



Home Product Center Public Company Limited

Pathway to Net Zero 2050

Business Group Structure



Home Product Center



Market Village



Mega Home



DC Service Center





SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Committed in 2022

Verified by 2024

**HOME PRODUCT CENTER PUBLIC
COMPANY LIMITED** ★

Thailand, Asia

Date published/updated
2022

Sector
Retailing



Scope of Carbon Footprint

Scope1

235 tCO₂
(0.15%)



Diesel fuel / Natural gas
(company & associates' vehicles)



Diesel fuel
(Generator & Fire Pump)



Chemical in Fire Extinguishers
(CO₂)



Methane gas from Septic tank



R-407a/R-134a Refrigerant

Scope2

96,389 tCO₂
(60.55%)



Electricity

Scope3

62,574 tCO₂
(39.31%)



Diesel fuel (Third party truck)



Tap water

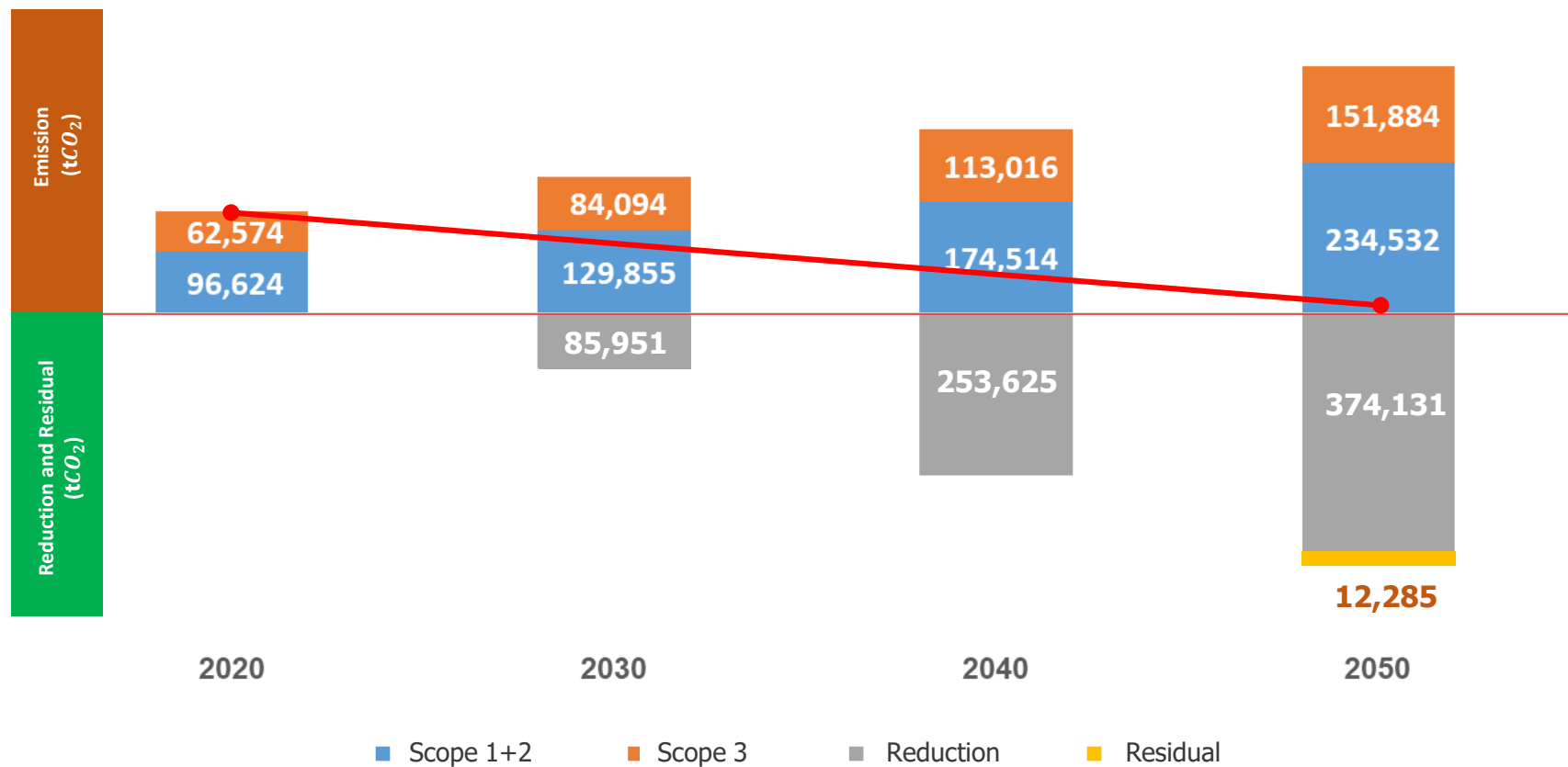


LPG gas (Associates Canteen)

