

Proposal for an International Workshop Agreement (IWA)

Guidance Principles for Addressing Sustainability Criteria in Secondary Resources Management – Focus on Metals

Proposer: The World Resources Forum Association (WRFA) through SNV (Swiss Association for Standardization), Swiss Member Body of ISO. SNV is willing to provide secretariat support to the IWA document.

1. Background of this IWA proposal

The World Resources Forum Association (WRFA)¹ is an independent non-profit international organization that serves as a platform connecting and fostering knowledge exchange on resources management amongst business leaders, policy-makers, NGOs, scientists and the public.

One of the flagship activities of the WRFA is the Sustainable Recycling Industries (SRI) Programme (<http://www.sustainable-recycling.org/>) whose objective is the sustainable integration and participation of Micro, Small and Medium Enterprises (MSMEs) from developing and transition countries in the global recycling of secondary resources.

The SRI programme is funded by the Swiss State Secretariat of Economic Affairs (SECO) and is jointly implemented with the Institute for Materials Science and Technology (Empa) through three linked programme components: (a) Life Cycle Inventories development in selected regions; (b) Capacity Building on sustainable recycling for MSMEs in selected developing and transition countries; and (c) international Roundtable on Sustainable Recycling Industries (SRI Roundtable).

The SRI Roundtable has the aim to bring together key actors, experts and organisations in the field of sustainable management of secondary resources to jointly develop “**Guidance Principles (GP) for Addressing Sustainability Criteria in Secondary Resources Management**”.

Following the publication of the GP, the Roundtable is intended to test them in SRI participating countries, such as India, South Africa, Colombia, Ghana, Egypt and Peru. Findings and learnings from the testing exercise will help refining future activities to be agreed by the Roundtable (i.e. development of GP focusing on other secondary materials such as plastics).

Based on WRFA and Empa’s experience in recycling activities in developing countries and following a consultation with key national, regional and international partners, the existence of

¹ <http://www.worldresourcesforum.org/>

a gap between general guides addressing all kinds of products (ISO Guide 82) and the ones specific for materials (e.g. Aluminium Standard Initiative – Performance Standard, RSB Principles & Criteria for Sustainable Biofuel Production) became evident. It was also confirmed that there is insufficient guidance for metal recyclers in developing countries especially on the treatment and monitoring processes.

SNV, the Swiss Association for Standardization (SNV), as a direct representative of global and European standardization efforts (through the ISO and CEN respectively) is supporting this proposal and is willing to provide the secretariat for this IWA

The IWA has been identified as a suitable mechanism to respond to the need for international consensus on GP in terms of timing, the consensus process and the international outreach.

2. IWA Proposers

The following organization is proposing the development of this IWA:

World Resources Forum Association (WRFA) Secretariat
Empa building, Lerchenfeldstrasse 5 CH-9014 St. Gallen Switzerland
Phone: +41 71 554 0900
<http://www.worldresourcesforum.org/>

2.1. Objectives of this IWA

The objective of this IWA is the development of a document with the title “**Guidance Principles (GP) for Addressing Sustainability Criteria in Secondary Resources Management – Focus on Metals**”.

These GP shall ensure that environmental and socio-economic aspects of secondary metals management (collection, pre-processing, end-processing and disposal)² are taken into account in current and emerging standards on specific metals, in particular regarding the context and needs of MSMEs in developing countries. Considering that resources recovered after their end-processing go back to the same or a different product life cycle, they are in line with and support the ‘circular economy’ approach.

It is proposed that the initial development and publication will be in the form of an IWA with the possibility to develop this IWA further into a full ISO standard according to ISO procedures.

The IWA shall consist of two sections, but in one document. However it is suggested to elaborate the sections in sequence, as shown in the workshop plan.

The sections are:

² According to the Solving the E-Waste Problem (Step) White Paper with ‘Recommendations for Standards Development for Collection, Storage, Transport and Treatment of E-waste’ (2014), recycling operations are typically executed in two steps: 1) preprocessing, which prepares the e-waste for material recovery, and 2) end-processing, which consists of material recovery prior to the incineration or landfilling of any remaining material.

Section 1: Sustainability criteria

Section 2: Governance

2.2. Benefits of this IWA

The proposed IWA would benefit the implementation of the SRI Programme for the following reasons:

- Appropriate timeline as established in Annex B of the IWA Guidelines. Publication expected in less than 16 months. Credible international consensus process.
- Increases global outreach of the SRI Programme through synergies with the ISO network.
- Review required after 3 years to extend validity and update relevance of the IWA document.

