

Building a Responsible and Sustainable Aluminium Value Chain: The Role and Progress of Aluminium Stewardship Initiative (ASI)

Chunming Dong

General Manager

Sunlight Metal Consulting, Beijing, China

Corresponding author: chunmingdong@sina.com

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Abstract

This article briefly introduces Aluminium Stewardship Initiative (ASI), the sole sustainability standard-setting and implementation body in the aluminium value chain and outlines its global progress and achievements. It elaborates on ASI's approaches and practices in addressing sustainability challenges within the aluminium industry, with a focus on climate change, nature-positive initiatives, circularity, and human rights. The article specifically highlights standards developed and efforts undertaken by ASI to tackle challenges in bauxite mining, alumina refining, and aluminium smelting. It also introduces the Chinese aluminium industry's engagement with ASI standards, as well as its capabilities and stewardship in building a sustainable global supply chain.

Keywords: Aluminium Stewardship Initiative (ASI), Aluminium value chain, Sustainability standards, Chinese aluminium industry, Climate change.

