

Australasian (iron & steel) Slag Association Incorporated

Registered No. Y 13273-40

**An incorporated Association under the NSW
Associations Incorporation Act 1985**

Member Information Package

January, 2009

INTRODUCTION

The Australasian (iron & steel) Slag Association Incorporated (ASA) was formed in 1990 by a group of leading steel, cement, quarrying and slag processing companies, with the common interest of increasing community, business and government awareness of the superior construction properties, environmental and value added benefits derived from the various iron and steel furnace slags (ISS).

The current activities of the ASA are primarily focused on increasing users', stakeholders', and regulators' awareness of the uses and benefits arising through the effective utilisation of slag, which is a valuable renewable resource.

Iron and steel slags (ISS) - such as those produced during the process of making iron and steel in Australia, represent a significant alternative raw material source totalling almost 3.5 million tonnes annually. Putting this volume into context, globally it is estimated that more than 200 million tonnes of iron and steel slag are produced annually (Kalyoncu 2004).

The incorporation of ISS into general and commercial construction applications where traditional materials are used must become common practice in an increasingly resource constrained world.

ASA INC VISION, MISSION AND OBJECTIVES

Vision

The Australasian (iron & steel) Slag Association Inc. will be an independent, authoritative and respected central reference point to all stakeholders – Members, Community, Educators and Government on all matters regarding iron & steel slag.

Mission

The Australasian (iron & steel) Slag Association Inc. will investigate and advocate for the effective and beneficial use of iron & steel slag with all key stakeholders. The ASA will collect and disseminate information relevant to all interested parties, which stimulates the full and beneficial utilisation of iron & steel slag materials. We will utilise forums where information interchange between stakeholders will benefit the understanding of this valuable resource.

Objectives:

- To **promote** and **stimulate** the use of slag consistent with the public interest and to perform all desirable and lawful functions necessary for the **efficient, constructive and beneficial operation** of the Association.
- To **investigate** and **exploit** the **technical merits** of slag in the fields where use already has been or may be further developed for the material.
- To **collect, classify** and **transmit** to its members, procurable **data** which **pertains** to the **present** or **possible** uses of slag.
- To provide **information** and **publicity** for the purpose of presenting to **Engineers, Architects, Contractors** and others **interested** in work where **slag** may be utilised, authentic data that will aid in the accomplishment of the aims of the Association.
- To **co-operate** with other Associations, **technical societies, laboratories and governmental bureaus** to the end that **full recognition** be accorded slag, in all uses that may be developed for it, as a well-defined, **technically desirable mineral**.
- To **recognise** that in the pursuit of the **objectives** of this Association all laws of Australia and New Zealand and their various State and Territories **shall be upheld** to the fullest and that any **conduct or activity contrary** to this principle **shall not be**

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condoned and further, appropriate disciplinary action, including expulsion, shall be taken.

MEMBERSHIP, GOVERNANCE AND MANAGEMENT STRUCTURES

The ASA is incorporated under the Associations Incorporation Act 1984 (NSW) Registered No. Y 13273-40. It is a not-for-profit organisation which carries out **research** and **technology transfer** on behalf of its members. As such, it is exempt from paying income tax in Australia. The association has adopted a constitution setting out its governance, membership structures and rights. In summary,

This Association has three grades of membership:

- **Full membership** is open to producers, processors, and marketers of slag. Annually all members will be required to report total slag production and or product/sales corresponding with each category. These reported results will be combined to calculate the membership levy for each company based on the combined contribution volumes. The total association's membership annual contribution volumes are then divided into the approved operational budget for the period - providing a levy per tonne.

Category 1 Sales of slag for use in cement binders - (1:1 ratio)
(GGBFS, binder based applications)

Category 2 Sales of slag not covered by Categories 1 or 3 – (1:3 ratio)
(GBFS Aggregates, road bases, asphalt applications)

Category 3 Producers of slag materials – (1:9 ratio)
(Total production of slag annually)

For each category the following **minimum** fee shall apply,

- Category 1 fee of \$10,000 (excluding GST)
- Category 2 & 3 membership fee of \$4,500 (excluding GST)

Each members primary category (1,2 or 3) will be that in which the largest volume of slag was sold. Full members have voting rights at all Association meetings.

