



ShireBiz

Bulletin

The Shire Economic Development Alliance Newsletter

16th August 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:

- 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

INVITATION to hear Nick Holden of Modular Walls describe their new 3D Printing of Houses Thursday 18th August 5pm RMYC Woollooware

Known for his innovation and entrepreneurship, Nick is taking the construction and civil sector head-on with his new company, CONTOUR 3D, and has printed the [first 3D in-situ home](#) in the southern hemisphere in 28 hours! The world leading, self-developed technology and home will be featured on Channel 9's The Block in September.

The three ways grocery shopper behaviour is changing right now

From the pandemic and product shortages to a global supply chain crisis, floods and bushfires and now, inflationary pressures, consumers have been on a wild rollercoaster in the past two years. As a result of these major shifts in the economic climate, [consumer behaviour has changed](#) in a multitude of ways in a short period of time. After all, it wasn't long ago that the buzzwords "revenge spending" and "revenge travel" were being discussed in the industry. Now, in a 180-degree turn, consumers have tightened their purse strings in response to inflation.

Bosses wave white flag on working from home battle

A high-profile investment bank has set aside a single day of the week when no Zoom meetings between Melbourne-based colleagues are allowed. [For staff](#), the fear of missing out usually sees the office full on that day. Some companies are using a more carrot than stick approach, offering coffee vouchers and worker rewards, but in the white-collar world working from home is here to stay. And while unemployment remains low, bosses have given up the fight.

CSIRO lab to close "valley of death" for biomedical manufacturers

The CSIRO has opened a [new \\$23.1 million national lab](#) in Melbourne that will bolster Australia's ability to produce vaccines and drug treatments onshore. Researchers at CSIRO's National Vaccine and Therapeutics Lab will turn vaccine and drug candidates into products that can be manufactured in large quantities for clinical trials. The ability to do this in Australia, rather than needing to go overseas, has been the "missing link" in Australia's biomedical science sector being able to produce vaccines and drugs here.

Configuring and programming igus linear robots – as easy as playing PlayStation

With the help of the game engine Unity, motion plastics specialist igus has given its online configurator for [low-cost linear robots](#) a facelift, making its operation even more efficient. Now, users can configure an individual linear robot ready for connection faster and easier – in just five minutes. With the help of the online tools, any automation solution can be programmed and tested directly in the selected working area and also load CAD data and a suitable drawing. Even small and medium-sized companies can immerse themselves without a barrier in the world of automation – without the know-how of specialists and CAD software.

COVID Anti-virals available for high risk groups

If you're at [higher risk of severe illness from COVID-19 \(PDF\)](#), you may be eligible for antiviral medicines. [Antiviral medicines](#) work best when taken as soon as possible, usually within 5 days from when your symptoms start.

Ai Group launches new technology model for construction products

The Australian Industry Group (Ai Group) has officially launched the implementation in Australia and New Zealand of the [ETIM classification standard](#) for the construction sector, supported by manufacturers. ETIM is an international classification model that provides construction industry participants with a much-needed structure for standardised (technical) product data exchange.

3D printing with limitless design

Manufacturers' Monthly speaks with [CNC Design](#) about its additive manufacturing capabilities of large parts for different manufacturing sectors. CNC Design has more

recently extended into [additive manufacturing through VSF](#), a solution for 3D manufacturing of large parts for different industries such as construction, aerospace, marine and mining. It is a fit for many industries that are producing very large components.

PPE doesn't 'fit' everyone the same way

Are you purchasing PPE for your employees? Do you know if they are being correctly fitted every time they are worn? Download the [whitepaper below](#) to find out more about 3M's PPE solutions and how to find the most adequate fit.

Prepare for the Quantum revolution

If you thought cryptocurrencies, blockchains and non-fungible tokens were hard to understand, the highly technical world of quantum computing may be even more inscrutable. But according to David Treat, co-lead at \$200 billion consulting firm Accenture's blockchain business, [new quantum supercomputers](#) aren't too far off and have the possibility to upend both the internet as we know it, and the emerging Web3 space

Why you need a contract of employment

Many small businesses employ workers on a verbal agreement. But what happens if a dispute arises over the terms and conditions of someone's employment – and there is nothing in writing? Businesses without a [written contract](#) can run into problems when there is a dispute. If you don't have a written contract, arguments can erupt when employees query their remuneration or working arrangements.

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Regards,

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