

**Waste**

**(WS01)**

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| **Fact Sheet WS01: Examine the major sources of wastes by performing a waste audit** | |
| **Overview** | |
| *Objective* | * To understand the different types of waste produced, such as paper, cardboard, glass, plastics, metals, food etc. to establish a baseline to compare progress against objectives and targets * To identify the Waste generation sources in the facility * To Identify the quantity and type of the waste generated from the facility |
| *Action* | * Identify the waste sources in the facility * Calculate your total waste volume and weight * Identify where waste is created * Conduct a waste audit |
| *Key Challenges* | * Lack of knowledge on how to identify the waste sources and type * Data unavailability |
| *Regulatory Aspects* | None |
| **Process** | |
| *Complexity* | Low to Moderate |
| *Equipment & Material* | None |
| *Human Resources* | HSE |
| **Considerations** | |
| *Advantages* | * Better understanding of the waste generated from the facility * Help in analyzing and selecting the most technical and feasible recycling alternative * Better planning for waste management |
| *Disadvantages* | * Might need contracting an expert for waste characterization (In case of the insufficiency of experience of the current staff) * Documentation and auditing activities |
| **Impact/Benefits** | |
| *Environmental* | Support developing appropriate action plans, and selecting low cost actions |
| *Employment Opportunities* | Moderate (depends on availability of staff) |