Annex A: Company and Projects funded by REG(E) grant

No.	Company	Company description	Details of REG(E) funded activities
1	Evonik	Evonik has been in Singapore since 1969 and today employs over 600 people, with investments exceeding S$1.6 billion. The city hosts its regional headquarters for Asia Pacific South, alongside innovation hubs and technical service centres for coatings, animal feed, and beauty and care. Singapore is also home to Evonik's largest global methionine production site, reflecting strong confidence in the country's role as a high-value manufacturing hub. The company opened its first methionine plant in 2014, doubled capacity soon after, and invested a further €500 million in a second plant in 2016 to serve rising demand across Asia. Beyond methionine, Evonik operates an oil additives plant on Jurong Island—expanded in 2015 into its largest worldwide—which incorporates advanced automation to improve energy efficiency and reduce waste.	Evonik's capacity expansion project successfully implemented significant carbon abatement measures to reduce the product carbon footprint by 6% while simultaneously increasing the plant's production capacity. This includes combustion optimisation as well as process intensification to reduce steam usage. The aggregated reduction in steam enables it to be redirected to a steam turbine to recover the energy as electricity for process usage. One standout initiative in process intensification is the optimisation of the vacuum system for the crystallisers, achieved through extensive collaboration between Evonik's plant operational personnel and technology excellence experts in Germany. This has resulted in annual energy savings of 65 terajoules.
2	ExxonMobil	ExxonMobil Asia Pacific is one of Singapore's largest foreign-backed manufacturing investors with over S$30 billion in fixed asset investments. Its	ExxonMobil's integrated manufacturing complex in Singapore uses technologies that reduce, recycle, and reuse energy, such as cogeneration. The complex has three

		manufacturing facilities include an integrated world-scale refining and petrochemical complex, as well as a lubricant plant. The company provide customers and markets in the region with fuels, lubricants, petrochemicals and liquefied natural gas. ExxonMobil is also growing its lower-emission fuels portfolio and low carbon solutions business to bring emission-reduction solutions to the region. We have also invested in supporting research in Singapore for lower-emission pathways and sustainable solutions.	cogeneration facilities, which can generate more than 400MW of electricity and steam for our operations, and contribute to energy efficiency. ExxonMobil Asia Pacific Pte. Ltd. has also won multiple Energy Efficiency National Partnership (EENP) "Best Practices" awards and honourable mentions - most recently for its Olefins Compressors Surge Margin Optimisation and Olefin Plant Turbine Extraction Optimisation projects in 2021 and 2023, respectively. The company's Global Energy Management System was also recognised in the 2017 EENP awards, with the "Excellence in Energy Management". It continues to evaluate and progress opportunities to improve energy efficiency and reduce carbon emissions in its Singapore operations. Over the last two years, over 10 such initiatives have been executed.
3	Air Liquide	Air Liquide is a French-based multinational company that specialises in industrial gases and services for industry, health, and the environment. In Singapore, Air Liquide started its operations in 1911 and now employs more than 650 employees. With assets of $ 2 billion, Air Liquide Singapore operates the largest network of air separation plants and gas production facilities, strategically located on 21 sites in Singapore. Through a unique	Air Liquide is advancing decarbonisation in nitrous oxide (N_2O) production through a pioneering abatement system that could cut emissions by over 15,000 tonnes of CO_2 equivalent annually. The project will roll out in two phases: • **Phase 1:** Capture N_2O vented during purification and storage, halving emissions.

		blend of advanced equipment, processes and systems while being supported by a highly engaged and competent workforce, Air Liquide Singapore can partner with diverse industry players to support the Singapore economy.	• **Phase 2:** Deploy a membrane recovery unit with Air Liquide's proprietary gas separation technology, delivering an additional 50% cut in N_2O emissions. By combining technical expertise with innovation, Air Liquide is improving its sustainability performance and setting a new benchmark for the industry.