

Carbon Reduction Plan

Commitment to achieving Net Zero

Align Property Partners is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2015/16	
Additional Details relating to the Baseline Emissions calculations.	
All Align Property Partners data is collected in collaboration with our owners North Yorkshire County Council. Align does not produce data purely for its own company. These figures include the data collected from Align by NYC.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	5,330
Scope 2	11,174
Scope 3 (Included Sources)	3,069
Total Emissions	19,573

Current Emissions Reporting

Reporting Year: 2021/22	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	4,055

Scope 2	3,328
Scope 3 (Included Sources)	1,678
Total Emissions	9,061

Emissions reduction targets

About 40% of the reduction in emissions in 2020/21 is due to changes in working practices throughout the coronavirus pandemic. Clearly this was an unprecedented year, however, we aim to ensure that a number of these working practices which reduce our emissions are retained in the future.

It may not be possible, using current technology, to reduce our direct carbon equivalent emissions to zero. To reach net carbon neutrality we will therefore need to consider a mix of reduction and sequestration.

Over time there will be changes that will aid the achievement of net carbon neutrality including legislation, fiscal incentives, new technological developments and market changes. But these will not, by themselves, enable us to achieve net carbon neutrality. We must take additional actions to achieve net carbon neutrality.

With regard to the emissions we have direct control over, we are not starting from scratch. We regularly explore opportunities to reduce emissions and we have a track record of taking appropriate opportunities within existing budgets and additional investments where there is a business case, for example our programme of installing LED lighting. However, it is likely that future work will be more complex and expensive.

We recognise that actions that reduce carbon emissions in one area can result in increased emissions in other areas, for example having more staff working at home may reduce our direct carbon footprint, but the net impact will depend on individual circumstances including additional energy consumption at home and reduced travel. Similarly, property rationalisation should reduce our direct carbon footprint, but won't necessarily reduce the county's carbon footprint.

The programmes, co-ordinated by the property carbon reduction group, include:

- monitoring energy consumption data and bills to spot errors and ensure accuracy
- monitoring heating and hot water systems remotely in many of our buildings to ensure they are running efficiently
- undertaking changes to building systems to improve efficiency e.g. boiler replacements for more efficient models, lighting upgrades, insulation
- feasibility studies exploring the heat decarbonisation, power generation and energy storage options available for different sites
- production of a heat decarbonisation plan for ourselves
- reviewing funding opportunities to assist with the capital costs of such proposals

In addition, we also carry out work to assist schools to reduce emissions, including:

- dedicated staff who work with schools to help teachers and students understand and reduce energy use

- supporting the popular environmental scheme 'eco schools', which more than two-thirds of our county's schools are working on

Business travel

We actively encourage sustainable travel amongst our staff, service-users, contractors, residents and visitors and use available technologies (for example video conferencing) to reduce or remove the need for travel. We are working to improve air quality for people living in the county, reduce CO2 emissions and reduce the cost of the miles that we drive. We operate two electric cars within our fleet for staff to use because of their low running costs, outstanding range and low emissions. We are continually seeking opportunities to increase this number and are procuring a further electric vehicle for the Highways service.

We have also worked with staff and councillors to reduce business mileage. Schemes such as Liftshare help our staff to travel more sustainably, whether this be commuting to and from work or attending a meeting. The impact of the Covid-19 pandemic has meant that far fewer staff have been commuting to work and that the majority of meetings have been carried out virtually. We will ensure that we retain a number of these working practices which help us reduce our CO2e emissions.

Carbon Reduction Projects

Client	Type of work	Start Date	End Date
North Yorkshire Council (Harrogate council)	Retrofit Assessments/ retrofit coordination/ EPC/ Bid writing/ Asset management consultancy	Mar-23	on going
City of Doncaster Council	Independent Retrofit Coordination advice	Jun-23	on going
Sherburn in Elmet Council	Decarbonisation reporting x2 buildings	Sep-23	Sep-23
North Yorkshire Council (climate team)	Decarbonisation reporting x50 buildings	Feb-23	Apr-23
North Yorkshire Council (Ryedale Council)	Solar Installation Feasibility study/ bid writing	Jun-23	Jul-23
North Yorkshire Council (former Ryedale)	Solar Installation Design and build	Nov-23	ongoing
North star Housing	Full Turnkey service/ Project management/ PAS2035 compliance/ EPC	Jul-23	ongoing
Hartlepool Council	PAS Compliance/ retrofit assessments/ retrofit coordination/ retrofit design	Jan-24	ongoing
North East and Yorkshire Net Zero Hub/ Local Enterprise Partnership/ North Yorkshire Council	Project/ Programme Management/ retrofit assessment/ retrofit coordination/ retrofit design/ retrofit advice and outreach	Jun-23	ongoing

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Approved by: Ron Walton - Managing Director

Signed:



Date: 14/02/2024