



Fossil CO2 emissions

In 2024, fossil CO2 was 35.3% below the baseline of 3,635,469 kgCO2.

2024: 2,350,444 kgCO2

2030 target: 1,781,380 kgCO2

To achieve this target, fossil CO2 must reduce by another 24.2% from 2024 level within 6 years. If planned energy-saving projects are implemented fossil CO2 could reduce by 6.3%, by 2030*.



Total CO2 emissions

In 2024, total CO2 was 50.9% below the baseline of 11,222,763 kgCO2.

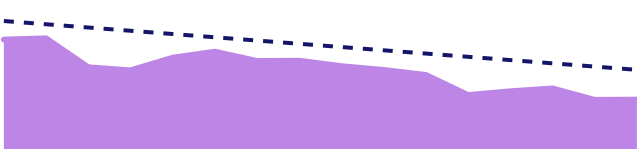
2024: 5,511,464 kgCO2

2030 target: 3,407,928 kgCO2

To achieve this target, total CO2 must reduce by another 38.2% from 2024 level within 6 years. If planned energy-saving projects are implemented total CO2 could reduce by 39.8%, by 2030*.

Energy efficiency

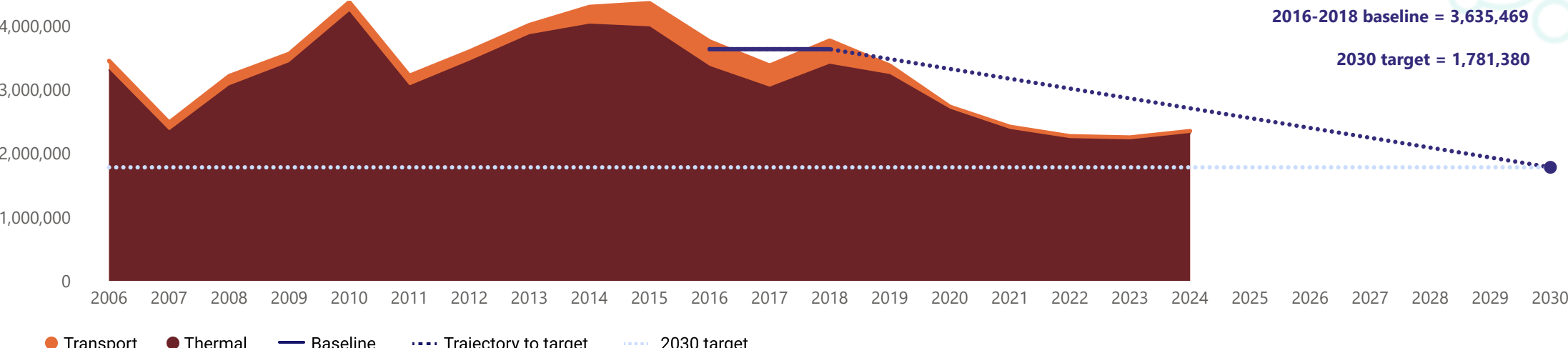
By 2024, energy performance had improved by 57.2% since the baseline.



If energy performance is maintained at this level for another 6 years, the efficiency target will be achieved. If planned energy-saving projects are implemented performance could improve by 7.2 percentage points, by 2030*.

