**Product / Service:** Metal & Ironmongery Products / Services

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|  | **Negative Impacts / Risks** |  | **Positive Opportunities** |
| **Environmental** | * Finite natural supply * Mining activity creates dust pollution, scarring of the landscape and loss of natural habitats * Processing activity creates waste, air pollution, water pollution & waste gases (e.g. carbon monoxide, acidic gases) * Energy & water use in mining & processing activity (carbon impact / natural resources / cost) * Vehicle fuel & emissions (carbon impact) – international deliveries * Disposal of products –landfill impact | * Consider recycled / reclaimed metal products * Consolidated orders * Low CO2 vehicles for delivery * Recycle & reuse metals (saves a finite natural resource & reduces waste disposal) |
| **Social** | * International supply chains (potential for issues such as child labour / poor pay & working conditions / health and safety breaches) * Work hazardous by nature e.g. health and safety risks for miners * Dust & noise from mining & processing activity * Frequency & timing of deliveries – congestion & noise impacting residents | * Job creation in the developing world * Apprenticeship opportunities * Consolidated orders & deliveries |
| **Economic** | * Recycled products may be more expensive | * Many UK manufacturers & distributors – opportunity to support local economy * Communities in the developing world benefit from mining & metal recycling revenues |

**RELATED PROC HE:** MJ / MQ