled via this process and the carbon saving from the project was 200 tCO₂ (e). The environmental benefits of the project included eliminating landfill disposal of tar bound materials, minimising lorry journeys to transport the planings to a hazardous waste landfill (the nearest of which is in Northern England), and reducing the quantity of virgin aggregates needed for construction. The reprocessing of planings via ex-situ recycling is also less energy intensive than the manufacture of virgin aggregate materials. A76 Muirside Culvert to Croftmaggot Road is the single largest ex-situ recycling project undertaken to date within Scotland and Amey intend to implement the process in future schemes across the South-West road network.

Eco Initiatives

Amey South West Trunk Roads is committed to achieving its goal of carbon neutrality by 2032. This means taking part in a wide variety of eco initiatives, a great example of which is the replacement of diesel-powered welfare units with eco-hybrid welfare units at the M8 Woodside Viaduct site. Currently, diesel-powered units are used throughout the South West network. The LOC eco-cabins trialled at M8 Woodside use a combination of diesel and battery technology to power the unit, which reduces the amount of energy needed from the generator. The swapping of the diesel-powered units for the eco-hybrid units will have an anticipated 81% reduction in fuel usage with the potential to save 7.4 tonnes in carbon emissions at the site.

Various other eco-trials are taking place across the South West network in an effort to reduce CO2 including the introduction of electric excavators and battery-operated handheld equipment. In addition, a trial of zero-emission temporary lighting took place during a resurfacing scheme on the

A82 at Stoneymollan Roundabout, in which solar and hydrogen-powered temporary lighting were compared against diesel-powered temporary lighting. Amey South West Trunk Roads utilises ULEV (ultra-low emission vehicles) with charging points installed at our Polmadie and Dumfries depots, 38% of our vehicle fleet is comprised of ULEV.



Pride In our network

A well-maintained road network is a resilient one. At Amey South-West Trunk Roads, we have been undertaking a programme of maintenance that not only improves the network's visual appearance but also how it performs for our road users. Extensive detritus from grit within modern asphalt solutions and salt from winter maintenance can build up in channels, dead areas, and on footways across the network. These require to be cleansed to prevent other network assets such as gullies and catchpits being impacted, which would result in poor drainage and subsequent localised flooding issues.

This quarter, additional road sweeping and siding out projects have been carried out on the A76, A77, A78, and A75 to benefit those who regularly travel on our routes.



18,823
Tonnes of waste
recycled



31
Routine Maintenance
Schemes

THIS QUARTER In Numbers

8
Structural
Maintenance
Schemes



4
Network
Bridge Schemes



5
Road Safety
Schemes



Viewpark Conservation Group

On Friday 20th August 2021, volunteers from Amey took part in a Community Involvement Day at the Historic Douglas Support Estate. The Viewpark Conservation Group is currently underway with its five-year conservation plans for the Estate to ensure the maintenance, restoration, and future of the area.



A team of Amey employees, largely comprised of locals who live and work in the surrounding area, generously volunteered to assist in the conservation effort. A spokesperson from the Group described the Amey operatives as a 'great bunch' who showed real interest in the conservation plans. The work undertaken will have a positive impact on the current plans to create community picnic and rest areas, and also aid wider conservation efforts within the Douglas Estate.



Hit 100 - Scotland

Thank you for helping us to **beat cancer** by raising £585 as part of The Amey Centenary Challenge throughout August 2021.

Signed:



Clare Lappin, Partnership Manager



HIT 100 Centenary Fundraiser

2021 marks Amey's 100th year anniversary and to celebrate the company launched The Amey Centenary Challenge to fundraise for Cancer Research UK. All fundraising challenges were inspired by the theme of '100' and the Amey South-West Trunk Roads team, in conjunction with Amey APS and M8DBFO, raised £585 by taking part in a Darts Challenge. Participants each paid £5 for three darts, with the closest to 100 points receiving the winning prize of a £25

shopping voucher. The combined effort of Amey's Scottish contracts placed us as one of the top fundraisers of the entire challenge across the business. Thank you to everyone who took part and to those who donated. Cancer Research UK were delighted with the amount that was raised and as a collective, the Amey Centenary Challenge raised an incredible total of £31,000.



Sign up for Roadwork Alerts

Roadwork alerts are available for all 17 of South West Scotland's Trunk Roads. This is a free service where the latest road maintenance and improvement schemes are announced FIRST. Updates on incidents and weather events will also be delivered straight to your inbox and you can personalise the alerts to your needs. All you need is an email address to get started.

[Sign up](#)

Find us on Facebook

Connecting with the communities we serve is a priority for our teams. To facilitate information sharing we have launched a Facebook page.

[Find us](#)

Twitter <http://twitter.com/swtrunkroads>

Website <http://www.swtrunkroads.scot/>

Dates for your diary

A77 Whitletts Roundabout – Sandyford Toll

Maintenance is planned on the A77 between Whitletts Roundabout and Sandyford Toll from Friday 22nd October 2021 until Wednesday 27th October 2021.

A77 Dutchhouse Roundabout

Maintenance is planned on the A77 at Dutchhouse Roundabout with a provisional start date of Friday 21st January 2022 and completion date of Monday 24th January 2022.

Full details for both schemes will be announced on our website in due course, sign-up for our free roadwork alerts service [here](#).

Please note, Winter 2021/22 is fast approaching and the delivery of all maintenance schemes is dependent on favourable weather conditions.

Report a Problem

If you need to report an immediate issue on the South-West Trunk Roads network, please use our Report A Problem form on the website. Completed forms are sent direct to our control room who operate 24/7, 365 days a year.

<https://swtrunkroads.scot/report-a-problem/>

