
ShireBiz Bulletin

The Shire Economic Development Alliance Newsletter

25th January 2022

About ShireBiz

ShireBiz is a not for profit organisation dedicated to the Economic Development of Southern Sydney to enable sustainable business development which provides employment opportunities for the local community.

Our strategic pillars are:

- **Job Creation** through projects such as *Supporting the development of the ANSTO Innovation precinct*
- **Advocacy** such as *Improving Shire transport links*
- **Connecting the Community** through regular *newsletter*, and ZOOM and in person *events with prominent speakers*

Shirebiz supporters are invited to continue to support Shirebiz by becoming members. [Join at](#) If you want to regularly receive this Bulletin Contact the Secretary at info@shirebiz.org.au

COSBOA National Small Business Conference 5th & 6th April 2022

COSBOA have been monitoring the COVID-19 outbreak across the country to determine the potential impact on our participants and those supporting the [National Small Business Summit](#) in Sydney. After considered discussion, COSBOA

have made the decision to postpone the [National Small Business Summit](#). We want to reassure our community that we are committed to hosting small business leaders in-person at a live event and are pleased to advise that we have secured new dates at the Sofitel Sydney Darling Harbour, Tuesday 5 April and Wednesday 6th April

Realise Business: Success Roadmap 2022 Mon 31st Jan 10.00am - 12.00pm

Starting a new year is full of anticipation. Make this year a great year for you and your business. In this workshop you will look at what you would like to achieve this year and then create a plan that will enable you to achieve your goals step-by-step. This invaluable [workshop](#) will get you started in 2022 with vision and clarity.

Recycling plant aims to turn US coal country into rare earth powerhouse

This week, HG Ventures, an investment arm of The Heritage Group, and American Rare Earth LLC, a subsidiary of the American Resources Corporation (NASDAQ: AREC), announced they are [teaming up to scale up the recycling of batteries](#), magnets and e-waste with the goal of recovering and supplying critical minerals and rare earth metals to US and global markets.

Liquid metal and champagne bubbles: RMIT researchers say new CCS method ready to be scaled up

An RMIT research team has developed a [new method for carbon capture](#) and storage with energy use, environmental and other benefits, and is seeking input from industry on refining the method, which they say is suited to hard-to-abate industries such as cement and steel. A provisional patent has been filed for the new method. It builds on “an earlier experimental approach that used liquid metals as a catalyst” said RMIT in a statement” but is tweaked to more easily suit industrial processes.

ARENA awards \$14 m boost for 5B to automate solar array manufacture

Solar technology company 5B has been awarded \$14 million funding from the Australian Renewable Energy Agency, which will assist a \$33.4 million project to [automate production](#) of the company's prefabricated solar arrays. According to a statement from ARENA, the project would "design a high volume, scalable and predominantly automated manufacturing line" at 5B's new headquarters. The site at Mascot was officially opened last month.

Invitation to celebrate International Women's Day 2022

Sullivan Dewing [invites you](#) to join the in celebrating International Women's Day 2022. Relax catch up with friends and be inspired by Dr Jana Pitman for bubbles and brunch at the Founders Room, Wanda Surf Club, Friday 11th March 9am till 11am.

What to do if workers test positive for COVID 19

If a [worker tests positive](#) for COVID-19, they will need to [self-isolate](#) immediately for 7 days from the day they were tested, and not leave home or let anyone come into their home unless they live there. [A negative PCR](#) (nose and throat swab) or rapid antigen test is not needed to leave isolation and return to work. **If they have a sore throat, runny nose, cough or shortness of breath after 7 days, they must remain in isolation until 24 hours after their symptoms have resolved.**

ZOOM Event: Fighting Resource Waste via the Circular Economy Feb 23

The linear economy – so-called "take, make and waste" – follows a one-way stream. It consumes massive amounts of resources and yields huge quantities of waste. IKEA has labelled this "unsustainable consumption." If you take toner cartridges as an example, of the 370 million produced each year in the U.S., 300 million go to landfill. Countries and companies are turning to the [circular economy](#) for answers. These business models employ repurposing to offer remedies for environmental

degradation and resource-use efficiency.

Australian Hydrogen News 21st Jan 2022

Australia's hydrogen industry has reached a [significant milestone](#) with its first shipment of liquefied hydrogen about to be shipped to Japan. A specially-built ship, the Suiso Frontier, will transport the hydrogen from the Port of Hastings in Victoria's Mornington Peninsula to Kobe in Japan. This shipment is a key milestone for the [Hydrogen Energy Supply Chain \(HESC\) Pilot Project](#). The pilot is the first project to make and transport liquid hydrogen between two countries by sea and marks the start of a major new energy export industry for Australia.

Customers urged to be more considerate in their reviews of small businesses

The Australian Small Business and Family Enterprise Ombudsman Bruce Billson is urging people to refrain from posting negative online reviews against small businesses. [The Ombudsman's comments](#) came after submission to the Federal Government's social media inquiry calling for digital platforms to make it easier to remove fake reviews. citing the lasting and damaging impacts of negative online reviews.

UNSW Claims error free Quantum computing

A defence department backed team at the University of New South Wales has demonstrated that [near error-free quantum computing](#) is possible, paving the way to build silicon-based quantum devices compatible with current semiconductor manufacturing technology. UNSW's Professor Andrea Morello said: "Today's publication shows our operations were 99 per cent error-free. "When the errors are so rare, it becomes possible to detect them and correct them when they occur. "This shows that it is possible to build quantum computers that have enough scale, and enough power, to handle meaningful computation."

Australian Retail Association News 20 Jan 2022

After a robust Christmas trading period, with November sales up 5.8% compared to the same time in the previous year, unfortunately 2022 has ushered in [fresh challenges](#). The Omicron variant is causing significant disruption to businesses with tens of thousands of people being forced into isolation every day.

Shirebiz supporters are invited to continue to support Shirebiz by becoming members.

Join at.



Regards,

Richard Walker, Secretary, Shirebiz

Mobile: 0419617510

Email: info@shirebiz.org.au