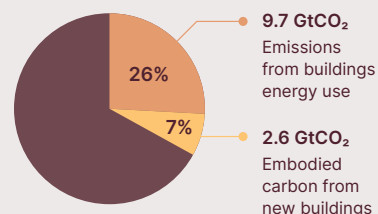




Solution toolkit: Actions for commercial businesses and building owners

Early demand signals from commercial businesses and professional building owners are key to scaling technologies and driving improvements in measuring energy performance.

Global emissions



Heating



Cooling



Cooking



Lighting and appliances



Embodied carbon

Set ambitious net-zero commitments



Commit to decarbonise buildings under ownership or management (i.e. scope 1 and 2 emissions) by 2030 and to rent high energy performance buildings.



Commit to increase the energy efficiency of owned buildings by 2035 and whenever a renovation takes place.

Measure and report on energy performance



Ensure all buildings are certified by a leading green building certification scheme, such as NABERS, LEER and BREEAM.



Measure and report on actual energy use and performance.



Work with the real estate sector to develop “building passports” – a digital log that contains information on materials, technical characteristics, and energy and environmental performance.

Zero-carbon buildings checklist

Key investments will vary across buildings and include:



Hot water storage tanks.



Electric heating, cooling and ventilation system.



LED lighting and sensors.



Smart energy management system.



Efficient installed appliances.



Adopt dynamic time-of-use energy tariffs.



Passive heating/cooling building design features.



Solar panels and battery storage.



Green building certificate.

Zero-carbon buildings enable the private sector to...

Realise cost savings and potential new revenue streams (e.g., flexible renewable energy generation).

De-risk their assets against future carbon and energy regulation.

Meet their own net-zero commitments and provide positive spillovers across the sector.