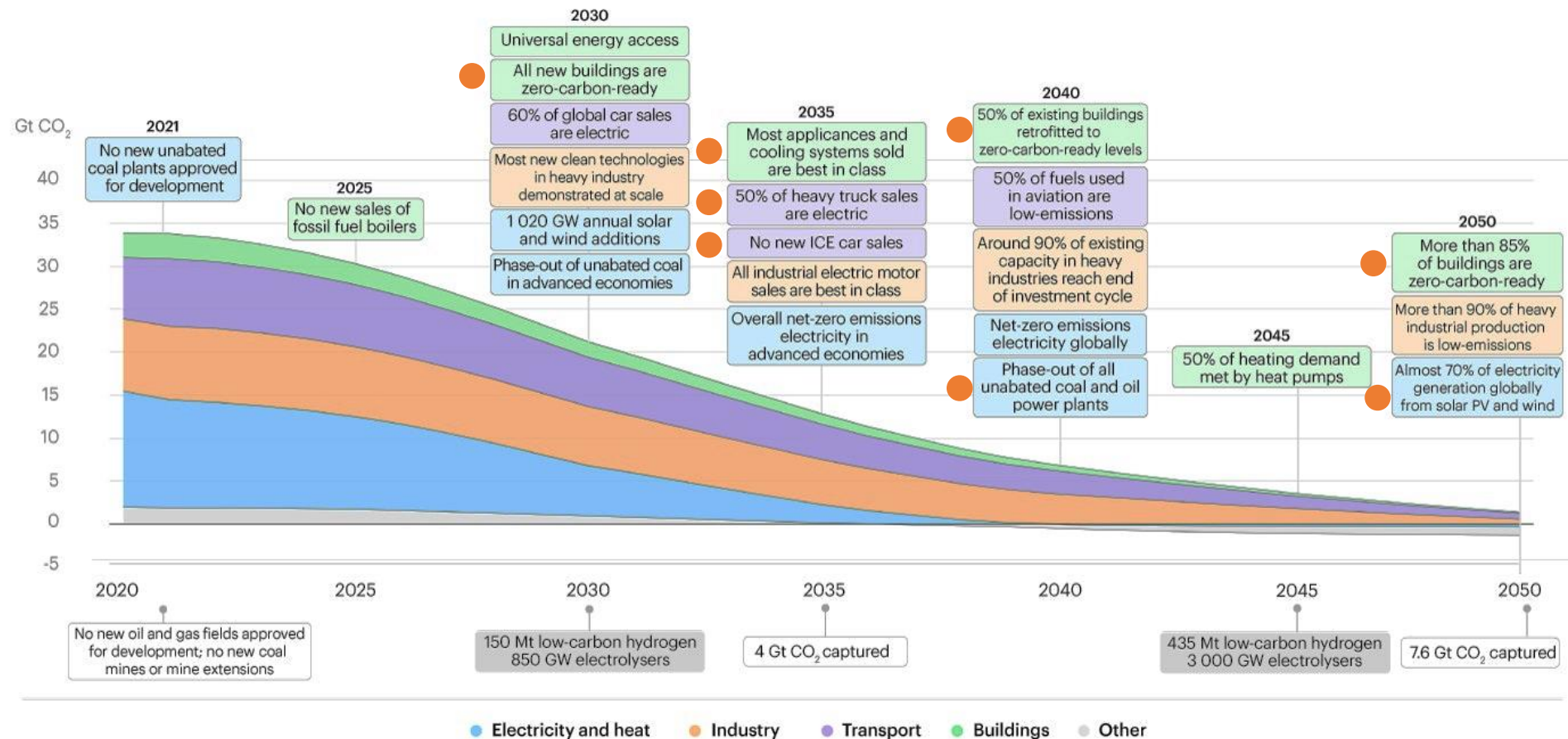


Waste

Pathway to Net Zero 2050



● Target net zero emission within year 2050 (IEA NZE 2050)
Business as Usual Scenario (RCP8.5)



2030

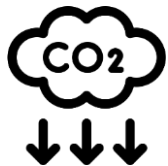
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2035

2040

2050

- All new buildings are zero-carbon-ready
- Most appliances and cooling systems sold are best in class
- 50% of heavy truck sales are electric
- No new ICE car sales
- 50% of existing buildings retrofitted to zero-carbon-ready Levels
- Phase-out of all unabated coal and oil power plants
- More than 85% of buildings are zero-carbon-ready
- Almost 70% of electricity generation globally from solar PV and wind



Decarbonization

- Renewable Energy
- Building Management
- Green transportation
- Waste Management
- Responsible Consumption



