AUSTRALIAN BATTERY RECYCLING INITIATIVE

Who we are and what we do



Our members













































TES-AMM







Batteries



















PowerCell.





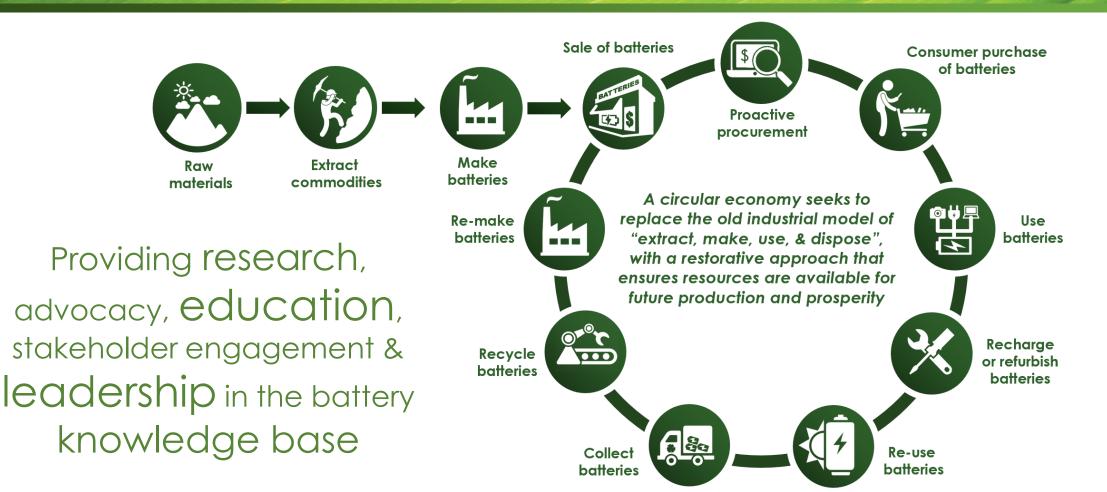








ABRI vision is to facilitate a circular economy



ABRI is the first point of call for information on battery stewardship & recycling

Batteries by the numbers



Lead acid batteries provide a stellar example of a circular economy



handheld batteries, weighing 17,500 tonnes,

were sold into the Australian market

14,700 tonnes reached their end-of-life that year

We only recycled 2.7 % of them

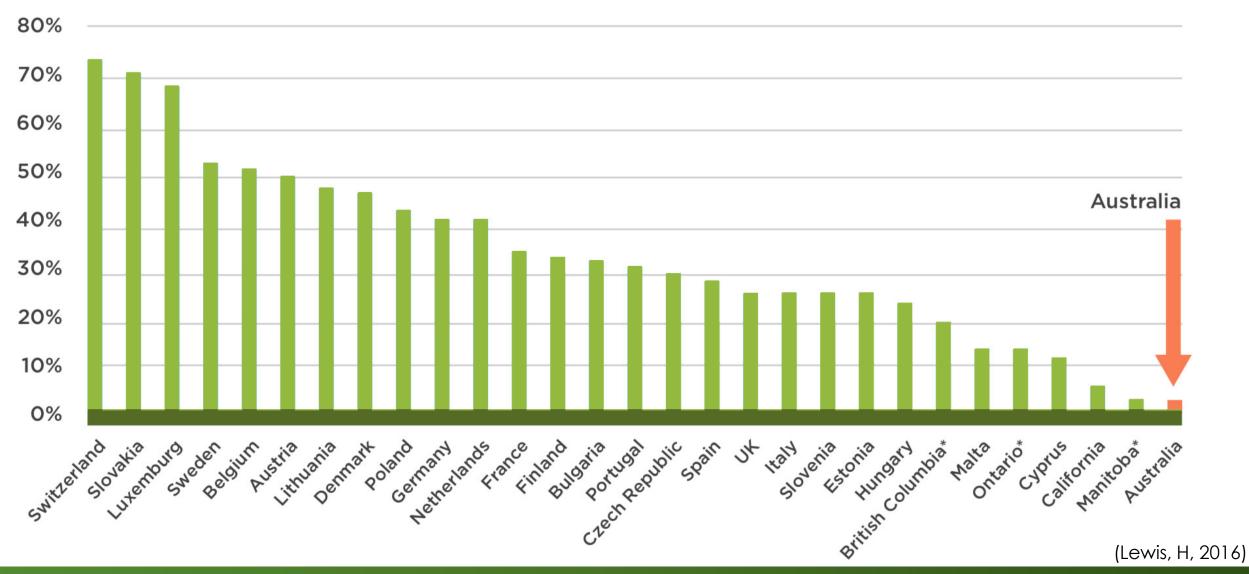






Collection rate in Australia is one of the lowest in the world





BATTERIES ARE A RAPIDLY EXPANDING WASTE STREAM

By 2036 we will be wasting 136,000 tonnes of handheld batteries annually



136,000 tonnes is about the weight of the opera house

ABRI and our members are leading the way

By creating sustainable battery stewardship solutions for all battery chemistries



