

Justin Furness Council for Aluminium in Building







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ASI Standards

- · Performance Standard Part 1:
- Principles and Criteria [v1 Dec 2014]
 Performance Standard Part II:
- Indicators, Means of Verification and
- Guidance Notes [draft 0 tbc 2016]

 Chain of Custody Standard [draft 2 Jan 2015]

What?

responsible sourcing responsible materials sourcing:

holistic approach to managing a **product** from the point at which a *material* is mined or harvested in its raw state through manufacture and processing through use, reuse and recycling, until its final disposal as **waste**.

ISO/CD 6707-3



Why?









How?







• Perin

Indi Gui • Cha Jan



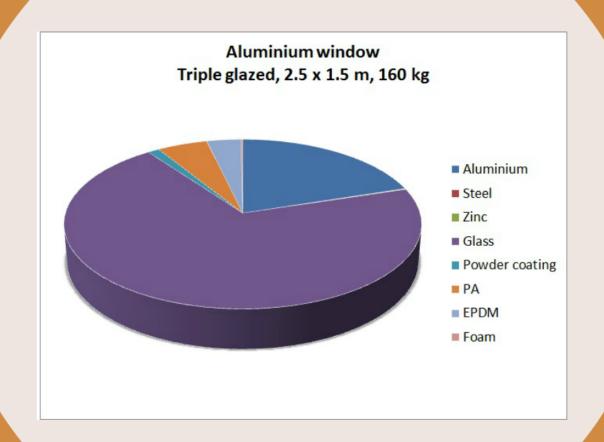








Complex products





How?







• Perin

Indi Gui • Cha Jan









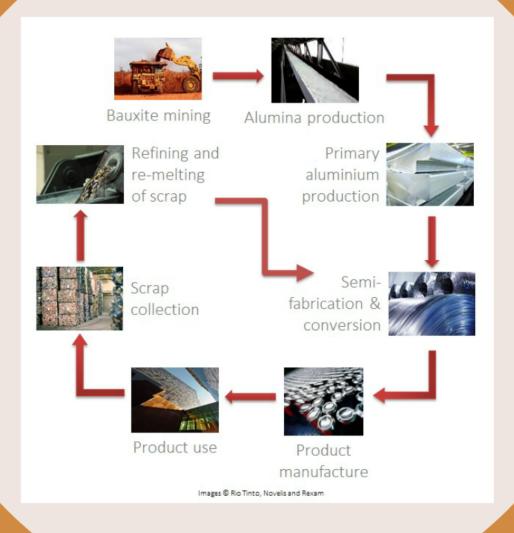


Basis for assessment

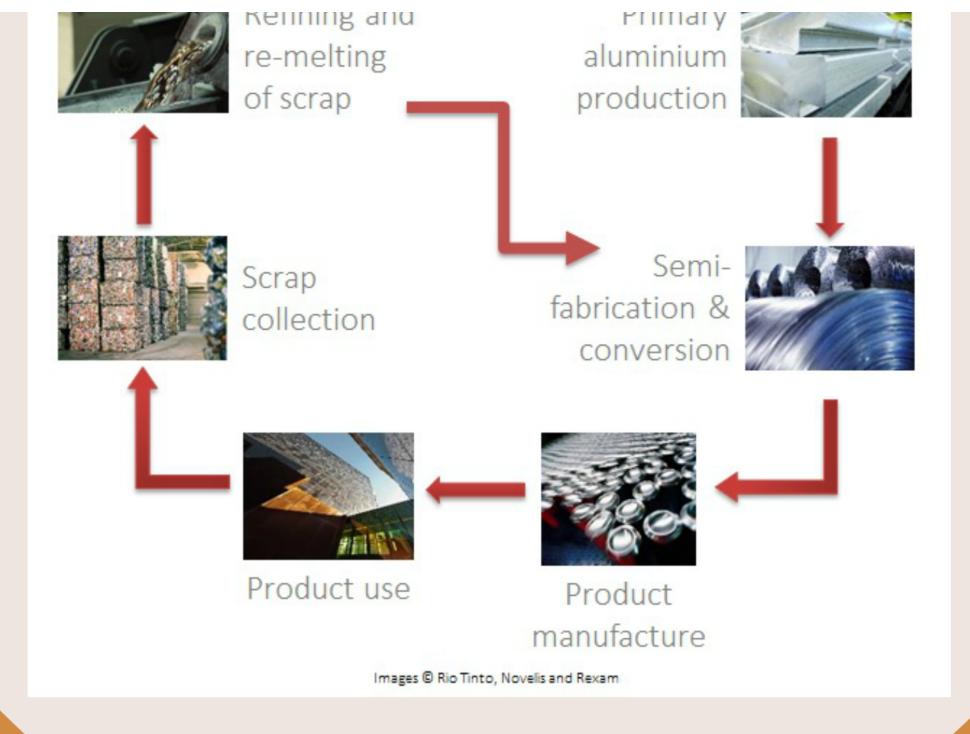




Aluminium value chain









l Health and Safety

Gas Emissions Effluents and Waste

with BS 8902

Aluminium Stewardship Initiative













































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Application

Aluminium production stage/ process	ASI Performance Standard (all aspects)	ASI Performance Standard (Aspect 4: Material Stewardship only)	Chain of Custody Standard
Semi-fabrication (rolling, extrusion and casting)	✓		✓
Re-melting/ recycling	✓		✓
Material conversion	√ *		✓
Consumer/ commercial goods suppliers	×	✓	✓

