

MEDIA RELEASE

City of West Torrens with Dryclone Australia, Peats Soil and Garden Supplies and Greenhill Energy

Thursday 10 June 2021

The Future is Circular - Investigating Waste to Hydrogen in South Australia

Greenhill Energy, Dryclone Australia, Peats Soil and Garden Supplies and the City of West Torrens (each a **Party** and together the **Parties**), have collectively agreed to investigate the circular economy potential for using Municipal Solid Waste (**MSW**) to produce hydrogen from gasification (the **Project**).

The Project scope includes the Parties investigating the technical, commercial and economic potential for:

- Dryclone Australia drying and processing the MSW received at the Adelaide Waste & Recycling Centre owned by the City of West Torrens and operated by Solo Resource Recovery, located at North Plympton,
- Greenhill Energy constructing and operating a gasification facility, at a site to be agreed between the Parties, to use the processed MSW as feedstock for the industrial scale production of hydrogen and hydrogen derived fertiliser products;
- Solo Resource Recovery, Peats Soil and Garden Supplies and the City of West Torrens using suitable hydrogen powered heavy haulage vehicles to replace diesel powered vehicles;
- The Parties assessing optimal locations for one or more hydrogen refuelling stations; and
- Peats Soil and Garden Supplies incorporating the hydrogen derived fertiliser products within its product mix;

The Parties have agreed to progress investigation of the Project scope through 2021 and subject to approval by each Party separately to proceed, may decide to enter full feasibility assessment of some or all of the Project scope being investigated before the end of the year.



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City of West Torrens Mayor Michael Coxon said, “As a progressive Council we are always looking for ways to take a leadership role in challenges of climate change, energy and waste. We are excited that this Project has the potential to address all of these challenges plus contributing to a more healthy and sustainable environment and is in keeping with our Community Plan 2030”.

Peats Soil and Garden Supplies MD Peter Wadewitz said, “I am genuinely excited about the potential for this Project to provide a circular economy solution to our waste and provide valuable products as outputs that we can all use”.

Solo Resource Recovery SA State Manager Adrian Rose said, “Dryclone Australia proposes a unique technology that processes a large volume of MSW efficiently at low-temperatures and produces a product ideal for use in gasification processes”.

Greenhill Energy MD Nicholas Mumford said, “We are proud to be progressing this Project together with its partners, and excited in delivering our own strategy at the intersection of the emerging circular and hydrogen economies, which is ultimately for the benefit of our future communities”.

Media Contacts:

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About City of West Torrens

The City of West Torrens is a medium sized metropolitan Council in South Australia that provides amenities and services to more than 60,000 residents and 5,000 businesses. We work in conjunction with neighbouring Councils in Adelaide's western suburbs to help prepare for climate change impacts and to ensure that our community and business industries can remain productive, connected and strong. We have invested millions of dollars into renewable infrastructure and waste initiatives, both at community and operational levels.

About Peats Soil and Garden Supplies

Peats Soil is a second-generation, wholly South Australian owned company focused on receiving, processing and marketing recyclable organic resources in bulk and bag forms.



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Our vision is to be a world leader in sustainable and innovative organics recycling. Our 45 year heritage and passion for organics recycling and the creation of valuable landscaping, garden and horticultural products has given us a reputation as a true environmental and carbon friendly company.

About Dryclone Australia

Dryclone Australia is a privately owned subsidiary of Solo Resource Recovery Pty Ltd and is committed to bringing economical technology to Australia with a focus to diverting residual waste from Landfill and maximising recycling opportunities.

About Greenhill Energy

Greenhill Energy is a privately owned energy company focussed on solutions at the intersection of the emerging circular and hydrogen economies. We are unlocking hydrogen economy value with innovative integrated business models & proven technology. We are developing a portfolio of rural based community focussed biomass-to-energy & hydrogen projects across Australia.