**Product / Service:** Blood & Human Tissue

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Negative Impacts / Risks** |  | **Positive Opportunities** |
| **Environmental** | * Energy use of storage & transit equipment (carbon impact) e.g. refrigerators (controlled environmental conditions) * Delivery vehicle fuel & emissions (carbon impact) – international supply chains * Products may be hazardous by nature and result in hazardous waste (expensive to transport, store & dispose of) | * Computer modelling techniques in research may avoid use * Energy efficient storage & transit equipment (e.g. EnergyStar) |
| **Social** | * Risks regarding legitimacy of source (due to need for anonymous samples) * Ethical considerations regarding how samples are obtained (e.g. in exchange for payment outside of the UK) * International supply chains (potential for issues such as poor working conditions / health and safety breaches) * Risk of safety issues in related research trials (e.g. diseases carried in samples) | * Potential benefit to society in identifying solutions to medical problems |
| **Economic** | * Potential fines for non-compliance to relevant legislation * Specialist facilities and staff required to store and handle samples | * Computer modelling techniques in research may avoid use |

**RELATED PROC HE:** LE