

## Carbon reduction targets

Scope	Baseline Yr	Tk CO2e	Target by 2030 (50% reduction)	Last	+/-
1	2023	48.54	24.27	43.13	5.41 (11%)

Our fleet of company vehicles (11 EV, 1 hybrid, 1 diesel) and forktrucks (3 EV, 4 diesel) has mostly been moved over to EV (Total: 14 EV, 5 diesel, 1 hybrid). Opportunities exist to move the remaining diesel vehicles to alternatives at the end of their contract.

### How to get there

1. Shift to full EV or lower carbon alternatives.
2. See also 'Carbon reduction and action plan'.

Scope	Baseline	Tk CO2e	Target by 2030 (50% reduction)	Last	+/-
2	2023	88.84	44.42	98.29	9.45 (10.6%)

### How to get there

We have made huge reductions in our carbon emissions through the installation of solar power. Only one building does not benefit from this – the engineering and waste sorting bay. Opportunities exist to extend the use of solar and/or introduce battery power.

1. It should be noted that the baseline began after the installation of the 510Kw solar array. The figures before this point would have been much higher.
2. See also 'Carbon reduction and action plan'.

Scope	Baseline yr	Tk CO2e	Target by 2030 (25% reduction)	Last	+/-
3	24	3680.60	2760.45	3680.60	0

### How to get there

This is the big area, which requires a change in the transport landscape. Upstream and downstream transport account for approximately 91% of our carbon emissions. It will require working with hauliers on their plans, encouraging customers to share the short term increased costs and for regional and national governments to provide infrastructure e.g. if HGV electric is utilised, a nationwide infrastructure of charging points is required.

1. Disseminate Supplier code of conduct to hauliers.
2. Completion of supplier sustainability questionnaires.
3. Apply gentle pressure to move sustainability to top of the haulier's agenda.
4. Group as much transport as possible using Power BI to identify opportunities.
5. Encourage customers do reduce weight of overall consignments e.g. Portakabin stillages.
6. Encourage customers to use less carbon intensive modes of transport, but share cost of doing so e.g. bio-fuels.
7. See also 'Carbon reduction plan and action'.

Scopes	Baseline yr	Tk CO2e	Target by 2045 (Decarbonisation)	Last	+/-
1,2,3	23-24	3822.02	0.00	3822.02	0

### How to get there

The net zero target is the combination of the scopes 1,2 and 3 targets and the date has been selected to align with the steel producers. It is recognised that this is a difficult number to achieve due to the current availability of lower carbon HGV alternatives. It is expected to change rapidly in the coming years and we will play our part by seeking improved alternatives to diesel transport.

**S.Nurse**

**Issue: 1.1**

**23<sup>rd</sup> April 2025**

## General Company Suggestions

It is important for the success of the project, that top down, consistent and integrated communication, and methodologies are present.

The more involvement in regular communications, projects, events and reporting you can give to people within the company the more this topic stops being a corporate project and becomes an embedded automatic way of thinking and working.

Ensuring policies for working, recruitment of suppliers and purchasing are all geared towards the integrative message of carbon reduction is now considered by the business, as the second currency and consideration to the business in whatever it does.

Likewise, governance and auditing need to consider the data collection quality and performance of the methods of working especially where projects are being implemented for change.  
The table of concepts to consider on a company wide basis are:

No.1 Concept suggestion	
0.1	➤ Establish a sustainability committee with representations from all business units to meet at regular intervals to monitor data collection, changes, feedback and help communications across the business.
0.2	➤ Add into existing communications channel or create a new communication to make announcements and news to engage people with carbon reduction topics.
0.3	➤ Consider some type of annual sustainability event to get people involved and engaged in the topic and get input into changes of practice and ideas.
0.4	➤ Audit main working practices and policies against carbon considerations and ensure changes in process can be optimised.
0.5	➤ Ensure governance and audit of data collection and changes in working are happening throughout the year so that audit footprint reporting can be improved, and changes are sticking in the organisation in practice.

Other suggestions by scope and category are listed more specifically below.

## Direct Emissions

### LNG Gas

#### No.1 Cost & Carbon Reduction Concept Ideas

##### Behavioural Process

1.1	➤ Review thermostat settings. Ideal target for office conditions recommended at 19c
1.2	➤ Review and optimise heating start up and shutdown times, considering residual heat and cooling at the end of the day.
1.3	➤ Review and optimise boiler and pipe insulation
1.4	➤ Review usage metrics for aberrant usage which may need setting optimisations
1.5	➤ Ensure heating is automatically turned off at holidays, weekends and out of hours
1.6	➤ Add signage to encourage common sense use of heating and cooling (turn off heating before opening a window or turn of air conditioning before putting heating on etc.)

