

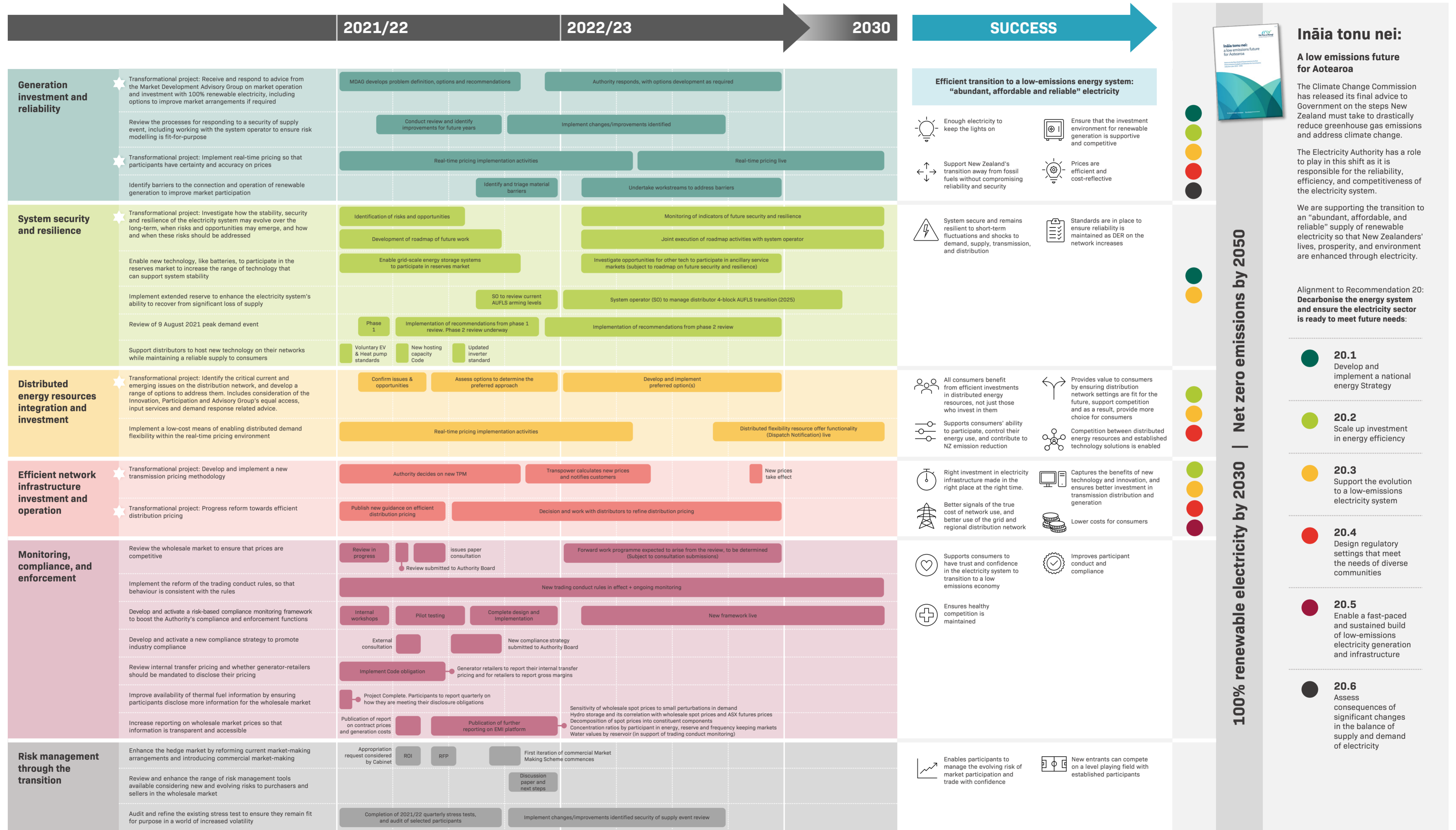


ENERGY TRANSITION ROADMAP

Supporting an efficient transition to a low-emissions energy system

New Zealand has committed to achieving net zero emissions by 2050, with the Government aspiring to achieve 100% renewable electricity by 2030. Heating and transportation in New Zealand will need to be electrified. The significant increase in demand for electricity will require large quantities of new renewable electricity generation, increased use of distributed energy resources, new ways to participate and more participants – changing the dynamics of the electricity system and markets.

As the regulator of New Zealand's electricity system, our work provides an important platform for the country's aspirations. Low-emissions energy is one of our five key strategic ambitions, and we are working to ensure the transition is as efficient as possible while maintaining energy security, system adaptability, and affordable electricity for consumers.



Ināia tonu nei:

A low emissions future for Aotearoa

The Climate Change Commission has released its final advice to Government on the steps New Zealand must take to drastically reduce greenhouse gas emissions and address climate change.

The Electricity Authority has a role to play in this shift as it is responsible for the reliability, efficiency, and competitiveness of the electricity system.

We are supporting the transition to an "abundant, affordable, and reliable" supply of renewable electricity so that New Zealanders' lives, prosperity, and environment are enhanced through electricity.

Alignment to Recommendation 20: **Decarbonise the energy system and ensure the electricity sector is ready to meet future needs:**

- 20.1 Develop and implement a national energy Strategy
- 20.2 Scale up investment in energy efficiency
- 20.3 Support the evolution to a low-emissions electricity system
- 20.4 Design regulatory settings that meet the needs of diverse communities
- 20.5 Enable a fast-paced and sustained build of low-emissions electricity generation and infrastructure
- 20.6 Assess consequences of significant changes in the balance of supply and demand of electricity

100% renewable electricity by 2030 | Net zero emissions by 2050