Our objectives



Advance circular economy models for batteries



Facilitate the national battery stewardship scheme



Facilitate effective & harmonized government policy



Foster international dialogue & sharing of best practice



Effective secretariat governance & operations



Sustain & grow ABRI membership



Educate & promote battery recycling

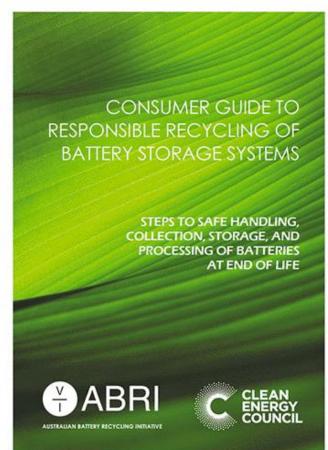


Provide leadership in the battery knowledge base



Leading the knowledge base









Educating industry, government and the wider community about battery recycling, best practice, stewardship and circular economy







Showcasing member capabilities



Our value is in our membership

Members are invited to create Member Profiles to showcase their expertise & services

Available for download at the ABRI website



Member profile

CenturyYuasa

Century Yuasa is Australia's oldest and most recognised batter manufacturer with a proud heritage spanning two centuries. An affiliate of the GS Yuasa Corporation, Century has access to some of the most advanced technical and R&D resources available in the battery industry

Century Yuasa is dedicated to caring for the environment and believe that scrap batteries should be recycled and disposed of responsibly. Their commitment to sustainability through their Used Lead Acid Battery (ULAB) program has seen Century achieve the prestigious SAI Global ISO14001 accreditation, an international standard requiring a structured approach to environmental protection and responsibility



COMMITMENT TO RECYCLING

Century Yuasa's national battery recycling scheme provides motorists, homeowners and businesses with a network of outlets and resources to recycle used batteries responsibly



Recycling Centre

aspects of battery recycling. www.recyclemybattery.com.au. The Century Yuasa Recycling Process



HISTORY



Century Yuasa is one of the only Australian made battery manufacturers, their history of manufacturing in Australia began in 1928 with the Century brand - a household name with Australia's and New Zealand's motoring public. They have been at the forefront of battery manufacturing and design, with a reputation for quality and innovation that has been refined and demonstrated over many decades.

COMMITMENT TO SUSTAINABILITY

In addition to the recycling program Century Yuasa's is committed to making the planet a greener place for future generations when manufacturing and distributing batteries.

In 2017 Century Yuasa partnered with Cleanaway to explore a nationwide packaging solution to move from polystyrene to recycled material. Century now uses 100% recycled packaging material in its battery distribution throughout the Century Yuasa



In Century Yugsa's battery manufacturing process all lead waste is recycled this includes any items such as aloves containment with lead. The waste lead, along with ULAB's, is recycled into lead alloys which Century then buys back from the recycler and is used in new products.

WHY DOES CENTURY YUASA VALUE BEING AN ABRI MEMBER?

Century Yuasa values the relationship with ABRI to ensure they are at the forefront of Australia's battery recycling initiatives. Century relies on ABRI to provide the latest information on regulations and best practice guidelines battery collection and

CORPORATE PROFILE

Phone	1
Ownership	0
	n

300 650 702 Website www,cyb.com.au entury Yuasa is an affiliate of GS Yuasa orporation, one of the world's largest battery nanufacturers with affiliates in 19 countries





has been named in the Dow Jones Sustainability Index for e consecutive years and has been an Index Component ce 2012. Sims is the only electronics recycling company to ive been nominated among the world's 100 most sustainable empanies for five consecutive years by the World Economic rum in Dayos Switzerland.

s is listed on the NY stock change and Euronext as e of its "Global 120" most vanced companies on rporate responsibility

HY DOES SRS VALUE BEING AN ABRI

ns have been recycling in Australia for over 100 years. With vancement in technology/ the move towards the electronic neration, equipment now regularly includes batteries, SRS int to be part of assisting ABRI in providing an effective ttery collection and recycling scheme, developing best actices for this waste stream, and achieving battery wardship in Australia.

