

Worst Practice Factsheets

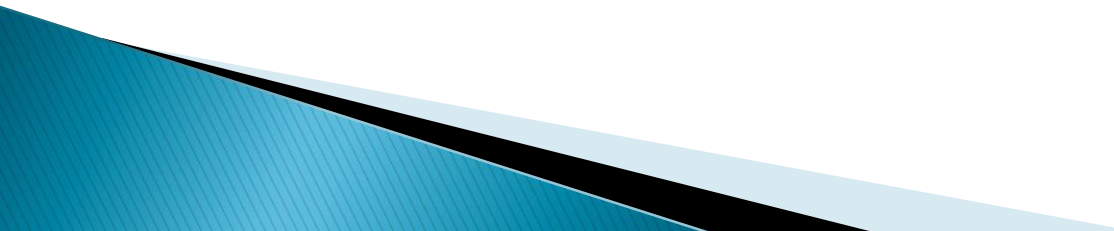
Recovery of Secondary Metals

commissioned by WRF as 'Annex A' of the ISO IWA Guidance Principles for the Sustainable Management of Secondary Metals under the Sustainable Recycling Industries (SRI) Programme

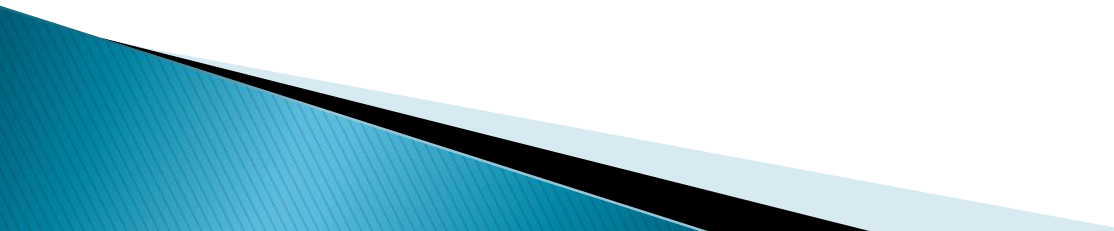
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Aim

- ▶ Annex A of Guidance Principles
 - ▶ Factsheets as a Reference Document
 - ▶ Standalone summaries
 - ▶ Baseline for improvement
 - ▶ Baseline for replacement of practices
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Criteria for Factsheets

- ▶ Linked to recover metals from any waste (not limited to WEEE)
 - ▶ Globally wide-spread practices as they might both be found in emerging and developed economies
 - ▶ Practice is known for severe (typically multiple) negative impacts with regards to the first four Principles
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Target Audience

▶ USERS (page 9):

- economic operators that wish to demonstrate that their metals recovered are compliant
- Governments that develop laws based on the GP because they can identify worst practices
- Public/private organisations wishing to use GP as framework for impact evaluation
- NGOs and Civil Society organisation wishing to use GP to raise awareness and build capacities towards development and implementation of better practices

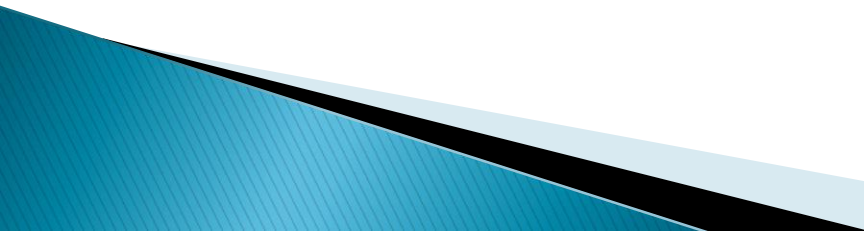
▶ Implementors

- Economic operators (involved in SA, UBA, OBA) who wish to comply with the 4 Principles and 17 Objectives and want to refrain from any worst practices

Generic Fact Sheet Structure

- ▶ Description of identified worst practice
 - ▶ Listing of process steps involved

 - ▶ Impacts aligned with Guidance Principles:
 - ❖ Safe, healthy and equitable working conditions
 - ❖ Community relations and resilience
 - ❖ Environment and natural resources (pathways of pollutants release)
 - ❖ Secondary metals recovery efficiencies

 - ▶ Better Practice Recommendations
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Worst Practices (linked to Processes as covered by the GPs)

- ▶ Collection *Bad Collection Practices*
 - ▶ Preparation *Crude dismantling / coarse shredding*
 - ▶ Metallurgical Processing *Amalgamation
Uncontrolled Chemical Leaching
Cooking
Uncontrolled Open Burning*
 - ▶ Disposal *Uncontrolled Open Dumping*
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