

PROFILES OF SINGAPORE COMPANIES THAT HAVE IMPLEMENTED BUSINESS INNOVATIONS AND BENEFITTED FROM THEIR EFFORTS

1. Elmrich Pte Ltd

Elmich Pte Ltd, established in 1985, is the leading provider of state-of-the-art and ecologically-minded urban landscaping, waterproofing, drainage, green roofs and stormwater management solutions to developers, contractors, and architects around the world. The company is headquartered in Singapore with international offices in Australia, Germany, Switzerland, Austria, Malaysia, and the United States. Elmich also works closely with its network of partners in more than 30 countries across 6 continents and holds memberships in green building councils worldwide, such as the US Green Building Council.

Having over 33 years of experience, Elmich prides itself as a professional, responsible, and eco-sensitive company with sound management and quality practices certified under ISO 9001, ISO 14001, and SS ISO 22301. The company takes innovation seriously, with over 160 patents and design registrations granted and pending. Elmich's products meet international sustainability standards and have received the multiple certifications from the Singapore Green Building Council. Elmich's products have been successfully used in numerous 'green building' certified award-winning projects worldwide.

Elmich manufactures products that aim to create green spaces in our urban environment, build ecosystems, and allow for the flourishing of biodiversity. Multiple local and international iconic projects such as Jewel Changi Airport, Marina Bay Sands, and IKEA Doha Festival City have shown success in their approach to merge sustainability and innovation for a better environment. Safety is also a top priority for the company, leading to the creation of the company's range of Fire-Resistant products (rated class BflS1) that are the first of its kind in the region, and mechanisms that make the company's green walls resistant to damage. One of the company's green walls installed at the Ji Hotel in Xiamen, withstood Typhoon Meranti when it hit China in 2016, a strong testimony for the safety standards adhered to by the company's products.

Elmich actively promotes the use of green technologies by developing environmentally innovative urban greening solutions in accordance with local and international green label certifications and product schemes. New and innovative technology through research and development are pioneered by a dedicated team within the company. The R&D team comprises of professional civil, environmental, engineers and, manufacturing and tooling specialists, who collaborate with product designers around the world to design and produce products tailored to specific markets. Integrating the usage of analytic and simulation software, such as Finite Elements Analysis, and 3D printing hardware into the company's product design cycle allows the company to

greatly accelerate product development, keeping the company at the forefront of the industry.

With over 5,000 sqm of vertical and rooftop greenery coverage in Singapore during 2018 alone, Elmich aims to keep building on the solid foundation that the company has locally and expand its reach beyond Singapore's shores.

2. Lim Siang Huat Pte Ltd

Lim Siang Huat (LSH) was established back in 1940 as a small grocery store supplying goods to the British Forces and expatriate community in Singapore. Today, it distributes more than 5,000 different products islandwide and in the region. LSH counts Resorts World Sentosa, Marina Bay Sands, FairPrice, Cold Storage and SATs Catering as some of its major clients.

LSH has always been at the forefront of technology. Previously, it used in-house software developed internally before it upgraded its information technology software and implemented Enterprise Resource Planning systems in 2003. Recently, it implemented a warehouse management system and radio-frequency identification tracking in its logistics management processes and e-HR system. In addition, LSH uses personal digital assistant tablets to track the orders, vehicle fleet management system that optimise the routes of its trucks and monitors the temperature of the goods. LSH also manages an e-store that offers 24/7 ordering services to customers, while giving them an exciting, interactive platform to do so. Within two years, it built a customer base from zero to almost 3,000 on its portal.