

# Campbellfield commercial resource renewal facility

## Sims Resource Renewal global programme

To help achieve our purpose, create a world without waste to preserve our planet, Sims Resource Renewal is aiming to build a number of resource renewal facilities globally by 2030. Our first facilities are planned for Australia in the states of Queensland and Victoria.

At our facilities we will be taking the material left over following the recycling of cars and end of life consumer goods, known as Automotive Shredder Residue or ASR, and rather than throwing it away, use it as a resource to produce valuable products.

As part of our global programme of facilities, by 2030 we aim to use more than one million tonnes of ASR each year to create new products.

These products may include hydrogen for industrial use; olefins, the building blocks of plastics; and key by-products like aggregates for the construction industry and high-quality carbon dioxide that will be on-sold for commercial use.

Our focus is on delivering a leading circular business model that creates value for our business and society.

### What does the proposed facility involve?

The proposed facility will enable us to immediately reduce our environmental footprint by transforming more than 60,000 tonnes of Automotive Shredder Residue (ASR) left over following our metals recycling process, and taken to Victorian landfills every year, into new, useful products.

ASR is what remains once recoverable materials are removed following the recycling of metal-based goods like cars, washing machines, and shopping trolleys.

### Project status

Sims has paused further work on the facility at this stage to assess considerations arising from the November 2021 release of the Victorian Government's Waste-to-Energy Framework. We remain committed to developing the facility in Victoria and will continue engaging with the Victorian Government, Hume City Council, local community and other interested stakeholders.

### What products would we produce?

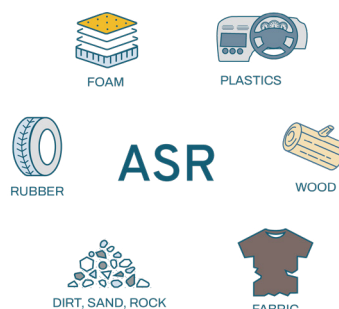
Sims Resource Renewal has applied proven, advanced plasma gasification technology, combined with design and process innovation, to create a new approach to managing ASR. By taking ASR and using it as a resource to create valuable products like hydrogen, as well as useful by-products, we stop ASR from being thrown away and enable material re-use within the circular economy.

Useful by-products from the process include a vitrified product that can be used in construction materials, and a liquified carbon dioxide, that has important commercial applications, including in the food and beverage sector.

### What is ASR?

ASR is what remains once recoverable materials have been removed following the recycling of metal-based goods like cars, washing machines, and shopping trolleys. ASR is currently sent to landfill.

It typically includes plastics, fabrics, insulation, foam, rubber and wood. Dirt, sand and stones may also be present in small amounts.



Located in Victoria



Use renewable electricity to power our own facilities



Estimated 60,000 tonnes of ASR diverted from landfill every year



Reduce environmental footprint

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## Partnering for change

When we say we are a partner for change, we mean it. Sims Resource Renewal is committed to working in partnership with our communities and creating real opportunities for involvement.

This includes undertaking genuine engagement during resource renewal facility design, construction, and operations. Through our investment in state-of-the-art resource renewal facilities, we're proud to create new jobs and investment in the communities where we operate.

We are also working to develop sustainability initiatives in partnership with our local communities to promote the value of, and opportunities from, the circular economy. Our sustainability strategy, including our commitment to decarbonisation, enables this purpose, creating sustainable growth for our businesses and for our clients.

## What opportunities will be created through the facility?

In addition to immediately stopping 60,000 tonnes of material going to landfill every year in Victoria, we will be helping our customers be more sustainable by supporting the use of more recovered content in their products, and the use of hydrogen in place of fossil fuel for transport.

We will also generate employment and industry development opportunities through the creation of about 100 jobs during construction and about 20 during operations, and a focus on local procurement.

## About Sims Resource Renewal

As a division of Sims Limited, Sims Resource Renewal shares the same purpose: to create a world without waste to preserve our planet.

We support this purpose by taking the material left over following the recycling of cars and end of life consumer goods, known as Automotive Shredder Residue (ASR), and using it as a resource to produce valuable products instead of sending it to landfill.

By 2030, we aim to use more than one million tonnes of ASR each year to create new products.

These products may include hydrogen for industrial use; olefins, the building blocks of plastics; and key by-products like aggregates for the construction industry and high-quality carbon dioxide that will be on-sold for commercial use.

This means we are helping Sims Limited close its operating loop. We are also helping our customers be more sustainable by supporting the use of recovered content in their products, and the use of hydrogen in place of fossil fuel for transport.

## About Sims Limited

Founded in Sydney in 1917, Sims Limited is an ASX 200 listed company. A global leader in sustainability, we are helping the world by providing products and services that address key decarbonisation and circularity challenges through our portfolio of businesses.

With more than 250 facilities globally and operations across 15 countries, we are well-positioned to deliver our purpose: create a world without waste to preserve our planet.

## Get involved

We would welcome the opportunity to talk with you further. Please get in touch with us at:

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1800 570 530

For more information please head to our website:

[www.simsrr.com/global-programme/victoria](http://www.simsrr.com/global-programme/victoria) (this is available in multiple languages).



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