Quattro Plant Ltd Decarbonisation Plan

Scope 1:	**Business as Usual**	**Do Minimum**	**Intermediate Option**	**Do Maximum**	**Business Benefits**
1.0 **Decarbonisation of Hire Operations** - in relation to Equipment and Plant only	1.1 Reliance on a mix of **ICE and Hybrid** equipment and Plant (100:0 transition to 60:40 by 2030). 1.2 Carry Out **HGV Fleet Assessment** (with Energy Saving Trust Tools).	1.3 Core: **Replace Van Fleet with new vehicles with Non ICE by 2026/27** and **Delivery Fleet** with the latest technology by 2028/29. 1.4 Offer Lean Logistics Training	1.5 Review use and benefits of **Fuel Conditioners and/or alternative eco fuels** (HVO/GTL). 1.6 Expand use **Electrified Plant** and Equipment. 1.7 **Deploy Electrified**	1.8 **Heavy Investment in EV Heavy Plant,** with support from key Partners (Doosan, JCB, others).	Support transition of Hire Fleet from Diesel to Hybrid, and Full EV where possible. Target timeframe; Reduce Scope 1 Emissions from 8,232.9 tCO_2e to 4,775.1 tCO2e (42%) by 2030.
	Carried forward	Carried forward	**Preferred way forward**	Discounted	
Status	Operational	Operational	Pilot Study	Future	

Scope 2:	**Business as Usual**	**Do Minimum**	**Intermediate Option**	**Do Maximum**	**Business Benefits**
2.0 **Decarbonisation of Depot Operations** - in relation to regional depots and HQ facilities.	2.1 Continue deploying **Energy intensity reduction** initiatives through use of movement sensors and LED lighting.	2.2 **Balance cost with energy mix** and investigate Quattro's forward thinking Energy Strategy	2.3 Corportate PPA in place to **contract Renewable Energy**. 2.4 Implement tools found in **ISO 50001 (Energy Management)**	2.5 **Investment in Technology** (Wind, Photovoltaic, Anearobic Digestion, or Combined Heat and Power (Biogas/Hydrogen) at Depot sites.	Power Purchase Agreements (PPA) procurement for Quattro facilities have a 5-7 year term. This strikes a balance between the typical 3-year horizon of the traditional electricity market and the longer term PPAs. Target timeframe; Reduce Scope 2 Emissions from 215.8 tCO2e to 125.1 tCO2e (42%) by 2030.
	Carried forward	Carried forward	**Preferred way forward**	Discounted	
Status	Operational	Scoping	Pilot Study	Future	

Scope 3:	**Business as Usual**	**Do Minimum**	**Intermediate Option**	**Do Maximum**	**Business Benefits**
3.0 **Decarbonisation of Value Chain** - in relation to all business services	3.1 Fight climate change through **Sustainable Procurement Policy** (ISO 20400). 3.2 **Specify and Procure General Low Energy products** (e.g. TCO/EPEAT accredited for Business Services). 3.3 Carry out a **Waste Audit** (and Waste	3.3 Core: **Buy modular, upgradable, repairable products** (e.g From Amazon to G.O.S).	3.4 For the Hire and Transport Fleet, **buy products with a LOW Carbon Footprint** of Xkg CO2 / £ spent (i.e. specification of NEW RRV). 3.5 Ensure **services can be delivered flexibly on low energy, low carbon means**.	3.6 Work with Strategic Partners, Suppliers and Communities to **establish a framework to cover (1) Climate Change, (2) Equal Opportunity, (3) Ethical Procurement and (4) Good Governance** (transparency)	Building a robust view of emissions with supplier-specific data and educating suppliers on how to implement low-carbon solutions is a win/win outcome for Quattro and the sectors we serve. Engaging in industry ecosystems to share best practices is key to Quattro's continued success (and growth).
	Carried forward	Discounted	Carried forward	**Preferred way forward**	
Status	Operational	Future	Scoping	Pilot Study	