

GREEN PLAN

The Singapore Green Plan 2030 is our national sustainability movement, positioning us to achieve our target of net zero emissions by 2050. It is a living plan which continues to evolve. Here are the key updates and initiatives announced by our Green Plan Ministries during the Committee of Supply 2024.

GreenPlan.gov.sg



JOINTLY LED BY



CITY IN NATURE



CONSERVING & EXTENDING OUR NATURAL CAPITAL

- ▣ Continue transforming Singapore into a City in Nature by conserving and extending our natural capital island-wide, such as:
 - Completed around 210km of Nature Ways and over 380km of park connectors
 - Planted more than 640,000 trees with the help of over 100,000 members of the community under our OneMillionTrees movement

SUSTAINABLE LIVING



BUILDING A CLIMATE-FRIENDLY SINGAPORE

- ❑ Enhance Climate Friendly Households Programme to encourage all HDB households to switch to energy and water efficient household appliances
- ❑ Expand energy labelling scheme for household water heaters and commercial storage refrigerators to help households and businesses make informed energy efficient choices
- ❑ Commence study to explore feasibility of expanding the Extended Producer Responsibility approach to cover more types of packaging waste beyond beverage containers

ENHANCING FAST CHARGING NETWORK

- ❑ Deploy more fast chargers to support the charging needs of fleet Electric Vehicle drivers

SUSTAINABLE LIVING



PILOTING “ADOPT A BLOCK” INITIATIVE

- ▣ Trial an “adopt-a-block” initiative where polytechnic and ITE students will promote sustainability, recycling and greening efforts, to residents living around their campus

ADVANCING ECO STEWARDSHIP PROGRAMME

- ▣ Deepen understanding of food sustainability for students through the Eco Stewardship Programme which was launched in 2021 for students to learn about Singapore’s sustainability issues and actionable steps