ISO would also benefit from WRF's participation as proponent due to the following reasons:

- Broader participation of stakeholders (i.e. from developing countries) and world-wide known experts on recycling activities from WRFA's network.
- Resources available.

Beneficiaries of the implementation of the resulting IWA would be as follows:

- MSMEs and formal/informal workers in the recycling sector of secondary metals, as well as the affected communities, in developing countries.
- Value chain holders, also from industrialized countries such as end-processing industry for secondary metals and original equipment manufacturers (OEMs)

3. The IWA process

The IWA process shall ensure that key actors, experts and organisations in the field of sustainable management of secondary metals cooperate in order to develop internationally recognized GP that shall serve the interest of the recycling industry world-wide with a specific focus on MSMEs in developing countries.

Therefore, the IWA process would include the participation of at least the following key stakeholders:

- ISO members interested in and available to contribute to this activity.
- Government representatives, including representatives of developing countries.
- International (Intergovernmental) Organizations and Cooperation Agencies related to the topic.
- Metal and recycling associations and industries, including the end-processing industry for secondary metals.
- Original Equipment Manufacturers (OEMs) and related industry associations.

- Standard setting initiatives for sustainable metals.
- NGOs.
- Experts and research institutions.

In addition to the ISO members, stakeholders from 16 countries and regional and global organizations have been identified and most of them have already declared interest in participating (See Annex I).

Moreover, this IWA process would also bring benefits to stakeholders as follows:

- Open participation in the international workshop of key national, regional and international stakeholders active and concerned about secondary resources management. First hand comments and contributions are not only feasible, but desired.
- Potential linkage with SRI's activities for testing the GP in SRI participating countries.

4. Cooperation

Cooperation and liaisons with relevant bodies may be identified at the kick-off meeting or at subsequent IWA meetings in conjunction with the World Resources Forum Conference, Davos, Switzerland.

5. Workshop plan

Milestone	Event	Deliverable	Objective
2015 March	Submission to ISO TMB		Approval from TMB members
2015 Sept	Finalization of working draft 0 by the Secretariat	GP Draft 0 of the annotated outline ³ (sections 1 and 2) ⁴ and Draft 0 of section 1	Provide a first version of the annotated outline to be discussed at the kick-off meeting and workshop session #1.
2015 Oct (1/2 day)	Kick Off Meeting in Davos, in conjunction with the World Resources Forum Conference	Approved GP Draft 0 of the annotated outline (sections 1 and 2) and Draft 0 of section 1	Presenting IWA project Agreeing on timeline and additional experts to be invited Approving the Drafts 0 of the annotated outline and of section 1 to

³ An annotated outline includes the title, aim of the document and a description of the main audience. It also indicates the items that might be covered with a short summary, keywords and proposed length per item. It also includes initial references to be considered.

⁴ Section 1 includes the sustainability criteria and section 2 the governance aspects.

			be discussed at the Workshop session #1
2015 Oct (2 days on 15 and 16 Oct)	Workshop session #1 in conjunction with the World Resources Forum Conference	GP Draft 0 of the annotated outline (sections 1 and 2) and section 1	Debating/integrating comments on the Draft 0 of annotated outline (sections 1 and 2) and of section 1
2015 Dec	Public review- Section 1	Draft 1 of section 1	Getting relevant feedback from key stakeholders that are not able to participate in the Workshops.
2016 January (1 day)	Workshop session #2 By Conference call, if necessary	GP Draft 2 of section 1 and Draft 0 of section 2	Debating/integrating comments on the Draft 2 of section 1 and Draft 0 of section 2 of IWA document
2016 Feb	Public review-Section 1	Draft 3 of section 1	Getting relevant feedback from key stakeholders that are not able to participate in the Workshops.
2016 March (3 days)	Workshop session #3 By Conference call, if necessary	GP Draft 4 of Section 1 and GP Draft 0 of section 2	Debating/integrating final comments on the Draft 4 of section 1 IWA document and of Draft 0 of section 2
	Public review – Section 2	GP Draft 1 of section 2	Getting relevant feedback from key stakeholders that are not able to participate in the workshops.
2016 May (1 day)	Workshop session #4 By Conference call, if necessary	GP Draft 2 of section 2	Debating/integrating comments on the Draft 2 of section 2
2016 May	IWA final version – Section 1	Submitted GP v1 section 1	Debating/integrating substantive and editorial comments on the GP v1 section 1 of IWA document.
2016 June	Public Review	GP Draft 3 of section 2	Getting relevant feedback from key stakeholders that are not able to participate in the Workshops.
2016 July (1 day)	Workshop session #5 By Conference call, if necessary	GP Draft 4 of section 2	Debating/integrating comments on the Draft 4 of section 2
2016 July	IWA publication – Section 1	GP v1 section 1 published ISO/IWA GP v1	ISO/IWA public version – Section 1.
2016 August	IWA final version – Section 2	Submitted GP v1 section 2	Debating/integrating substantive and editorial comments on the GP v1 section 2 of IWA document.
2016 October	IWA publication – Section 2	GP v1 section 2 published ISO/IWA GP v1	ISO/IWA public version – Section 2.

