



ShireBiz

Bulletin

The Shire Economic Development Alliance Newsletter

17th January 2023

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:

- Advocacy for business investment, traction and job diversity eg projects such as supporting *the development of the ANSTO Innovation precinct*
- Advocacy for infrastructure investment, policy change and streamlining regulatory environments in the Sutherland Shire
- Engaging the community through regular *newsletter*, and *events*

Shirebiz would like to thank our supporters for your support over the last year

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. We would also appreciate feedback on the content.

COSBOA Summit April 2023 Cyber Spotlight

In 2023, the agenda is stacking up to be huge with the regulator think-tank back by popular demand, a key panel on competition policy and of course there will be lots of debate on the [ongoing IR policy changes](#). With the challenges all businesses are facing with Cyber, this is a big-ticket item on the agenda for the Summit. Learn how to support our communities to prepare strong digital protection.

National Collaborative Research Infrastructure [NCRIS] Support Program

The NCRIS Support Program is an \$86.4 million, four-year program for world-class NSW research facilities supported by the Australian Government's National Collaborative Research Infrastructure Strategy. The first round of the [NCRIS Support Program](#) is now open, offering up to \$21.6 million in 2022-23 for NSW-based NCRIS research and innovation infrastructure facilities, equipment, technical expertise and initiatives funded through the Australian Government's 2021 National Research Infrastructure Roadmap Video:

R&D Tax Incentive Insider – December 2022

Biotome has used the R&DTI to develop next-generation antibody tests. These tests may improve the early diagnosis of stomach cancer, pre-eclampsia, and Covid-19. Companies like Biotome, who conduct R&D that involves clinical trials may be able to [rely on the R&DTI](#) clinical trials determination to register their core R&D activities under the program. The determination is designed to help biotechnology companies access the R&DTI with greater certainty and less effort.

New fund to bolster NSW's quantum computing future

Quantum computing startups and deep technology companies will be supported to advance their innovations through the New South Wales Government's new \$7 million [Quantum Computing Commercialisation Fund](#). Minister for science, innovation and technology Alister Henskens said NSW's quantum ecosystem is uniquely placed to be a global leader of quantum technologies.

A fresh approach to lower energy costs

The equipment used in the processing of fruits and vegetables is primarily responsible for excess energy usage and can significantly impact a harvesting operation's bottom line. In fact, [energy usage](#) accounts for at least 15 per cent of total operational costs for a food and beverage manufacturing business, according to the Australian Department of Climate Change, Energy, the Environment and Water.

Radical approach needed to overcome skilled welder shortage

[Weld Australia](#) estimates that, unless action is taken now, Australia will be 70,000 welders short by 2030. This [urgent issue](#) is not unique to Australia; the US\$5.5 billion US fabrication industry will face a shortage of 500,000 welders by 2030. By 2050, Japan's demographic downturn will result in a 50 per cent loss in their welding workforce; Japan will need around 250,000 welders. In the United Kingdom, BAE is having trouble recruiting enough welders in Glasgow to keep the Type 26 Frigate project on track.

Labor's plan will not work without Carbon Capture

Calix, the Australian company leading the world on decarbonisation of heavy industries such as cement and steel, says the government must provide more support for [carbon capture and storage](#) if it wants to hit 2030 emission targets.

CEDA: Boost skills recognition

[Overhauling occupational licensing](#) in Australia and letting homeowners, renters and social-housing tenants move more easily for work can deliver tens of billions of dollars in productivity gains, the Committee for Economic Development of Australia (CEDA) has found

How this Aussie-made technology is smashing the solar ceiling

Incentives to install solar are all well and good, but how do you participate in the green energy revolution when you live in an apartment building and not a

standalone home? [Apartment residents](#) often have lower average household income than their counterparts in houses, and yet they lack access to the kinds of technologies that could reduce their energy bills at a time of skyrocketing prices.

Rethinking what Australia can and should do in silicon

Last year the former government asked the nation's Chief Scientist, Dr Cathy Foley, to develop a [national semiconductor plan](#). Brent Balinski spoke to Foley to learn what's happened since, and for her perspective on where Australia can expand its role. About three years ago many people who had previously thought little or nothing about supply chains learned about their importance, and the desirability of simplifying and reshoring them. Shortages of goods including microchips have persisted since

Why review the Productivity Commission, just ditch this industrial dinosaur

The federal treasurer Jim Chalmers has announced an overhaul the economic advisory body, the Productivity Commission, by broadening and deepening its work on economic policy and keeping a central focus on [boosting productivity](#). Well good luck with that. Labor attempted to reform this bastion of neo-liberal economics once before – by moving staff from Canberra to Melbourne, Labor then hoped to make it more in touch with and responsive to industry rather than being so wedded to neo-liberal economic theory.

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Regards,

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