^{*}for products where aluminium is the major part of the product (by weight)



Performance Standard



- Business Integrity
- Policy and Management
- Transparency
- Material Stewardship



- Human Rights
- Labour Rights
- Occupational Health and Safety

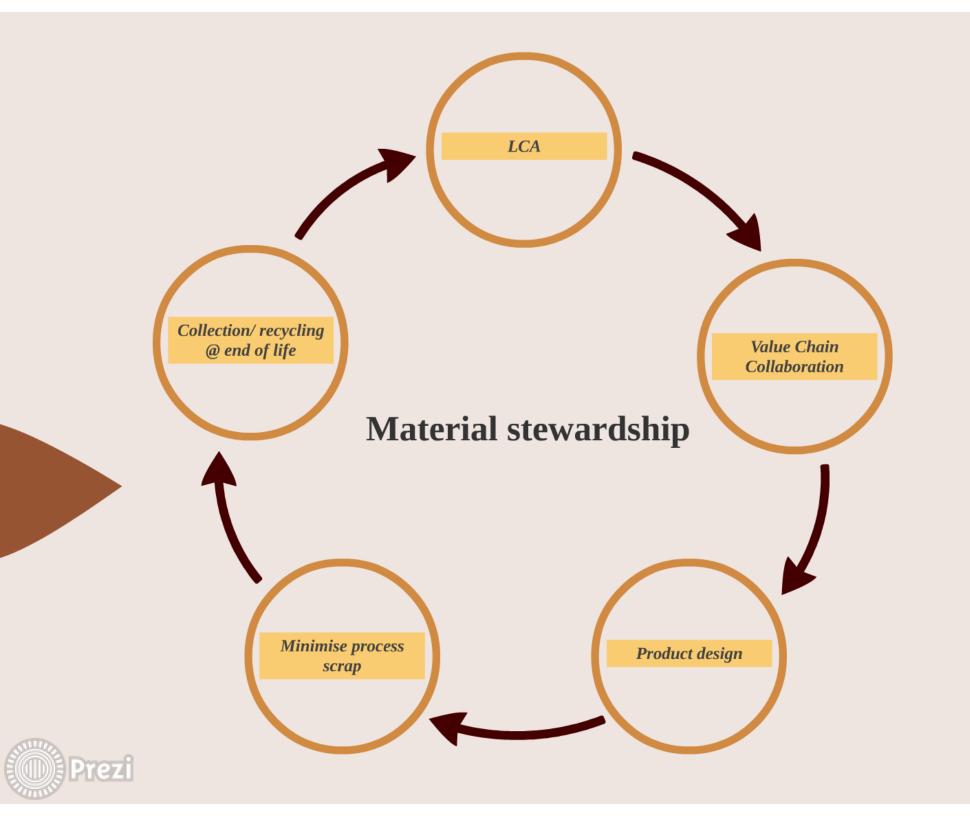


- Greenhouse Gas Emissions
- Emissions, Effluents and Waste
- Water
- Biodiversity



correlation with BS 8902





LCA



Value Chain Collaboration



Product design



Minimise process scrap



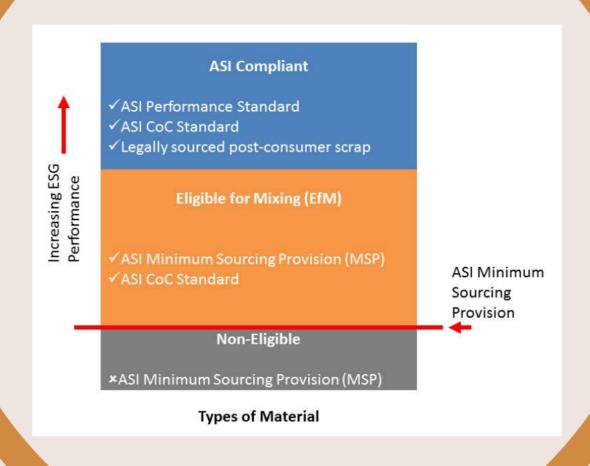


Collection/ recycling @ end of life





Chain of custody





Mass balance



- CoC draft standard to be revised in 2015
- Supply chain and complex products
- Consultation in Q1/Q2 2016





Application





ASI Standards Performance Standard Part 1: Principles and Criteria [v1 Dec 2014] Performance Standard Part II:

Indicators, Means of Verification and Guidance Notes [draft 0 tbc 2016] Chain of Custody Standard [draft 2

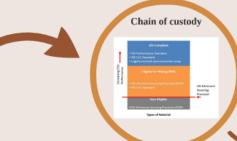


Aluminium **Stewardship Initiative**

























What?

ASI development

2015 – General frameworks

- Develop governance and business model
- Develop proposed assurance model ASI Assurance Manual
- Further work on CoC standard
- Stakeholder outreach

2016 – Implementation model

- · Develop online assessment platform
- Develop monitoring and evaluation framework
- Broad stakeholder consultation on CoC standard
- Implement auditor accreditation process
- Pilot testing of standards and assurance model
- Enhanced China engagement

2017 – Operation

- Finalisation of all normative documents
- Mid-late 2017: ASI Certification begins operation



Next steps

- CAB is an ASI Associate Member to help develop the Standards
 - Material Stewardship and CoC
- Implementation of ASI in our sector
 - Handling of complex/ multi-material products
- Raise awareness of ASI
 - CAB members
 - Main contractors
 - Sustainable building assessment schemes
- Help CAB members to gain ASI accreditation
 - Responsible Sourcing toolkit







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