

## **ATF-06-01—Aluminium Measuring and Benchmarking**

### ***Project Description***

This project will develop a process and indices for benchmarking and measuring aluminium sustainability and provide Partner countries with the necessary knowledge to facilitate the data collection. Included will be a selection of sustainability indices to be benchmarked and updated (period to be determined) by Partner countries. The indices will be consistent with those currently used by the International Aluminium Institute (IAI). Indices tracked will also be coordinated with the efforts under other project plans for PFC management, fluoride emissions management and recycling. Areas included will be bauxite mining, alumina production, and primary aluminium production and semi-fabricated aluminium. Aluminium production data will be used to determine indices of sustainability on a tonne of aluminium produced basis.

### ***Objectives***

To have data collected from each Partner, consistent with the industry memorandum of understanding, on a three-yearly basis, to monitor progress against an agreed sustainability benchmark to assist with the continued efficiency and environmental performance of the industry.

### ***Performance Indicators***

- A completed set of sustainability indices for each Partner to benchmark and monitor that comprehensively addresses aluminium sustainability performance for all relevant sectors of the industry.
- Relevant expertise is deployed to Partner countries to ensure accurate and consistent data collection.
- A tri-annual updating of sustainability indices by nation and for aluminium sectors including bauxite mining, alumina refining, primary aluminium production and aluminium semi-fabrication operations.

### ***Milestones***

2006–mid 2007 Adopt standard set of sustainability indices for measurement and benchmarking, consistent with current IAI sustainability activities.

Agree to common reporting format.

Identify and initiate training requirements for data collection for each Partner.

Establish data collection systems and reporting processes within all Partner countries.

2008 All Partner countries to collect data in the IAI format and provide to an agreed international organization (to be determined) with expertise in data collection and analysis.

The data collection and analysis organization will analyze this data and provide aggregate to Partners, which will be used as the initial year benchmark data.

The data collection and analysis organization will analyze data and report outcomes based on the agreed sustainability indices.

2009 Report the first year variation of Partner country performance against sustainability indices.

***Resources***

The data collection and analysis organization to develop a database to accommodate variations for the sustainability indices.

The data collection and analysis organization to establish a reporting format for Partner use.

Consultant engaged to undertake training in Partner countries for the data collection and reporting process.

***Participation***

Australia, China and the United States.