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# **GREEN PLAN**

The Singapore Green Plan 2030 positions us to achieve net zero emissions by 2050. We will continually update the plan in our sustainability journey.

Here are the key updates and initiatives announced by our Green Plan Ministries during the Committee of Supply 2025.

**JOINTLY LED BY:**





# CITY IN NATURE

## CONSERVING OUR NATURAL CAPITAL

- **Restoring nature & greenery into our urban landscape**
  - Developed 130 ha of new parks, ahead of 2026 schedule
  - Target to complete over 25 parks by 2030, including eight new parks added in the development pipeline
  - Carry out concept studies for over 100 ha of potential park development area
- **Strengthening connectivity between green spaces**
  - Established 391 km of park connectors
  - Target to complete over 50 km of park connectors by 2030, including 13 km of new park connectors added in the development pipeline
- **Safeguarding biodiversity by restoring habitats**
  - Restoring and enhancing 57 ha of forest, marine and coastal habitats

# SUSTAINABLE LIVING

## ENHANCING RESOURCE EFFICIENCY

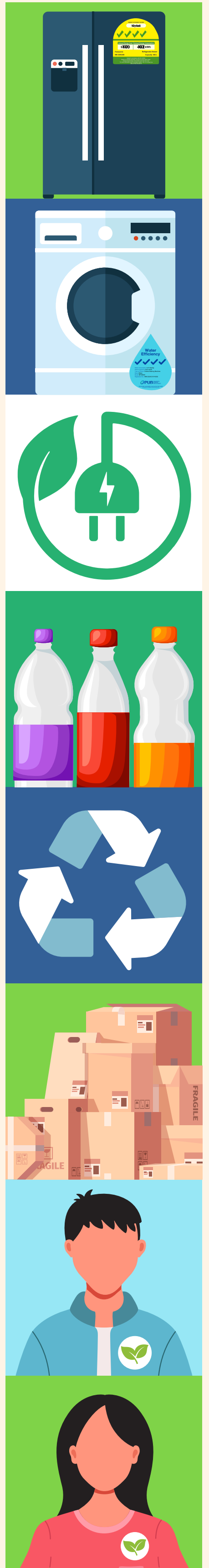
- **Households**
  - Expanded the Climate Friendly Households Programme with additional \$100 in Climate Vouchers for all HDB households on top of the existing \$300, and \$400 in Climate Vouchers for Singaporean households living in private properties
- **Businesses**
  - To raise Minimum Energy Efficiency Standards (MEES) for chilled water systems used for space cooling in new industrial facilities to align with BCA's standards

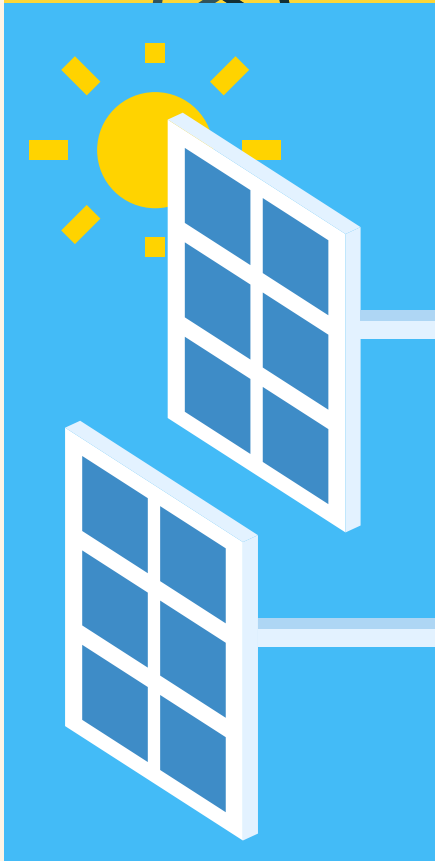
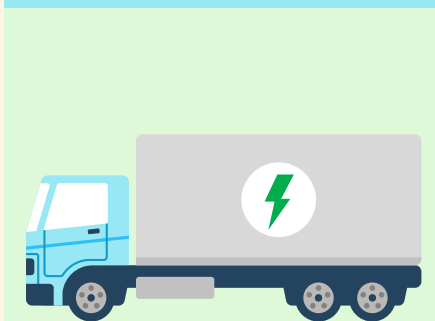
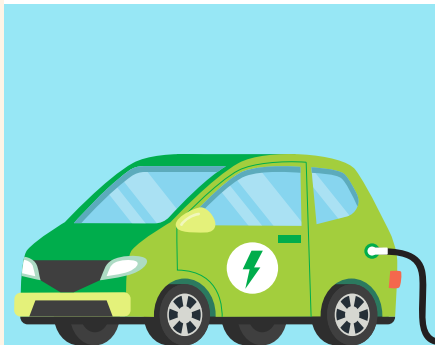
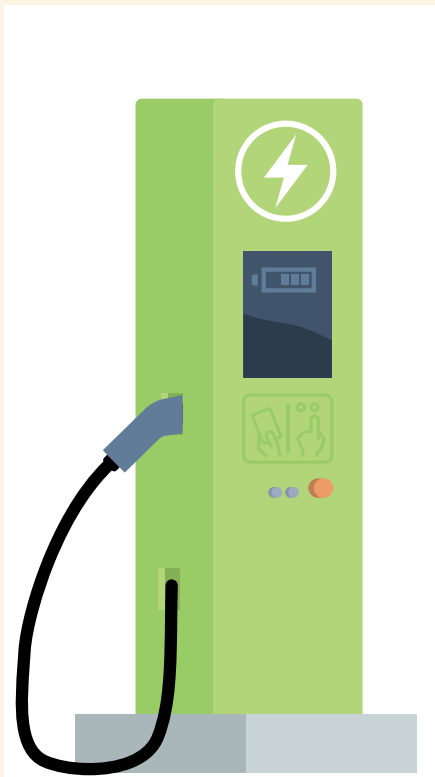
## FACILITATING WASTE REDUCTION

