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# ShireBiz Bulletin

*The Shire Economic Development Alliance Newsletter*

23rd April 2024

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## **Summary**

[Neurosurgeon's brainwave lights up heavyweight investors.](#)

[Business NSW continues to advocate for you in securing better business conditions across the state](#)

[CSIRO Snapshot April 2024](#)

[IDT and Sanofi to manufacture mRNA vaccines under development](#)

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## **Neurosurgeon's brainwave lights up heavyweight investors**

Australian neurosurgeon, Dr Tom Oxley's start-up is also attempting to make brain chips fit for humans. "The best way to think of it is like a [bluetooth controller](#) coming out of your brain," Oxley says. Its technology is passingly similar to that of Musk's Neuralink. However, unlike Musk's chip, Synchron's technology doesn't require a patient to undergo complex surgery with a high-tech robot in a special clinic.

**[Business NSW continues to advocate for you in securing better business conditions across the state](#)**

With the NSW Cabinet marking its first year in government, Business NSW has [outlined its priorities](#) for the year ahead. Business NSW CEO Daniel Hunter said “the NSW Government knows that it is in a delicate position. Anything that increases businesses costs – especially in the context of stubbornly high interest rates – would be a disaster

## **CSIRO Snapshot April 2024**

Includes: World-first study identifies ocean floor as a major ‘reservoir’ for plastic waste; Australians’ attitudes toward the renewable energy transition; Multi-resolution mapping revolution in space; [CSIRO invests \\$20 million to drive SME innovation and](#) Watch: Turning farm waste into jet fuel.

## **IDT and Sanofi to manufacture mRNA vaccines under development**

Drug development company IDT Australia and pharmaceutical business Sanofi have signed an agreement for the good manufacturing practice (cGMP) manufacture of Sanofi’s mRNA vaccines now under development. The partners will collaborate to advance [mRNA-based vaccine formulation](#), development and manufacture at IDT’s aseptic sterile injectables filling facilities in Melbourne (pictured) in volumes needed for clinical trials targeting a number of medical conditions. The facility is one of only a few such facilities in the Asia Pacific region.

## **From soft plastics waste to structural building panels**

Australian composites manufacturer Sustainable Infrastructure Systems (SIS) has revealed [innovative structural building panels](#) made from glass fibre-reinforced polymer (GFRP) and discarded soft plastics. The lightweight, high-strength composite panels are the first in the world to be manufactured using post-consumer mixed soft plastics, which are blended with a proprietary material matrix, according to an announcement.

## **CEDA: Government support for net zero must be sustainable and**

## transparent

Any investments made by government should reflect a clear public purpose, be independently assessed, aim to deliver sustainable outcomes and be subject to transparent evaluation and monitoring.”

## 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

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*Regards,*

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