- **Associate** and **Overseas Membership** is open to any organisation or individual interested in the objectives of the Association. The annual membership fee for Associate membership is \$550, inclusive of GST. Overseas membership fee is \$600 (no GST). Associate and Overseas Members are encouraged to attend and participate in all association activities and meetings, however they do not have voting rights.

The association operates on the basis of **consensus**. Accordingly, all matters related to changes to our objects must be put before the association members and require a vote. The ideals of consultation and cooperation are encouraged for the development of all positions to be taken by the association on the matters related to slag.

The governance of the association shall provide the following structures from member participation, consistent with rights associated with each grade.

A **General Meeting** of all members will be the ultimate governing body of the association and will be responsible for resolving, at least annually the following:

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- To receive annual financial statements and adopt where appropriate;
- To elect members to the management committee;
- Receive other general business.

The **Executive Committee** [Board of Directors] consisting of elected members from the General Meeting are responsible for all matters relating to the monitoring and review of the association between General Meetings, responsibilities include:

- Meets a minimum of three times each year to conduct its regular business;
- Only full members elected to this committee can attend these meetings;
- To govern the organisation rather than manage;
- To determine an annual plan which set out policy and activities to be executed;
- Making decisions on proposals proposed by management, which is consistent with the objects as determined by the General Meeting.

Technical and Research committee meetings are convened at regular intervals, responsibilities include:

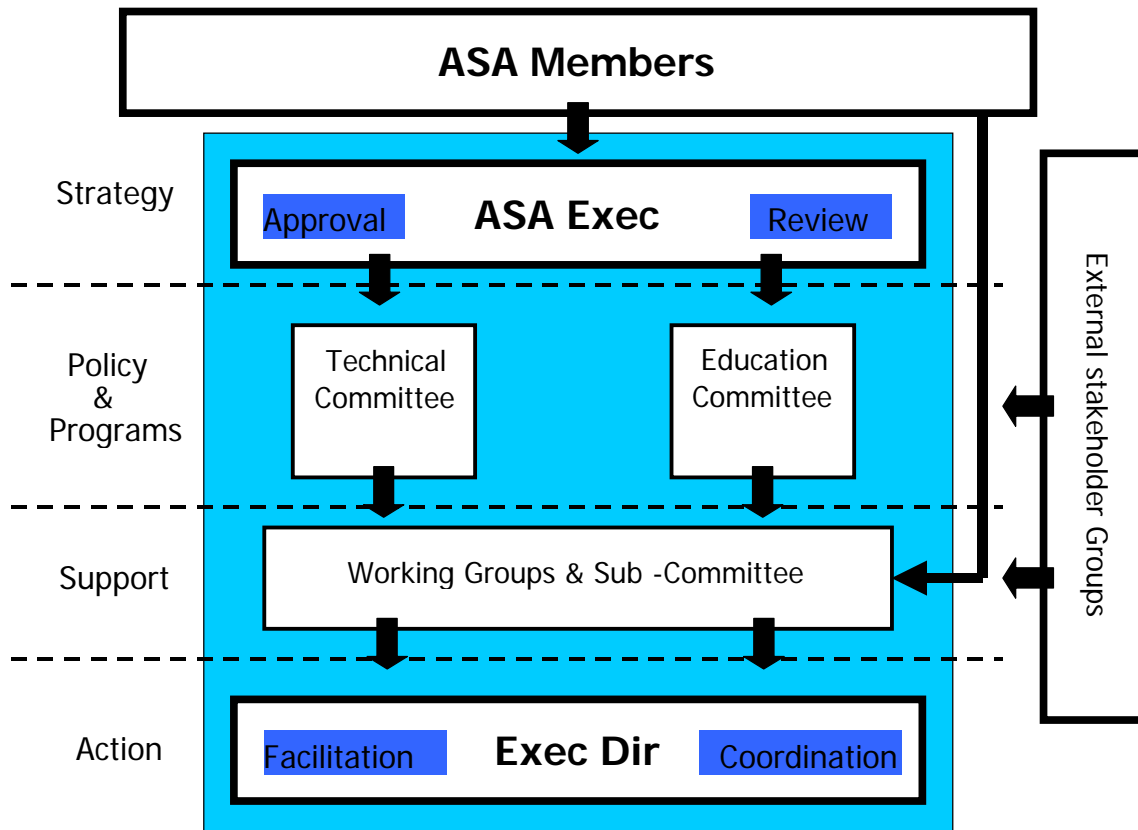
- Meet three (3) times annually;
- Represent the association on relevant standards committees;
- Discuss, debate and consider information on matters important to members and develop agreed positions;
- Ensure that information on industry developments are exchanged;
- Focus on technical and research program issues with guest speakers invited on occasion

