**Product / Service:** Vehicle Purchase, Lease & Maintenance

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|  | **Negative Impacts / Risks** |  | **Positive Opportunities** |
| **Environmental** | * Production – high carbon production process, including non-recyclable & non-renewable materials & water (impact on biodiversity / mining impacts) * Vehicle fuel & emissions (carbon impact) * Disposal of hazardous consumables (e.g. oil) * Disposal of vehicles (short-life span / inbuilt obsolescence – adding to landfill) * Disposal of hazardous waste at end of life | * Review whole life carbon impact of vehicle (production & running) e.g. low CO2 / electric vehicles * Alternatives to travel e.g. video conferencing, Skype, online resources * Use of public transport or a car pool, rather than driving * Promoting conferences / meetings proximate to workplace * Vehicle recycling / stripping assets for re-use |
| **Social** | * International manufacturing supply chains (potential for issues such as child labour / poor pay & working conditions / health and safety breaches) * Working conditions of maintenance staff (long hours / low pay) * Transportation – congestion & noise impacting residents * Potential health & safety risks internationally – vehicles may not be subject to sufficiently stringent regulation | * Maintenance staff - local employment / living wage * Apprenticeship opportunities * Use of public transport or park & ride rather than driving direct |
| **Economic** | * Multiple purchases of individual vehicles (potential duplication) * Under-utilisation (depreciating asset) * Unnecessary travel * Waste disposal costs | * Share vehicles (overall cost reduction) & rationalise suppliers * Consider whole life cost of purchase v hire * Challenging demand – is the travel necessary? * Sell old vehicles for parts/metal scrap * Opportunities for local companies / small & medium enterprises e.g. garages, vehicle hire |

**RELATED PROC HE:** VA / VE / VF / VH / VK / VZ