



Australian Government

Department of Industry, Science,
Energy and Resources

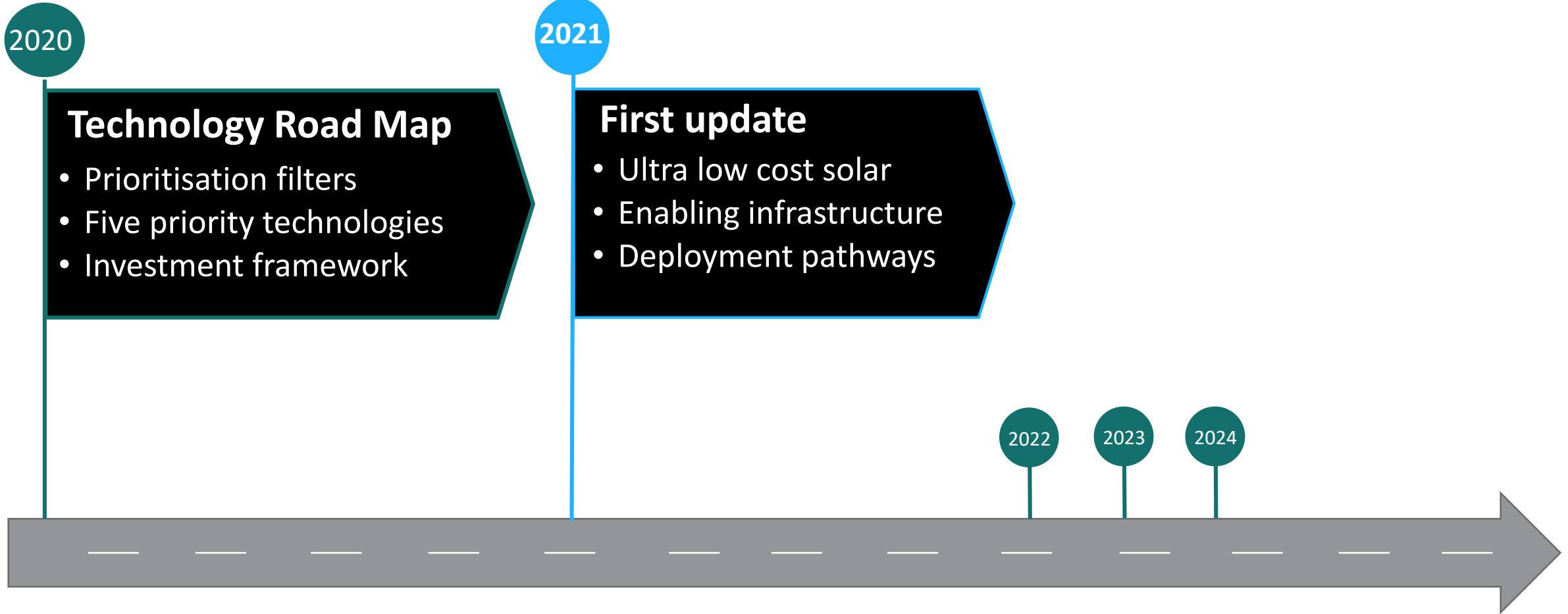
Australia's Update

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Annual Low Emissions Technology Statements



Priority Technologies

And their economic stretch goals



CLEAN HYDROGEN

Production under
\$2 per kilogram



ULTRA LOW-COST SOLAR

Solar electricity generation
at \$15 per MWh



ENERGY STORAGE

Electricity from storage for
firming under \$100 per MWh



LOW EMISSIONS MATERIALS

Low emissions steel production
under \$700 per tonne and low
emissions aluminium production
under \$2,200 per tonne



CARBON CAPTURE AND STORAGE

CO₂ compression, hub
transport and storage
under \$20 per tonne of CO₂



SOIL CARBON

Measurement
under \$3 per
hectare per year

Appliances and Equipment

Australia manages appliances with:

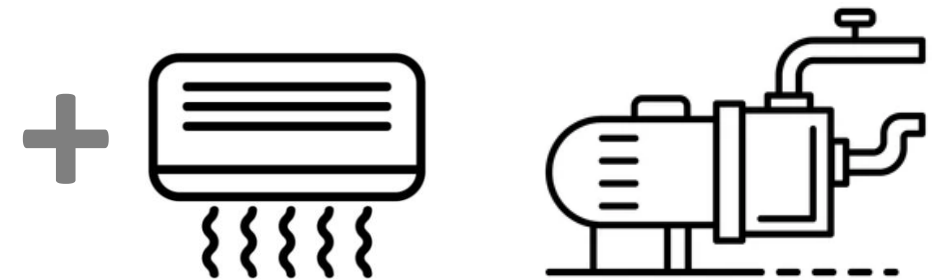
- Mandatory Minimum Energy Performance Standards (MEPS)
- Energy Rating Labels.

