



## **Cornerstone Investment By CEFC To Complete Thinxtra's First Nationwide Network Dedicated To IoT**

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**Cornerstone investment by CEFC to complete Thinxtra's first nationwide networks dedicated to the Internet of Things.**

*Sydney, 17<sup>th</sup> August 2017.*

Australia is IoT ready with the first nationwide network dedicated to the Internet of Things (IoT) with Thinxtra pleased to announce the CEFC as a cornerstone investor. Together, with its other investors, Thinxtra is empowering the completion of the Australian and New Zealand IoT networks, covering 95 per cent of the population, by year end.

The IoT networks based on Sigfox technology have all the right pillars to drastically improve energy efficiency, improve productivity and reduce waste in business, government and the community.

Thinxtra's IoT network and solutions work over long distances, inexpensively on low bandwidth for short messages. Primary use cases are meter index readings, quality measurement, GPS, temperature, movement,

access, vibration and power status. Being able to better monitor water consumption, utilities can detect and reduce water leaks in near real-time. Better understanding logistics and congestion drive improved fuel utilisation rates and soil quality and moisture readings allow for efficient deployment of fertilisers.

Most IoT use cases require wireless sensors to send small messages, and many companies deploying connected objects over traditional networks struggle with expensive pricing, high energy consumption and complexity of deployment and maintenance. With Thinxtra's new breed of wireless network dedicated to IoT, the return on investment and value creation are obvious. That is a game changer.

Renald Gallis, VP Marketing and Ecosystem of Thinxtra said *"Our low cost, low power, long range IoT network is perfect for deploying simple solutions to make cities smarter, buildings more energy efficient, agriculture more sustainable. Industries working with us are seeing efficiency but also gaining deep insights and better service outcomes for their customers. Their supply chain and the risk and governance issues they are challenged by are being solved. Sustainability is crucial to business and the community today. We estimate the Australian market to represent 100 million IoT devices connecting through our network by 2025, to better monitor the country, further cut carbon emissions, create innovation and boost the economy."*

CEFC CEO Ian Learmonth said: *"Australia is a vast country with a scattered population. A large amount of energy is expended in physically monitoring millions of pallets, waste containers, gas canisters, farm gates, livestock and more. By providing a low-cost solution for tracking and monitoring these assets, we can save a huge amount of emissions."*

*"Our finance for Thinxtra will help build essential support technology which is set to play a key role in transitioning the Australian economy to net zero emissions by the second half of the century."*

*"We're talking about the potential to operate smarter cities, more energy efficient and liveable buildings, better*

*monitoring of environmental assets, better health monitoring and more sustainable agricultural practices.”*

Thinextra’s CEO, Loic Barancourt, said: *“We will be the low power wide area network of choice for IoT and we’re aiming for 17 million objects connected by the end of 2022,”*

*“Thinextra’s IoT network provides the lowest device-to-cloud connectivity, at the lowest level of energy consumption and is complementary to Bluetooth, RFID, 2G, 3G, 4G and Wifi technologies.”*

*“Our network has been designed with IoT in mind. It is open and an extension of the global Sigfox network, based on antennae and base station infrastructure that is independent of existing telco networks.”*

More than 150 local businesses have already partnered with Thinextra to leverage its network technology to create operational efficiencies in a wide range of industries, such as:

- Smart water meter service companies that enable large water users to detect leaks
- Smart farming service providers with waterproof data communicators that integrate with software and sensors to provide daily data on soil, weather and other environmental monitoring
- Smart logistics solution providers with cold chain monitoring trackers to increase traceability of food and reduce wastage.

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## **About the CEFC**

The Clean Energy Finance Corporation invests, applying commercial rigour, to increase the flow of finance into the clean energy sector. Our mission is to accelerate Australia’s transformation towards a more competitive economy in a carbon constrained world, by acting as a catalyst to increase investment in emissions reduction. We do this through an investment strategy focused on cleaner power solutions, including large and small-scale solar, wind and bioenergy; and a better built environment, with

investments to drive more energy efficient property, vehicles, infrastructure, and industry. The CEFC also invests with co-financiers to develop new sources of capital for the clean energy sector, including climate bonds, equity funds, aggregation facilities and other financial solutions. The CEFC operates under the Clean Energy Finance Corporation Act 2012.

Media inquiries: 0457 732 219. [media@cefc.com.au](mailto:media@cefc.com.au)  
[\[mailto:media@cefc.com.au\]](mailto:media@cefc.com.au)

For more information, visit [www.cefc.com.au](http://www.cefc.com.au)  
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## About Thinxtra

Thinxtra is empowering the Internet of Things (IoT) in Asia Pacific by deploying Sigfox technology, the world-leading provider of connectivity for the IoT, as well as building a full eco-system of partners providing IoT solutions and services to enable the non-connected to connect, to increase productivity, accelerate decision making, improve quality of service and quality of life, and find more economical solutions to common problems.

Sigfox is a global network designed to connect billions of devices to the Internet while consuming as little energy as possible, as simply as possible. Sigfox' unique approach to device-to-cloud communications addresses the three greatest barriers to global IoT adoption: cost, energy consumption, and global scalability.

Thinxtra was founded by IoT and network experts who share a common passion for connecting things. It is backed by NZX-listed high-tech company Rakon Limited, which has a history of innovation in communications technology going back some 50 years.

For more information, contact:

Renald Gallis – VP Marketing and Ecosystem  
[renald.gallis@thinxtra.com](mailto:renald.gallis@thinxtra.com)

[\[mailto:renald.gallis@thinxtra.com\]](mailto:renald.gallis@thinxtra.com) +61 404 894 960

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