ORPORATE PROFILE

	Ownership	Sims Metal Management	
1	Phone	02 8708 2015	
П	Website	www.apac.simsrecycling.cor	

Member profile



cycle Solutions has a long history of working with a variety munity organisations for over 25 years with a focus on people in need and the environment. We have a of 100 people and also provide significant employment unifies to a further 60 FTE via Disability Service Enterprises.

MMITMENT TO SUSTAINABILITY

cycle Solutions has been a long-term provider of solutions support customers and partners to achieve higher levels of mental performance and business sustainability. We ale our customers to contribute to a circular economy



ms including our credentials which include independent on to Australian and international standards, including ISO14001, OHAS18001, AS/NZ4801 and AS/NZ5377

cilities are EPA licensed and we hold anyernment d export permits to transporting materials and ded across MRI E-cycle Solutions and operations. oliance as essential to responsibly managing ewaste es and other consumables in Australia and abroad

Y DOES MRI E-CYCLE SOLUTIONS LUE BEING AN ABRI MEMBER?

vides a framework through which we can contribute offered to the market. Organisations working together ieve a common goal is more effective and efficient ctive approach to achieving a national approach to stewardship can meet consumer and business tations while maximising environmental protection

Website mri.com.gu

RPORATE PROFILE

1789 Sydney Road Campbellfield VIC 3061 15 Stanton Road, Seven Hills NSW 2147 2/33 Gosport Street, Hemmant QLD 4174 Unit 1 & 2, 78-80 Townsville St. Fyshwick ACT 2609 CORPORATE PROFILE

IMPROVEMENT

ship Battery World Australia is a franchise network owned by Century Yuasa Batteries 13 17 60

Member profile

acid batteries to fund school recycling competitions, while

Battery World Australia's parent company is Century Yuas

over 90 years. Century has operated a local Australian Manufacturing Factory. Today this world class facility is located at Carole Park (QLD), supported by state-based distribution

COMMITMENT TO CONTINUOUS

s committed to research and continuous improvement in battery recycling. This is being done by working with research

institutes on products development from recycled batteries, new products like home solar storage solutions, and partnerships like that with Mobile Muster to be a hub for batt

vision and values. As a member, Battery World is exposed to best practice, latest information in regulations and guidelines

pattery collection, storage and transport, and recycling, ABR

also allows Battery World to work with other members to furt

WHY DOES BATTERY WORLD VALUE

BEING AN ABRI MEMBER?

initiatives like National "Change Your Smoke Alarm Battery" do

batteries. Century is Australia's parent company is century rousia Battleries. Century is Australia's oldest battery manufacturer an a leader in development, manufacturing and distribution of battleries and services across Australia and New Zealand. For

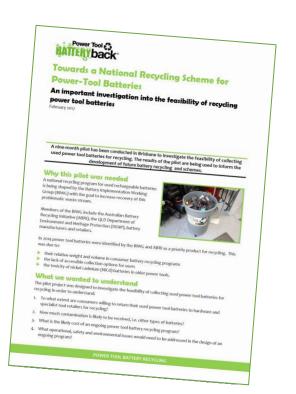
BatteryWorld



Support for battery stewardship

ABRI conducts **trials** and facilitates research to understand the market and the on the ground realities for increasing collection rates







ABRI plays an leadership role in the
Battery stewardship Council and the design
of the proposed battery
stewardship scheme





An industry wide perspective on key issues





Visibility for members as a battery stewards



Opportunities to collaborate, network & share expertise



Access to the latest industry developments, research & market knowledge



Access to best practice guidance for battery handling



Awareness of international best practice and initiatives



Advocacy for harmonised government policy & infrastructure development



Centralised voice for battery stewardship and industry issues





Use of this presentation

 ABRI members are encouraged to use this presentation to promote ABRI and educate the broader community about battery issues and solutions

- ABRI does not endorse the activities or services of our members
 - This presentation is <u>not</u> to be used to suggest we do endorse the activities or services of any member
- This presentation (in full or in part) is intended for use by ABRI and its members
 - Any changes to the above slides are required to be approved in writing by the ABRI secretariat in advance

For further information info@batteryrecycling.org.au

About ABRI 190604