Future developments:

- New categories of products to be included.
- Investigating potential new MEPS industrial pumps, boilers and air compressors.



CURRENTLY 22 REGULATED PRODUCTS



From October 2022

Industrial Energy Efficiency

Industrial Energy Tools



Improve energy usage



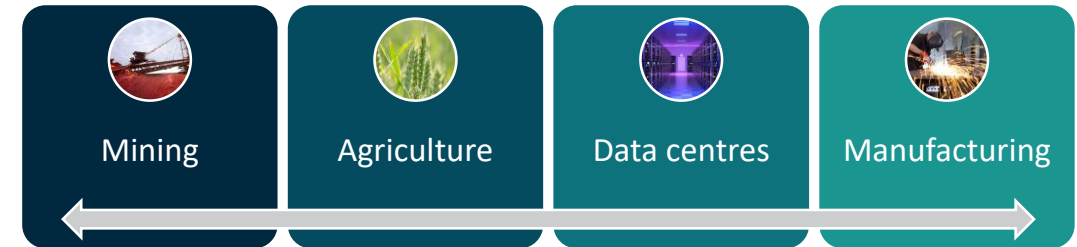
Inform technology investment decisions



Assess energy management

Industrial Energy Transformation Studies Program

- Grants program targeting energy efficiency project feasibility studies and front-end engineering designs (FEED).
- Supports large-scale, complex projects or smaller, aggregated projects.



Targeted sectors

Grant programs

Energy Efficient Communities Program

- \$19.7 million in grants delivered

Food and Beverage Grants

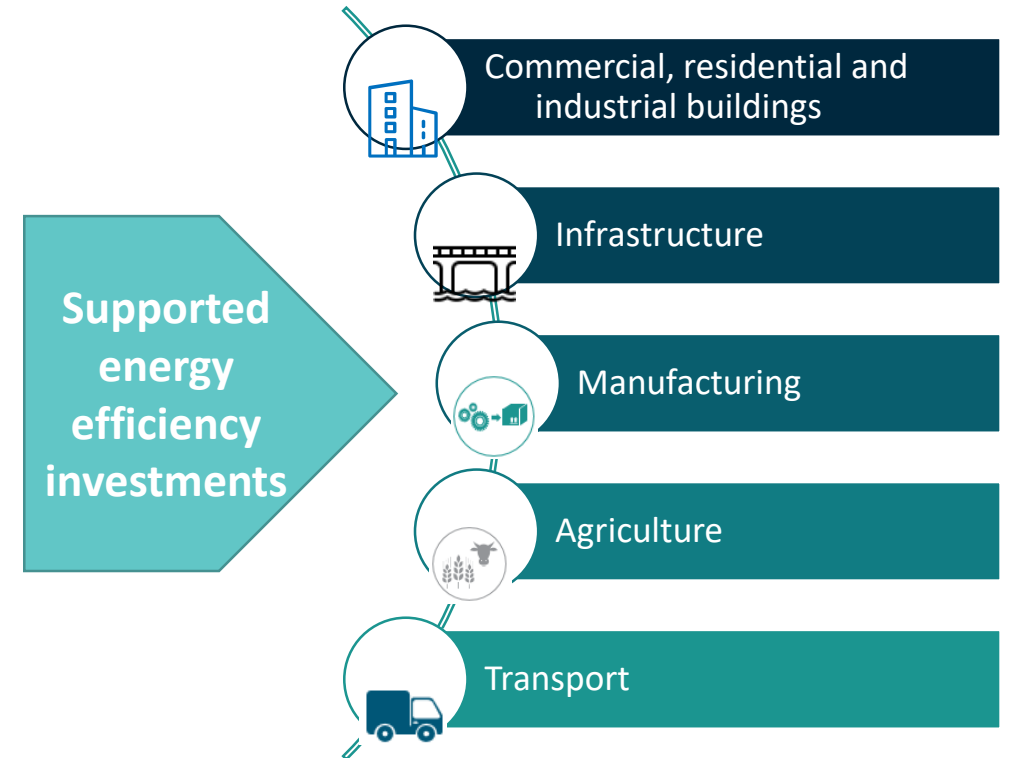
- Up to \$25,000 for food and beverage manufacturers

Powering Communities Program

- \$8.3 million in grants delivered

Clean Energy Finance Corporation (CEFC)

- The CEFC is Australia's specialist clean energy investor.
- The CEFC has invested more than \$10.3 billion.
- The CEFC co-funds a range of projects including social housing, commercial facilities and grid infrastructure.



cefc



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Thank you

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