**Product / Service:** White Goods (e.g. Kitchen Equipment such as Kettles, Fridges)

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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)
* Energy use of white goods (carbon impact)
* Vehicle fuel & emissions (carbon impact) – high order frequency of low value goods & multiple maintenance visits (incl. PAT tests)
* Goods may be delivered in excessive packaging
* Disposal of white goods & parts (short-life span / rapid obsolescence – adding to landfill) – may include hazardous waste
 | * Share white goods (decline in production / energy use / disposal)
* Energy efficient white goods (e.g. EnergyStar)
* Consolidated orders & reduced delivery frequency of low value white goods
* Low CO2 vehicles for delivery & maintenance visits
* Consolidate maintenance visits (incl. PAT tests) across sites
* Reduce levels of packaging / use recycled packaging
* White goods recycling / stripping assets for re-use
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| **Social** | * International manufacturing supply chains (potential for issues such as child labour / poor pay & working conditions / health and safety breaches)
* Working conditions of delivery / maintenance staff (long hours / low pay)
* Frequency & timing of deliveries & maintenance visits – congestion & noise impacting residents
 | * Delivery / maintenance staff - local employment / living wage
* Consolidated orders, deliveries & maintenance visits (including shared contracts)
* Donation of white goods or over-orders to charity / schools
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| **Economic** | * Multiple purchases of individual items (potential duplication)
* Under-utilisation (depreciating asset)
* Cost of energy used by equipment
* Multiple maintenance visits (incl. PAT tests) across sites – inefficient & costly
* Waste disposal costs
 | * Share equipment (overall cost reduction) & rationalise suppliers
* Energy efficient equipment (e.g. EnergyStar) – reduce energy bills
* Consolidate & align maintenance contracts across sites
* Sell old goods for parts/metal scrap
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**RELATED PROC HE:** FA