



Climate change challenges and opportunities in the ACT

March 2024

Presentation to the ACT Strategic Board

The 2019 – 25 Climate Change Strategy focus is emission-reduction

ACTIONS TO 2025

Community leadership

Just transition

Transport

Energy, buildings and urban development

ACT Government leadership

Waste avoidance and management

Land use and biodiversity

Industry development and innovation

Monitoring, evaluation and reporting

Increasing ambition

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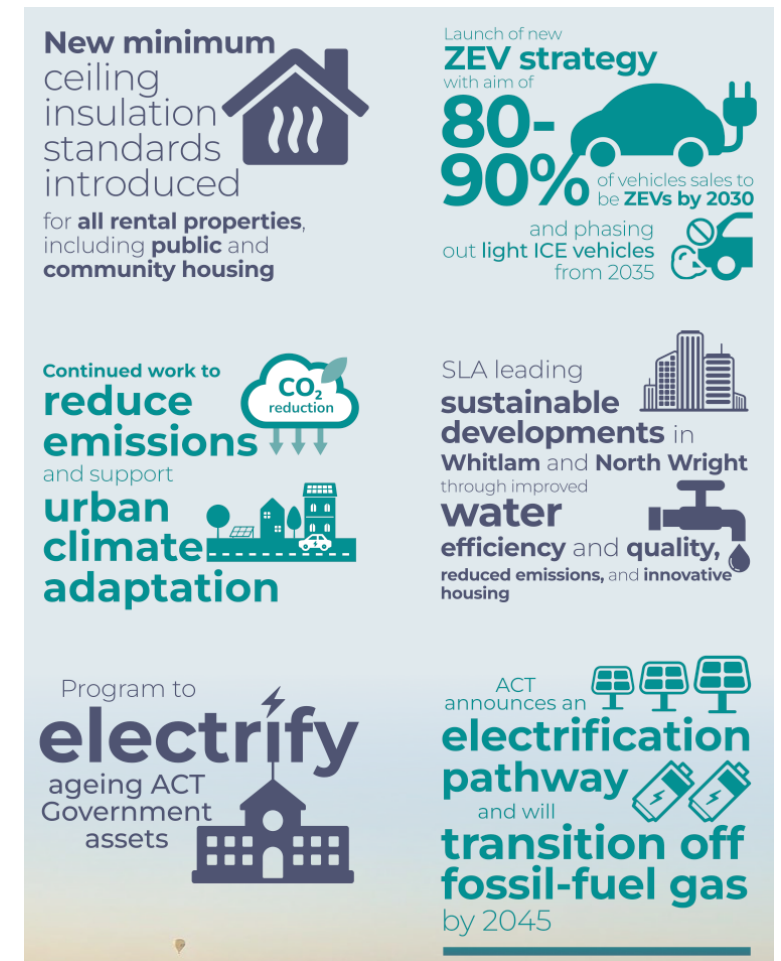
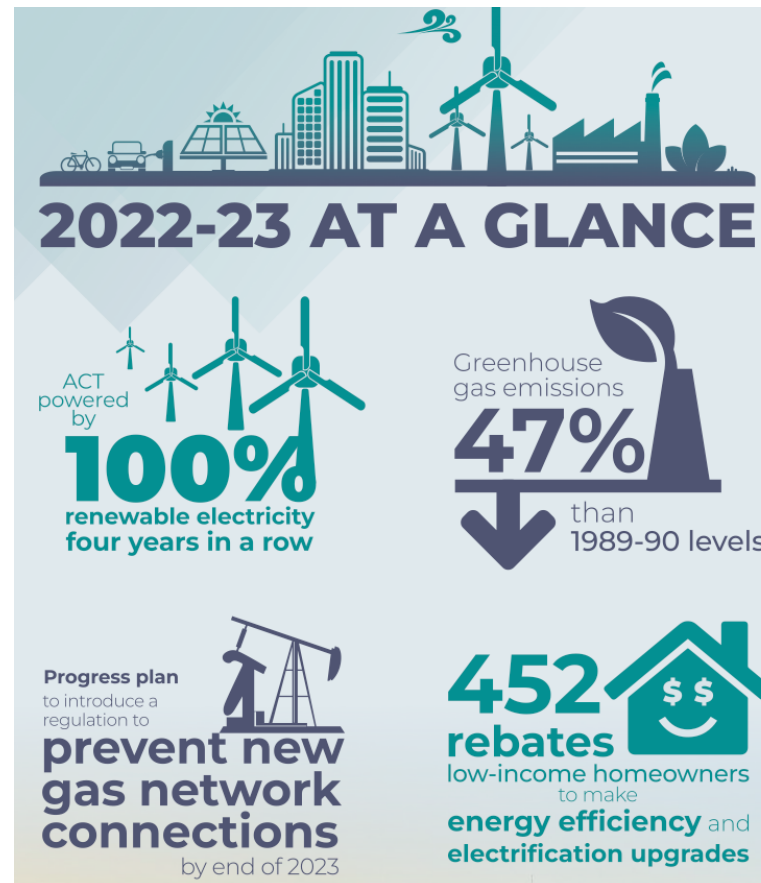
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Stronger focus on climate adaptation

- Housing stock and built environment – suited to the climate of the future
 - passive house designs improve liveability, reduces energy consumption
- Disaster preparedness
- Water systems (drainage, recycling and capture, reduced use inside/outside)
- Fire and biodiversity management in reserves and the national park
- Health systems (including pets)
 - health workforce needs, impact and capacity assessment (e.g. workforce transport in complex risk events, ventilation)
 - early warning systems, refugia
 - co-benefits/mainstreaming approach linked into the ACT Wellbeing Framework

Health and wellbeing



Electrification, transport and built environment

- Ongoing attention to equity issues (e.g. renters access to solar PV, new 'smart' financial options)
- Demonstration 'net-zero emissions' housing and best practice suburban planning including equitable green space allocations
- Leadership to include electrification/de-gasification into the building code
 - viability for degasification in city hubs, offices and large buildings
 - being prepared for a potential 'death spiral' for natural gas
- Continue push for electrification of transport
 - making active travel more attractive/viable, EV-ready buildings
- Transport behavioural change (e.g. the twice-daily school drop-off)
- Scope 3 emission aspects

Business and investment opportunities

- Already some examples (MCI, Crafted Hardwoods, Reposit, Windlab, Goterra)
 - opportunity for many more
 - clean, green, high-paying, high-skill, desirable jobs
 - circular economy (includes reducing Scope 3 emissions)
- New and emerging industries such as:
 - lithium battery recycling and testing and next generation battery technologies
 - solar panel recycling and testing
 - glazing products innovation
 - systems integration with renewables
- ‘Global green arts capital’
- High-quality carbon sequestration systems