

**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
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| *Action* | * Identify the waste sources in the facility
* Calculate your total waste volume and weight
* Identify where waste is created
* Conduct a waste audit
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| *Key Challenges* | * Lack of knowledge on how to identify the waste sources and type
* Data unavailability
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| *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
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| *Disadvantages* | * Might need contracting an expert for waste characterization (In case of the insufficiency of experience of the current staff)
* Documentation and auditing activities
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| **Impact/Benefits** |
| *Environmental* | Support developing appropriate action plans, and selecting low cost actions |
| *Employment Opportunities* | Moderate (depends on availability of staff) |