- Made progress in preparations to implement the beverage container return scheme in April 2026
- Developing Alliance for Action voluntary guidelines to reduce e-commerce packaging under the Alliance for Action on Packaging Waste Reduction for the E-commerce Sector

## NURTURING ECO STEWARDS FOR A SUSTAINABLE FUTURE

- Educating our students on the importance of energy sustainability and how they can contribute towards this collective effort, by spotlighting Singapore's Energy Story under the Eco Stewardship Programme





# ENERGY RESET

## **STRENGTHENING SUPPORT FOR ADOPTION OF CLEANER ENERGY VEHICLES**

- Introduce incentives to accelerate the adoption of zero emissions heavy vehicles
  - Heavy Vehicle Zero Emissions Scheme to lower the upfront cost gap between zero emissions and internal combustion engine heavy vehicles
  - Electric Heavy Vehicle Charger Grant to co-fund installation of electric chargers for electric heavy vehicles
- Expand and extend EV Common Charger Grant to support overnight charging in Non-Landed Private Residences

## **MAKING GOOD PROGRESS ON ELECTRICITY IMPORTS & LOW-CARBON ALTERNATIVES**

- Expanded the Lao PDR-Thailand-Malaysia-Singapore Power Integration Project from 100MW to 200MW
- Commenced 50MW pilot to import electricity from Peninsular Malaysia
- Achieved 2025 solar deployment target of 1.5 GWp in end 2024, ahead of schedule
- Issued Conditional Approvals to ten projects to import low-carbon electricity from Australia, Cambodia, Indonesia and Vietnam, of which five projects have made substantive progress and were awarded Conditional Licences
- Increased imports target to 6GW to cater to growing energy demand and continued interest from importers to supply low-carbon electricity from the region to Singapore



# ENERGY RESET

## SUPPORTING DEPLOYMENT OF LOW-CARBON TECHNOLOGIES

- Set up the Future Energy Fund with an initial injection of ~\$5 billion in 2024 and an additional top-up of \$5 billion in 2025. The fund can support the infrastructure investments needed to deploy low-carbon technologies

## INVESTING IN NEW LOW-CARBON PATHWAYS

- Making progress in preliminary engineering studies for potential first-of-a-kind pilot project utilising low-carbon ammonia for power generation and maritime bunkering