ENERGY RESET



LAUNCH OF FUTURE ENERGY FUND

- Catalysing infrastructure investments for our energy transition

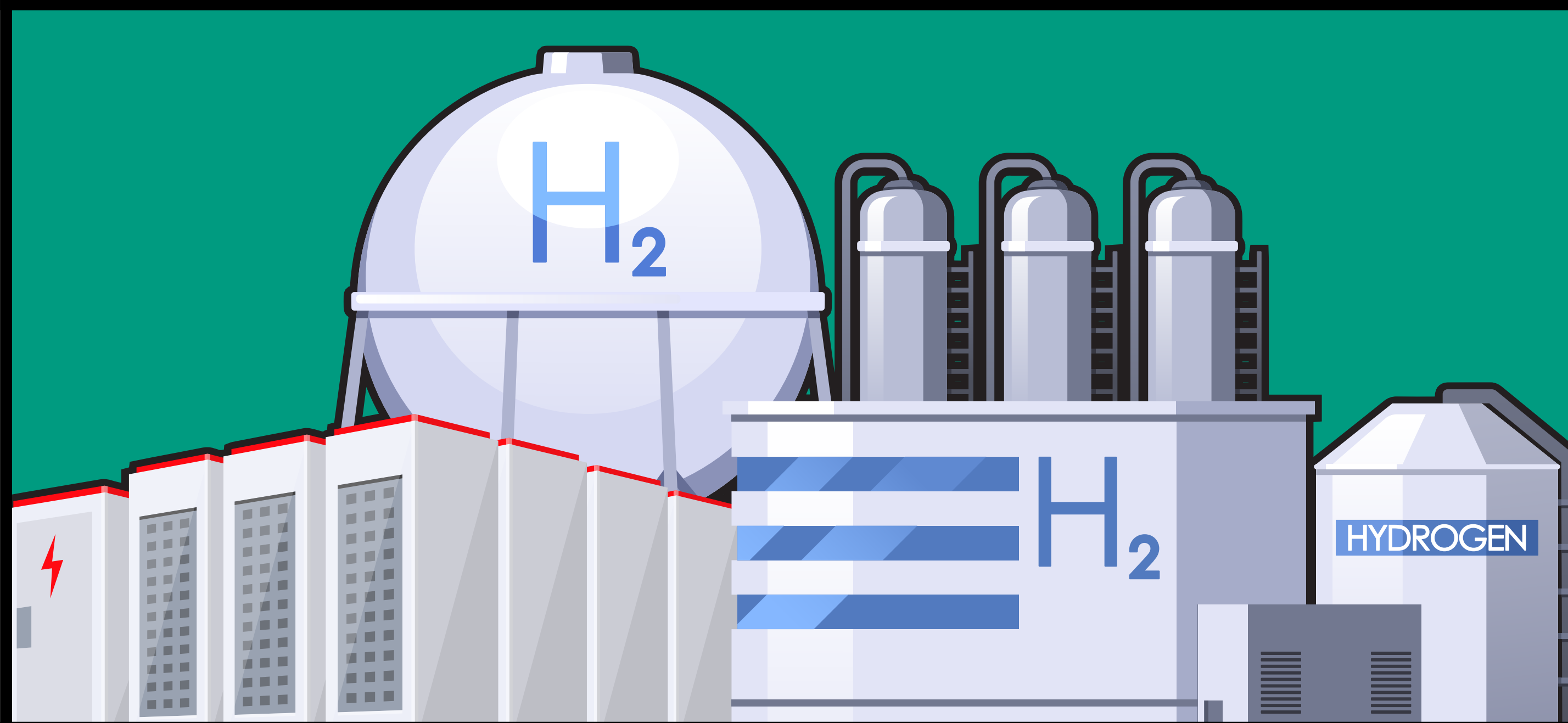
LAUNCH OF SUSTAINABLE AIR HUB BLUEPRINT

- Achieve net zero domestic and international aviation carbon emissions by 2050 through 12 initiatives across airport, airline and air traffic management domains. This includes:
 - Requiring flights departing Singapore to use Sustainable Aviation Fuel (SAF) from 2026. Targeting 1% SAF blend from 2026, to 3 - 5% SAF blend by 2030, subject to global developments
 - Maximising efforts to reduce energy use and deploy renewables, to reduce domestic aviation emissions from airport operations by 20% from 2019 levels in 2030

GREENING OUR BUILDINGS

- Implement Mandatory Energy Improvement (MEI) regime which targets large, energy-intensive buildings by end 2024

ENERGY RESET



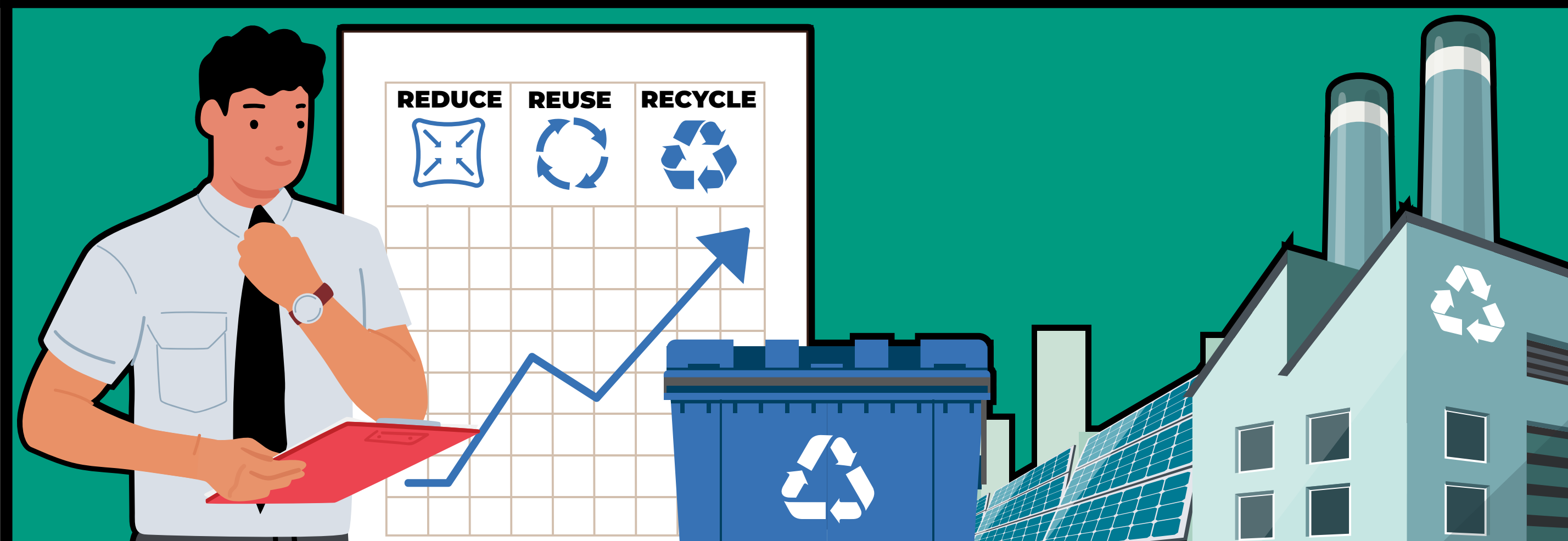
ADOPTING BEST-IN-CLASS POWER GENERATION TECHNOLOGY

- ❑ Awarded YTL PowerSeraya the right to build, own and operate a new hydrogen-ready Combined-Cycle Gas Turbine (CCGT) power plant
- ❑ Commencement of operations by end 2027, making it the third hydrogen-ready CCGT power plant in Singapore