##### Procurement

1.7	➤ Move to smart meters to allow usage patterns and improvements to be seen
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##### Capital

1.8	➤ Fit intelligent thermostatic controls to provide good practice automatically
1.9	➤ Plan and implement strategies to remove fossil fuel reliance and move to electrical heating with controls and running on renewable electric.
1.10	➤ Add auto closures on doors to retain heat
1.11	➤ Review any potential for increased insulation that maybe cost effective

### Fleet

#### No.1 Cost & Carbon Reduction Concept Ideas

##### Behavioural Process

1.12	➤ Host as many meetings as feasible by technology solutions (Teams etc)
1.13	➤ Join as many visits as possible together to reduce mileage.
1.14	➤ Travel as a team if multiple people meeting in same place.
1.15	➤ Use electric vehicles as first preference and hybrid second before any ICE vehicle

##### Procurement

16	➤ Move as many fleet vehicles on renewal to full electric as possible and remainder to be at least hybrid
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##### Capital

1.17	➤ Install EV charger preferably powered from either mobile solar or solar car port (some EV workplace charger grants available)
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# Energy

## Electricity

### No.1 Cost & Carbon Reduction Concept Ideas

#### Behavioural Process

2.1	➤ Encourage or enforce equipment switch off at night (standby can still use up to 50% energy)
2.2	➤ Encourage and setup equipment using eco or energy savings
2.3	➤ Encourage use of natural light instead of artificial light on bright days (day blinds can help this by shielding sun glare without having to close off light)
2.4	➤ Ensure usage follows operating hours via policy and analysis of usage.
2.5	➤ Review thermostat temperatures (reduction by 1% can reduce energy by up to 8%)
2.6	➤ Encourage common sense use of heating and cooling (turn off heating before opening a window or turn of air conditioning before putting heating on etc.)
2.7	➤ Review additional insulation opportunities

#### Procurement

2.8	➤ Change electricity market purchase to fully green renewable sourced electricity
2.9	➤ Carry out full energy audit to identify a full plan of use and corresponding changes
2.10	➤ Have a policy of purchase of energy efficient appliances and balance energy efficiency and cost and not just cost.

#### Capital

2.11	➤ Review feasibility of installation of solar panels or micro-onsite generation from renewable sources
2.12	➤ Install LED lighting (up to 80% energy savings)
2.13	➤ Consider the business case for air or ground source heat pumps
2.14	➤ Purchase & install occupancy or movement sensor auto off on lighting especially in low traffic areas like storerooms and toilets etc.
2.15	➤ Install lighting brightness sensors to adapt brightness and energy usage of bulbs according to ambient light.
2.16	➤ Fit voltage optimisers
2.17	➤ Use smart plugs on common machinery where appropriate.

## Indirect emissions

### Purchased Goods and Services

No.1 Cost & Carbon Reduction Concept Ideas	
Behavioural Process	
3.1	➤ Ensure communications to suppliers to account for data required for carbon footprint reporting and management.
3.2	➤ Ensure purchases and services include consideration of overall carbon impact as well as financial
Procurement	
3.3	➤ Implement weightings or requirements to scoring on supplier selections to ensure carbon footprints and good carbon management practices and reporting.
Capital	
3.4	➤ N/A currently

### Upstream Transport

No.1 Cost & Carbon Reduction Concept Ideas	
Behavioural Process	
3.5	➤ Order local made products or services
3.6	➤ Less frequent ordering where storage space available
Procurement	
3.7	➤ Select as many local made and local supplied goods and services as possible
3.8	➤ Consider collection of goods using electric pool vehicle if local
3.9	➤ Select suppliers with eco-friendly delivery options
Capital	
3.10	➤ N/A currently.



## Waste from Operations

### No.1 Cost & Carbon Reduction Concept Ideas

#### Behavioural Process

3.11	➤ Install recycling bins as options at every general waste location
3.12	➤ Ensure communication to staff on what to do with waste
3.13	➤ Put up clear signage directing people to act in the best way to reduce waste
3.14	➤ Encourage avoidance of waste via policies and working practices i.e., reuse, not printing emails or documents, collaborative working online etc.

