

# Net Zero *Roadmap Builder*.

This tool supports operations, sustainability, and leadership teams in planning and tracking net zero progress. It includes templates for emissions tracking, intervention planning, accountability, and ESOS Phase 4 preparation.

## *Emissions* Tracker.

Use this table to capture baseline emissions across Scope 1, 2, and 3 categories:

Example below for illustrative purposes only.

| Scope   | Emission Source               | Annual Usage (kWh or unit) | Emission Factor | Emissions (tCO <sub>2</sub> e) |
|---------|-------------------------------|----------------------------|-----------------|--------------------------------|
| Scope 1 | On-site gas combustion        | 120,000                    | 0.18385 (BEIS)  | 22.06                          |
| Scope 2 | Purchased electricity (grid)  | 250,000                    | 0.19338 (BEIS)  | 48.35                          |
| Scope 3 | Business travel (car mileage) | 30,000 miles               | 0.28051 (BEIS)  | 8.42                           |

Refer to the latest UK Government emissions [factors](#).

## *Intervention Scoring* Matrix.

Score each opportunity based on implementation criteria and potential impact.

Example below for illustrative purposes only.

| Intervention         | Est. Cost (£) | Carbon Saving (tCO <sub>2</sub> e) | ROI (months) | Ease (1-5) | Priority (Low/Med/High) |
|----------------------|---------------|------------------------------------|--------------|------------|-------------------------|
| LED upgrade – site A | 5,000         | 8.5                                | 14           | 4          | High                    |

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# ESOS Phase 4 *Planning* Template.

Align activities with ESOS Phase 4 timelines and reporting requirements.

| Site / Asset | Planned Action | Target Start | Completion Date | Responsible Person | Est. kWh Saved |
|--------------|----------------|--------------|-----------------|--------------------|----------------|
|--------------|----------------|--------------|-----------------|--------------------|----------------|

## *Accountability* Table.

Track who owns what. Aligns delivery across operations, energy, finance, and compliance.

| Action | Department Lead | Exec Sponsor | Status (RAG) |
|--------|-----------------|--------------|--------------|
|--------|-----------------|--------------|--------------|

## Quarterly Review *Prompts.*

- Are emissions trending in line with your reduction target?
- Were last quarter's planned interventions delivered?
- Are there new blockers or risks?
- What funding or support is now available?
- Are you on track for ESOS Phase 4 annual updates?

## *Board Summary* Slide (Optional).

For internal reporting, build a 1-slide summary including:

- Current emissions vs. baseline
- Savings achieved (cost + carbon)
- Actions completed and in-flight
- Compliance status (e.g. SECR, ESOS)
- Investment needed for next phase

## Contact us.



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