

Annex B

Case Studies of Singapore Businesses Benefitting from SEFR

Businesses	Case Study	Quotes
United Nations Global Compact Network Singapore (UNGCNS)	<p>The United Nations Global Compact Network Singapore (UNGCNS) is pleased to underscore its partnership with the Singapore Emission Factors Registry (SEFR) as the primary source of Emission Factors (EFs) for its Carbon & Emissions Recording Tool (CERT).</p> <p>By integrating SEFR's localised and activity-based EFs into CERT, UNGCNS ensures that businesses have access to the most accurate data when submitting their emissions information as part of the LowCarbonSG Programme. This collaboration supports companies in aligning their carbon reporting with a "single source of truth," maintaining consistency with other carbon calculators and meeting the growing regulatory requirements, including the Singapore Exchange's (SGX) mandate for Scope 1 and 2 greenhouse gas emissions reporting.</p> <p>This partnership underscores UNGCNS's ongoing commitment to empowering Singapore businesses with the tools, data, and frameworks necessary to accelerate their sustainability journey and meet national carbon reduction goals.</p>	<p>"Since the launch of LowCarbonSG, we have supported over 250 companies, with 40% participating consecutively. Among these repeat participants, 74% have reduced either absolute emissions or emissions intensity, and 41% have achieved reductions in both. This demonstrates that business growth and decarbonisation can go hand-in-hand. With the right frameworks and support, real change is achievable. Through the partnership between CERT and SEFR, we aim to help local companies achieve even greater emissions reductions in the years ahead."</p> <p>— Terence Tan, Director of Carbon Management at UNGCNS</p>

ESGpedia	<p>Home-grown ESG data and technology firm ESGpedia is helping Singapore companies streamline sustainability reporting by integrating emissions data from the Singapore Emission Factors Registry (SEFR). With SEFR's localised, activity-specific emission factors, ESGpedia's digital platform simplifies and enhances GHG calculation and reporting with accuracy. This has enabled SMEs in Singapore to generate their standards-aligned Sustainability Reports more efficiently.</p> <p>ESGpedia partnered with Singapore-headquartered lithium-ion battery solutions provider Durapower to digitalise the calculation of its Scope 1, 2, and 3 GHG emissions, covering its operations in Singapore and abroad. This enabled the company to establish auditable data across its value chain and align its disclosures with global frameworks such as GRI and ISSB. SEFR's data plays a critical role in bridging technical gaps, making carbon reporting accessible and actionable.</p>	<p>Since October 2024 when the Singapore Emissions Factors Registry (SEFR) was launched, we are delighted to have empowered more than 450 local companies such as Durapower, Sheng Siong, Se-cure Waste Management, and Expand Construction to accurately track their carbon emissions utilising emission factors on SEFR, helping them build competitiveness and better meet rising consumer demand for sustainability."</p> <p>— Benjamin Soh, Founder and Managing Director at ESGpedia</p>
Presgo	<p>Presgo (formerly Convene ESG), developed by SGX-listed Azeus Systems (CMMI Level 5), is an AI-first ESG platform that empowers businesses to simplify and streamline their sustainability reporting. By integrating localised emissions data from the Singapore Emission Factors Registry (SEFR), Presgo delivers precise, auditable greenhouse-gas (GHG) calculations and helps companies generate compliance-ready reports aligned with international standards such as GRI and ISSB.</p> <p>Esco Lifesciences Group, a Singapore-headquartered enterprise recently adopted Presgo to digitalise its Scope 1, 2, and 3 GHG emissions tracking across both local and global operations. With Presgo, the company established auditable datasets throughout its value chain and ensured globally compliant disclosures,</p>	<p>By integrating SEFR data into Presgo, we make it easier for Singapore businesses to measure, manage, and report their carbon footprint with confidence. Our AI-first platform ensures reporting is accurate, auditable, and meets global sustainability standards.</p> <p>— Michael Yap, CEO of Azeus Systems</p>



	<p>strengthening its tender submissions for new business projects. Since SEFR's launch in October 2024, Presgo has helped numerous Singapore-based companies overcome technical barriers in carbon accounting, making sustainability reporting more accessible, accurate, and actionable for businesses in Singapore and beyond.</p>	
Kaer	<p>Kaer, headquartered in Singapore, is recognised as Asia's pioneer of Cooling as a Service (CaaS). The company provides cooling to over 18 million square feet of commercial and industrial real estate across the region, helping businesses transition to low-carbon, reliable and sustainable cooling.</p> <p>Kaer tracks electricity consumption across its entire CaaS portfolio and uses data from the SEFR portal to seamlessly convert this into carbon emissions. These emissions are transparently reported to customers through the Kaer Connect app, enabling them to monitor performance, strengthen ESG reporting, and demonstrate measurable progress towards their sustainability goals.</p> <p>Today, Kaer prevents more than 34 million kilograms of carbon from being released into Asian cities each year and as its portfolio expands, the company is driving the transition of the region's real estate sector towards a low-carbon future.</p>	