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

|  |  |  |  |
| --- | --- | --- | --- |
|  | **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