Annex I

Annex 1: Proposed list of potential stakeholders. NOTE: List is not exhaustive

A. Per country and type of organization

1	Sims Metal Management (SimsMM)	PRIVATE	Australia
2	ECOBAS3R	PRIVATE	Chile
3	Samsung Heavy Industries	PRIVATE	South Korea.
4	reciclametal	PRIVATE	Ecuador
5	British Metals Recycling Association (BMRA)	ASSOCIATION	England
6	Renault	PRIVATE	Francia
7	EPA Ghana	Government	Ghana
8	German Ministry for Environment	Government	Germany
9	German Mineral Resources Agency	Government	Germany
10	German Ministry for Foreign Affairs	Government	Germany
11	China Railway Group Limited	PRIVATE	Hong Kong
12	PROME	PRIVATE	Mexico
13	WERBA	PRIVATE	Montevideo / Uruguay
14	SMRANZ (Scrap Metal Recycling Association of New Zealand)	ASSOCIATION	New Zealand
15	MRA(METAL RECYCLERS ASSOCIATION OF SOUTH AFRICA)	ASSOCIATION	South Africa
16	DESCO (Electronic Recycler)	PRIVATE	South Africa
17	Metalco Recycling	PRIVATE	South Africa
18	Skansa	PRIVATE	Sweden
19	SNV	ISO member	Switzerland
20	EMPA	RESEARCH	Switzerland
21	TB added		Switzerland
22	Dutch Ministry of Environment	Government	The Netherlands
23	ISRI (Institute of scrap Recycling Industries, Inc.)	ASSOCIATION	USA, Washington DC

B. Regional and global organizations and listed per type of organization

No	Name	Type	Regional/Global
24	WEEEE Forum	Network	Europe
25	Eurometeaux	ASSOCIATION	Europe
26	European Commission, DG Enterprise	Government	Europe
27	BRI (Bureau of International Recycling)	ASSOCIATION	Global
28	[Former] Platinum Roundtable	ASSOCIATION	Global
29	Fair Trade	ASSOCIATION	Global
30	Global e-Sustainability Initiative	ASSOCIATION	Global
31	IRMA (Initiative for Responsible Mining Assurance)	ASSOCIATION	Global
32	The Responsible Jewellery Council	ASSOCIATION	Global
33	The Aluminium Stewardship Initiative (ASI)	ASSOCIATION	Global
34	Worldsteel Association	ASSOCIATION	Global
35	World Gold Council	ASSOCIATION	Global
36	World Resources Forum	ASSOCIATION	Global
37	Basel Convention	IGO	Global
38	ITU	IGO	Global
39	Minamata Convention	IGO	Global
40	OECD	IGO	Global
41	UNEP IRP	IGO	Global
42	UNU StEP	IGO	Global
43	UNIDO	IGO	Global
44	ISO	INT ORGANISATION	Global
45	SOMO	NGO	Global
46	WorldLoop	NGO	Global
47	WWF	NGO	Global

48	Alcoa	PRIVATE	Global
49	Apple	PRIVATE	Global
50	HP	PRIVATE	Global
51	Intel	PRIVATE	Global
52	Samsung Electronics	PRIVATE	Global
53	Sony	PRIVATE	Global
54	Tata	PRIVATE	Global
55	Toshiba	PRIVATE	Global
56	Toyota	PRIVATE	Global
57	Umicore	PRIVATE	Global
58	Volkswagen	PRIVATE	Global