ADVANCING EFFORTS IN EXPLORING LOW-CARBON ALTERNATIVES

- ❑ Launched request for proposals for low/zero carbon ammonia solutions for power generation and bunkering
- ❑ Committed \$53 million to 16 Low-Carbon Energy Research projects to improve technical and commercial viability of low-carbon energy technologies such as hydrogen

GREEN ECONOMY



BUILDING SUSTAINABLE ENTERPRISES

- ❑ Introduced a new course to train up Zero Waste Managers to champion 3R (Reduce, Reuse, Recycle) efforts in their organisations

TRANSFORMING & DECARBONISING SECTORS

- ❑ Enhance Resource Efficiency Grant for Emissions to support more industrial facilities and projects to improve energy efficiency and reduce emissions

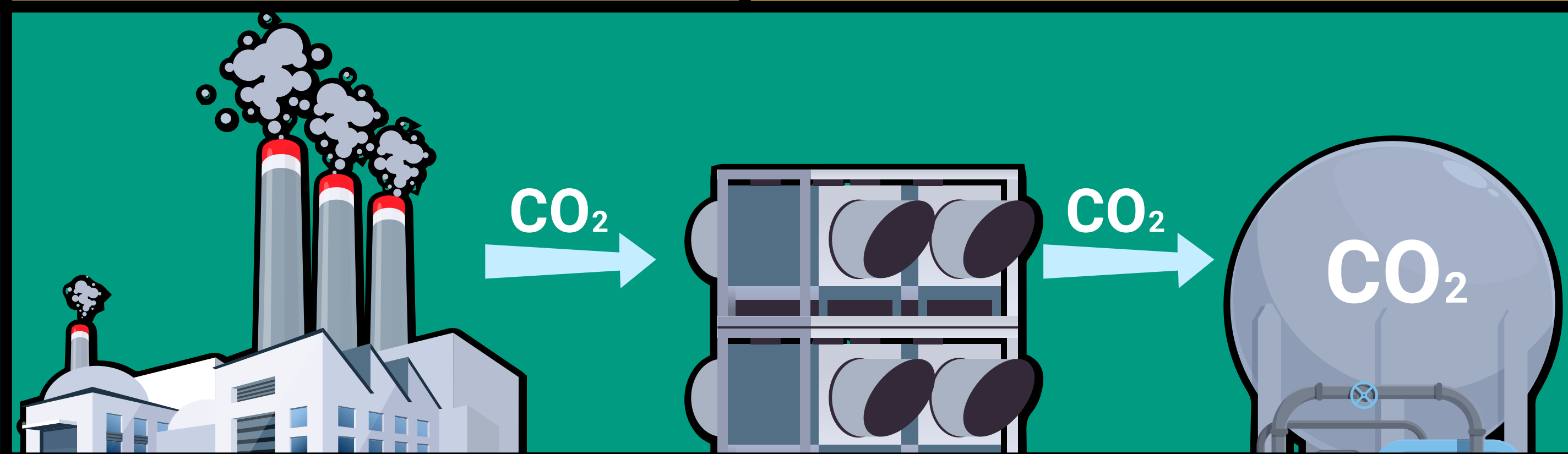
SEIZING OPPORTUNITIES IN THE LOW-CARBON ECONOMY

Helping businesses

- ❑ Extend Enterprise Financing Scheme-Green and expansion of the scheme to support adoption of green solutions
- ❑ Provide funding support for businesses starting on their sustainability reporting journey

Supporting workforce to upskill & reskill

- ❑ Develop training programmes in Carbon Management, Services and Trading with Institutes of Higher Learning



DEVELOPING CARBON CAPTURE & STORAGE AS A DECARBONISATION PATHWAY

- Work with an industry consortium to study the viability of developing a cross-border Carbon Storage project capturing emissions from Singapore