Carbon Removal

- No deforestation
- Reforestation or forest preservation
- Carbon removal technologies

Decarbonization

- Renewable Energy



Solar rooftop and other renewable energy



Solar Energy Fuels

- Building Management



Green Building Design



Building Control Monitoring System (BCMS)



Replace AHU/CDU air conditioners with small FCU/CDU and install room divider

Decarbonization

- Green transportation



Electrical vehicles (EV) in the logistic

- Waste Management



Reduce waste generated in operations

- Responsible Consumption



BCG Model (Bio, Circular, Green Economy)



Responsible Plastic Consumption

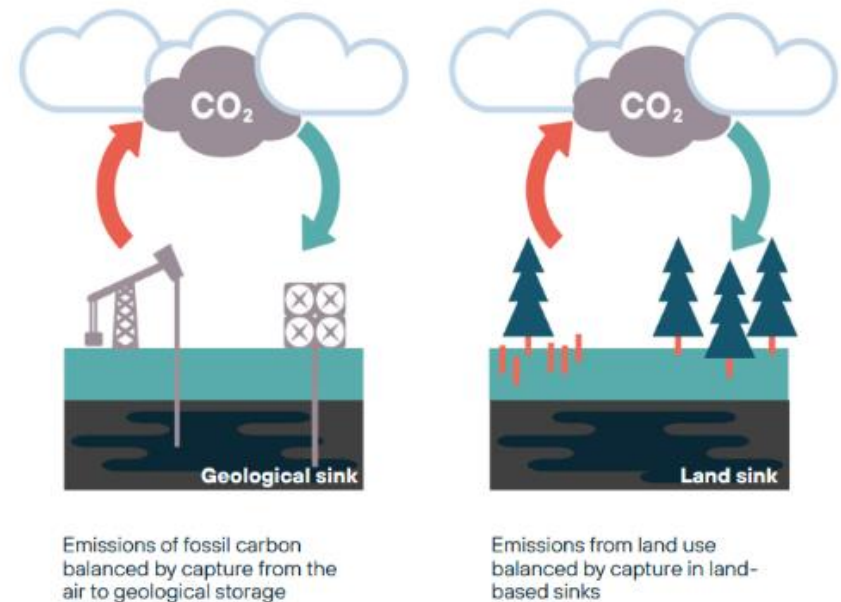


Sustainable Packaging Management

Carbon Removal



No deforestation,
Reforestation or forest preservation



Carbon removal technologies