The association **secretariat** support is provided through a contracted specialist management company (HBM Group). The secretariat is responsible for managing, day-to-day operations, support staff and research and development programs and associated external relationships. Figure 1 shows graphically the governance and organisational structures and relationships.

In particular the **secretariat** is responsible for the management and further development of the ASA objectives:

- To represent the Association at all levels of government and help facilitate the continued growth in the beneficial utilisation of slag;
- To represent the ASA at conferences and meetings which are of relevance to the Associations objectives and consistent with current priorities;
- To maintain and grow membership revenue streams, through increasing participation rates of marketers and producers;
- To provide strategic management and leadership of the Association and relevant program in consultation with the chairman and the management committee.

Figure 1 – Governance and organisational structure



STRATEGIC POLICY AND PLANS

The association operates a five (5) year industry business plan to guide activities and direct resources appropriately. The objectives in the current plan whilst continuing to be relevant today will remain in place until the end of 2012: where, the executive committee will review and approve the next five (5) year plan.

The current plan has three (3) strategic themes focusing on priority areas determined and valued by members. These are:

Advocacy (AO)

To investigate, develop and promote legislation, policy, and standards which recognise the true value of iron & steel slag materials. To remove legislative, regulatory and specification barriers to iron & steel slag use where they exist.

Education (EO)

Promote the environmental and technical merits of iron & steel slag usage; promote the preservation of natural resources and the reduction of green house gases.

Technology (TO)

Reduce technology gaps in our understanding of iron & steel slag materials performance, durability and acceptance by the user community.

RESEARCH & DEVELOPMENT, EDUCATION AND TECHNOLOGY TRANSFER

Scientific research is carried out directly through contract research or by collaborative agreement, where the cost is shared between ASA and other interested parties. The ASA in conjunction with various individuals or companies has produced numerous (1500) research reports on the use of iron and steel slag since the association's inception.

Technology transfer undertaken by the Association to promote the use of slag includes:

- Attendance at conferences and seminars, presenting papers and trade displays.
- Conducting internal seminars on slag usage for companies and organisations.
- Publication of research reports, technical notes and data sheets, which cover the uses of slag and particularly ASA research and results.

Projects completed to date are available on our website visit www.asa-inc.org.au

LIST OF MEMBERS AND ASSOCIATES – January 2009

Australian Steel Mill Services	Cemex Ltd
BlueScope Steel Ltd (Port Kembla)	Roads & Traffic Authority of NSW
Blue Circle Southern Cement	Onesteel (Melbourne)
BIS Industrial Logistics (Whyalla)	Onesteel (Newcastle)
Concrite	Steel Cement Ltd
CSIRO CMIT (Melbourne)	SteelServ (NZ)
Cement Australia	Steelstone Services (Aust)
HiSmelt Ltd	Sunstate Cement
Holcim NZ	University of Wollongong
Hunter Mill Services	Premium Tyre Service
Komatsu Australia	National Slag Association (US) (affiliated)
Multiserv Australasia	Nippon Slag Association (Japan) (affiliated)
University of Newcastle	European Slag Association (EU) (affiliated)

ASSOCIATION RULES

The Association has adopted the model rules of the New South Wales Associations Incorporation Act with minor modifications to suit the Association's needs. Copies are available upon request.

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