#### Procurement

3.15	➤ Ensure waste collection service is providing reporting of waste treatment and minimising landfill
3.16	➤ Review packaging with suppliers who in general use large amounts on regular orders
3.17	➤ Purchase refillable water bottle and cups for staff to reduce disposable versions
	➤ Purchase remanufacturer or recycled items

#### Capital

3.19	➤ Install EV charger preferably powered from either mobile solar or solar car port
3.20	➤ Install water machines for refilling bottle instead of repurchasing

## Water

### No.1 Cost & Carbon Reduction Concept Ideas

#### Behavioural Process

3.21	➤ Introduce signage to turn off taps and limit usage
3.22	➤ Advise staff not to run half loads in items like dishwashers
3.23	➤ Check for leaks and act swiftly to resolve

#### Procurement

3.24	➤ Engage in water audit and review results to purchase items advised like tank blocks etc
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#### Capital

3.25	➤ Replace taps with water limiting spray taps
3.26	➤ Replace taps with auto off function
3.27	➤ Insert tank blocks in cisterns

## Business Travel

### No.1 Cost & Carbon Reduction Concept Ideas

#### Behavioural Process

3.28	➤ Host as many meetings as feasible by technology solutions (Teams etc)
3.29	➤ Join as many visits as possible together to reduce mileage.
3.30	➤ Travel as a team if multiple people meeting in same place.
3.31	➤ Use electric pool vehicles for business trips where feasible especially if private vehicle is high emission type.
3.32	➤ Encourage or mandate use of trains or public transport if feasible.

#### Procurement

3.33	➤ Set up discounted charging card for staff use to encourage switch to electric.
3.34	➤ Use a carbon aware travel agent who books and reports on carbon measures

#### Capital

3.35	➤ Consider increasing number of electric pools cars to use instead of high emissions private vehicles where possible
3.36	➤ Add solar charging via EV chargers or solar EV chargers mobile or car port type to encourage staff to move to electric or hybrid vehicles (some grants available).
3.37	➤ Offer company incentives for staff to move to electric or hybrid vehicles (subsidised home charging unit, salary sacrifice, etc)

## Downstream Transport

### No.1 Cost & Carbon Reduction Concept Ideas

#### Behavioural Process

3.38	➤ Mandate better reporting by downstream service and product suppliers to better account for downstream transport in future years.
3.39	➤ Encourage by batching work geographically optimal transport use of especially specialist service suppliers like board companies.

#### Procurement

3.40	➤ Select suppliers with a view on carbon impacts as well as financial
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#### Capital

3.41	➤ N/A currently.
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## Employee Commuting

No.1	Cost & Carbon Reduction Concept Ideas
Behavioural Process	
3.42	➤ Educate staff on carbon footprint impacts of travel choices
3.43	➤ Increase home or hybrid working
3.44	➤ Encourage public transport
3.45	➤ Promote active travel, e.g., Walking and cycling
3.46	➤ Incentivise carpooling as travel option
Procurement	
3.47	➤ Review if the company can establish special deals for active travel options to incentivise this method of travel. Group bus etc.
Capital	
3.48	➤ Increase EV charging options at offices to encourage staff to move to electric cars
3.49	➤ Consider a pool vehicle option (electric or hybrid) with sufficient seats to enable a morning and evening shuttle to public transport location to make this an easier staff choice.

## Summary

The ideas list while not exhaustive are meant as requested to spark ideas for improvements alongside the improvements of data availability for following years carbon footprints reports.

The area of carbon reduction around technology solutions is fast moving and additional ideas will undoubtedly occur in short order. However, engaging in some of the above will set the business on the road to carbon and cost reductions, as well as embedding the ethos of sustainability in the business.

## Auditel assistance on the journey

We would request while Capital Coated Steel Ltd have got to know Auditel via our Carbon solutions, that it is not forgotten that our broader skills around carbon reduction technologies, energy procurement and management, overall procurement, and overhead cost reduction specialists, is equally as valuable on the forthcoming journey.

Auditel provide a comprehensive procurement service, covering over 100 cost areas across all sectors. When engaged at the right time, such as when negotiating prices and contracts with suppliers, independent external help that works alongside your existing operational teams, can level the playing field thereby ensuring you receive value for money from your suppliers.

Due to this procurement expertise, we can potentially self-fund your net zero journey, or even make it more profitable through cost removal and cost transformation. By blending Auditel's carbon solutions with our cost management and procurement expertise, you can feel confident that you are helping save the planet as well as making your business fit for the age of net zero.

At Auditel we believe passionately that effective procurement can save your organisation thousands of pounds and make you more competitive. We also know that achieving Net Zero doesn't need to COST the EARTH.

We look forward to the ongoing relationship and partnership with Cochran Group in the future on their carbon journey and potentially assisting them in providing an offering to their clients.