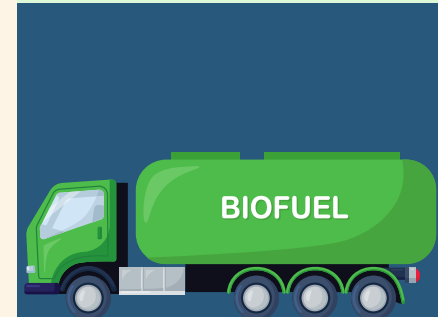
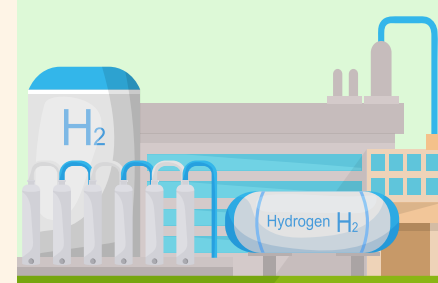
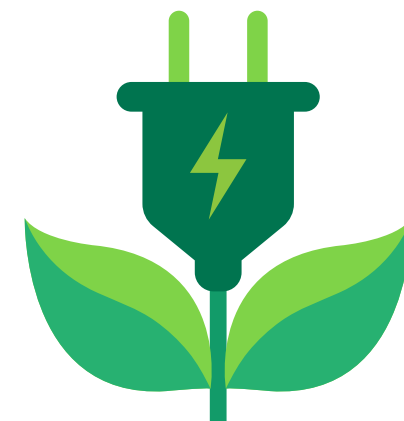
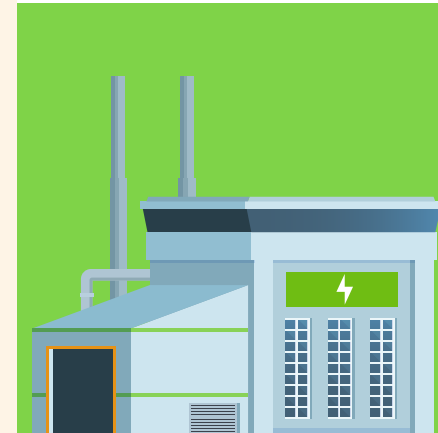
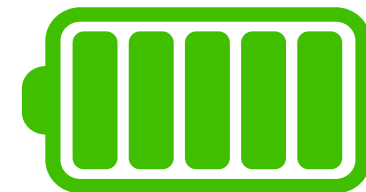
## ADOPTING POWER GENERATION TECHNOLOGY

- Awarded PacificLight Power in January 2025, the right to build, own and operate a hydrogen-ready natural gas power plant on Jurong Island, under EMA's Centralised Process for new generation capacity. The plant is expected to have a generation capacity of at least 600MW and be ready to commence operations in 2029

# GREEN ECONOMY

## DEVELOPING STANDARDS & TECHNICAL REFERENCES FOR ALTERNATIVE FUELS IN 2025

- To upgrade provisional and national quality standard for marine biofuel to technical reference including up to B100 and non-FAME products
- To publish technical references for methanol bunkering and implement methanol bunker tanker standards
- To develop technical reference for ammonia bunkering



# RESILIENT FUTURE

## SECURING A SUPPLY OF SAFE FOOD

- Enhanced the Agri-food Cluster Transformation Fund to better support farms adopting advanced farming systems over a longer project funding duration
- Established the National Broodstock Centre and Hatchery Development and Recognition Programme to build up capabilities to supply high-quality and genetically superior fish eggs and fingerlings to local farms
- Continue to avail space for farming by launching land and sea space tenders

## INVESTING IN CLIMATE SCIENCE

- Launched \$25 million Weather Science Research Programme to enhance Singapore's weather prediction capabilities

## STRENGTHENING HEAT RESILIENCE

- Progressively roll out infrastructural interventions for heat resilience (e.g. greenery, cool coatings)
- Partnering researchers to deepen understanding and co-create solutions such as wearable technology to monitor heat stress
- Developed heatwave response plans and expanding heat stress sensor network to enhance community heat resilience

## ENHANCING COASTAL PROTECTION

- Commence site-specific studies for the south-west coast and Sentosa Island by 2026 to develop tailored coastal adaptation measures
- Propose new legislation in 2H 2025 to support the implementation of coastal protection plans
- Develop Code of Practice for Coastal Protection and new Flood-Resilient Developments guidebook in 2026



# RESILIENT FUTURE

## STRENGTHENING FLOOD RESILIENCE

- Commencing six drainage upgrading works in 2025, including Sungei Serangoon Western and Eastern subsidiary drains to cater for upcoming developments in Lorong Halus area

# GREEN GOVERNMENT

## CHAMPIONING PUBLIC SECTOR'S EFFORTS TOWARDS NET ZERO

- **Improving public sector buildings' energy efficiency & pursuing our net-zero ambitions**
  - Invest around \$300 million over the next five years in projects to improve the energy efficiency performance of public sector facilities
  - Launch a pilot project by 2026 to study solutions to capture carbon emission at our waste-to-energy plants
- **Expanding government green procurement**
  - Published refined environmental sustainability evaluation criteria for large construction projects and ICT hardware tenders
  - Introduced sustainability evaluation criteria for government procurement of event venues and event management services in FY2025
  - Explore environmental sustainability considerations in facility management tenders

