



BUILDINGS

Indicators for energy use in the Buildings sector

ACTIVITY

2015

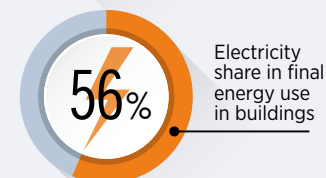
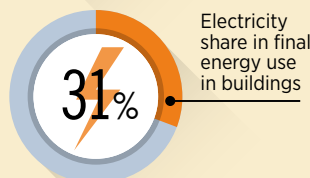
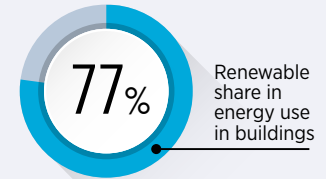
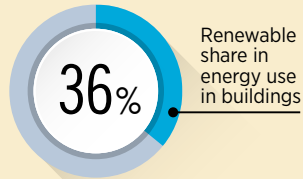
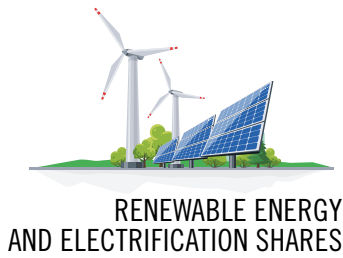
REmap Case 2050



Total building stock floor area



Number of households



RENEWABLE ENERGY INDICATORS



568 million units

Traditional cookstoves

0

48 million units

Modern cookstoves

867 million units

4 EJ/yr

Heat

7.6 EJ/yr



622 million m²

Collector area

6 299 million m²



0.30 EJ/yr

Heat

1.76 EJ/yr



20 million units

Heat Pumps

253 million units

ENERGY RELATED CO₂ EMISSIONS

2.8 Gt CO₂/yr

0.8 Gt CO₂/yr

Avoided CO₂ emissions in 2050 compared to Reference Case:

2.3 Gt CO₂/yr

INVESTMENT

Total investments for decarbonisation for the period 2015-2050

39.6 USD trillion



STRANDED ASSETS

for the period 2015-2050

Delayed Policy Action

10.8 USD trillion

REmap Case 2050

6.6 USD trillion