SUPPORTING BUSINESSES TO PURSUE SUSTAINABILITY COLLABORATIONS

- Introduce Environmental Sustainability Business Collaboration Guidance Note

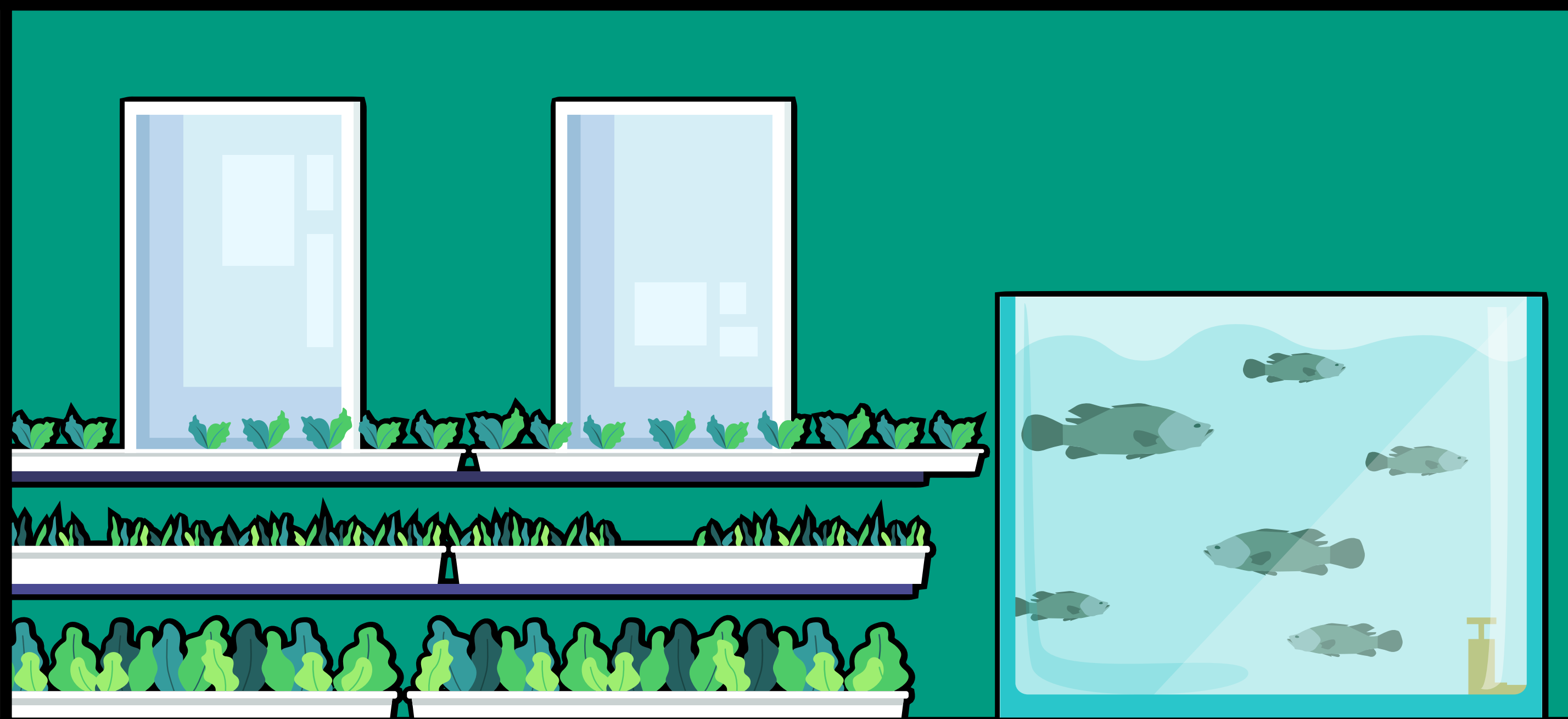
ENCOURAGING BUSINESSES TO INVEST IN ENERGY EFFICIENT EQUIPMENT

- Expand Energy Efficiency Grant to support adoption of energy efficient equipment in more sectors

SUPPORTING MARITIME BUSINESSES TO TAP ON NEW GROWTH OPPORTUNITIES

- Establish a new pillar under the Maritime Cluster Fund to catalyse first mover adoption of pre-approved sustainability solutions in targeted new areas

RESILIENT FUTURE



SECURING A SUPPLY OF SAFE FOOD

- ❑ Better protect consumers and safeguard food supply resilience through upcoming Food Safety and Security Bill
- ❑ Accredited new food import sources in 2023 (e.g. Indonesia for live chickens and eggs, Türkiye for eggs)
- ❑ Piloted a Food Resilience Preparedness Project involving secondary school students to educate them on the importance of food security
- ❑ Transform our aquaculture sector through the Singapore Aquaculture Plan, which will embody our collective vision for productive and sustainable aquaculture
- ❑ Partner stakeholders to better match supply and demand for local produce via an industry-led aggregator, as well as develop a uniquely Singaporean fish product
- ❑ Onboard more food establishments to the Farm-To-Table Recognition Programme

RESILIENT FUTURE



STRENGTHENING CLIMATE RESILIENCE

- ❑ Propose new legislation and Code of Practice to support coastal protection measures
- ❑ Conduct site-specific studies at City-East Coast, North-West Coast and Jurong Island to better understand Singapore's coastlines
- ❑ Continue to engage stakeholders on coastal protection efforts including for Long Island

GREEN GOVERNMENT



PRESSING ON TOWARDS NET ZERO: GREENGOV.SG

- ❑ Expand scope of tender evaluation points for sustainability to MICE events
- ❑ Inclusion of waste data in future GreenGov.SG reports