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# ShireBiz Bulletin

*The Shire Economic Development Alliance Newsletter*

**29th November 2022**

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## 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

## **Sutherland Council's Business Survey 2022 Finishes COB Wed 30<sup>th</sup> 2022**

From staff shortages and retention, to traffic, parking, and market pressures. We want to hear about your main challenges of doing business in Sutherland Shire? Don't miss out on having your say! Our [shortened survey](#) takes just 2-3 minutes to complete

## **R&D Tax Incentive Insider Nov 2022**

In [this issue](#) [Australia's Science and Research Priorities](#); [CSIRO's Collaboration Readiness Tool](#); [Director IDs](#); [Introduction to the R&D Tax Incentive](#); **Advance and Overseas Findings**; and [Correction: tax agents and consultants using the customer portal](#).

## **How to unpick a company's net zero target in 7 steps**

Net zero targets are spreading like wildfire through the corporate world. Faced with increasing pressure to act on climate, one company after another is announcing plans to eliminate its carbon footprint. The [big question](#) is: Do these corporate net zero pledges prove that companies have finally woken up to their urgent responsibility to help contain the rise of global temperatures?

## **Australia's place in the semiconductor world: Silicon is quantum, quantum is silicon, and Australia might finally have an edge**

A stone's throw away from Bondi and Coogee, silicon-based quantum computing was invented. This was 1998, and its inventor, Bruce Kane, was a postdoctoral researcher at the University of New South Wales. Surrounded by visionary scientists and engineers, Dr Kane's idea flourished down under. Now, 24 years later, Sydney is a [world capital of quantum](#), and silicon qubits are the poster child.

## **Australia's place in the semiconductor world: The industry in Australia and its opportunities**

This article continues our four-part series on semiconductors, continuing the themes from the two previous articles. In this Part 3, we examine the [significance of semiconductors](#) for Australia and consider some of the challenges faced by the

nation as it seeks to grow its semiconductor industry. In Part 4, we explore opportunities for Australia in the semiconductor industry and propose a strategy for building the industry here.

## **Activus News November 2022**

In [this issue](#): Activus a finalist for the HESTA Excellence Awards; CTO Conference; BuddyUp is open for Business; Take a Leap == Volunteer today; Grants & getting local tech help.

## **ConnectED – Youth Partnership Newsletter Nov 2022**

Last month The Youth Partnership held a [Host Employer Forum](#) to provide tips and information on hosting work placement students to businesses who had recently joined the program. It was a great morning of networking and a chance to learn more about how other employers approach work placement. The attendees heard about The Youth Partnerships role and key benefits of the program, including the use of our digital badge to advertise local community involvement, as well as discussing the host employer's role and responsibilities when hosting students.

## **Enviro-tech start-up secures \$8 million funding in the fight to replace plastic**

Australian company ULUU has successfully raised AUD\$8 million, enabling the start-up to scale its business as it seeks to replace traditional plastic with a more environmentally friendly solution. The [seed round](#) was led by their existing deep tech investor Main Sequence, founded by CSIRO, with participation from Alberts Impact Ventures, Mistletoe and Possible Ventures, alongside support from those in the creative arts and other influencers such as model and entrepreneur Karlie Kloss and Tame Impala frontman Kevin Parker

## **Procore announces innovations leveraging predictive analytics**

Procore Technologies has announced innovations and new solutions that will leverage the [value of predictive analytics](#) to connect everyone on a project team. The latest solutions will drive efficiencies to solve some of the industry's most pressing challenges: payments, labour, preconstruction, communication and more.

## How 3D printing is reshaping the future of supply chains

After two years of shortages and supply chain disruptions, manufacturing industries are [sourcing materials and products locally](#) in an effort to reduce the risk of supply restraints. They're also considering implementing new tools and technologies such as 3D printing to bring manufacturing onshore and maintain continuity of production

## Growth Centres report commissioned by Morrison government in 2019 finally made public

An [ACIL report](#) commissioned in 2019 by the previous federal government evaluating the impact of the Industry Growth Centres initiative has finally been made publicly available. [The Growth Centres](#) were announced in 2014, with six centres focussed on driving change in parts of the economy including Advanced Manufacturing, Cyber Security, and Mining Equipment Technology and Services, and on boosting collaboration, commercialisation, skills and regulatory reform

## Start-up takes the guilt of grabbing a coffee

Sydney start-up Lydy is addressing the [issue of take-away coffee cups](#) being recyclable but not their lids by creating a versatile lid that consumers can take with them to their barista and use every day. Lydy's founder Lauren Yehezkeli came up with the concept after nine years of being a cafe bakery owner made her disheartened about her contribution to the plastic waste crisis.

## ANSTO Innovation News Nov 2022

[This issue](#) includes Sea Level rises predicted to dramatically speed up erosion of rock coastline by 2100; Advanced Manufacturing supporting Green technologies and using nuclear technologies to track micronutrients applied to wheat crops.

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Join at.

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*Regards,*

Richard Walker, Secretary, Shirebiz

Mobile: 0419617510

Email: [info@shirebiz.org.au](mailto:info@shirebiz.org.au)