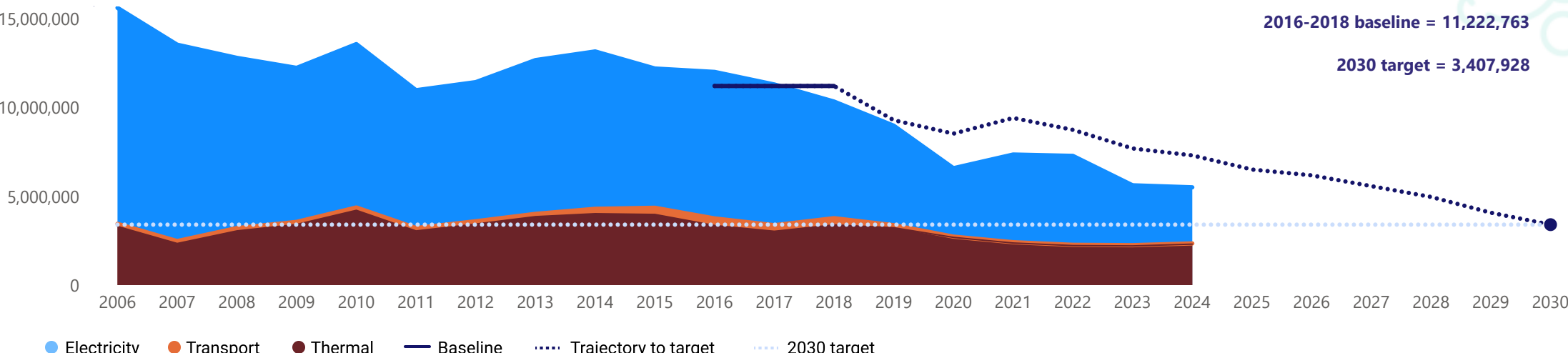
Fossil CO2 target

kgCO2



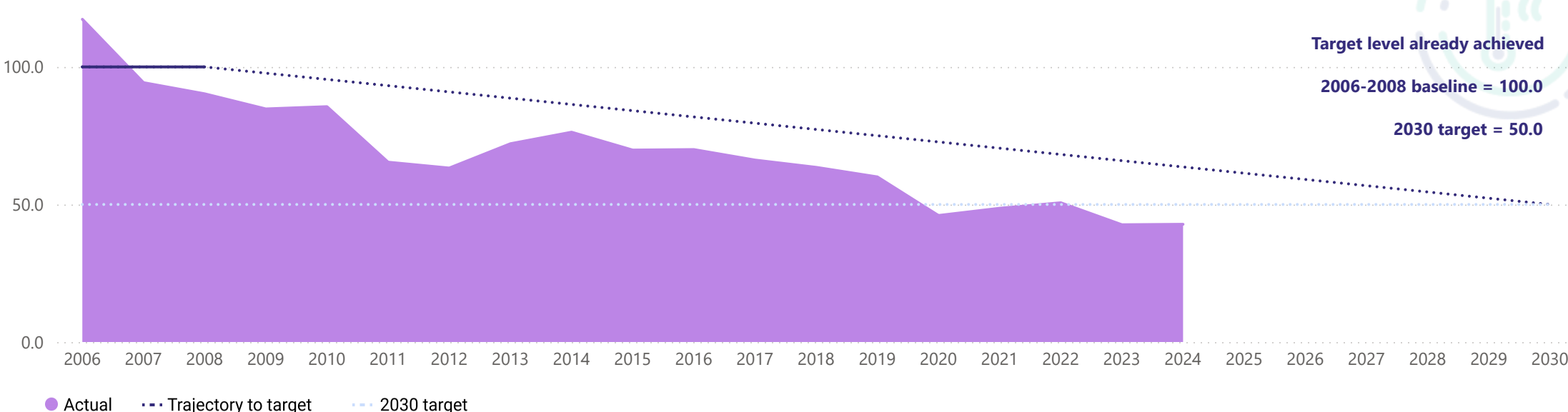
Total CO2 target

kgCO2



Energy efficiency target

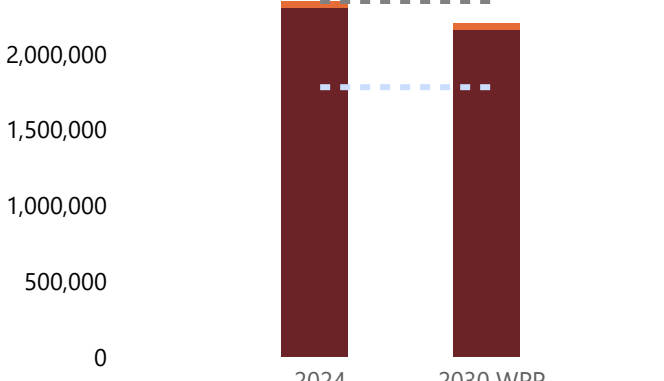
Energy performance indicator (EnPI)



Projected impact of planned energy-saving projects reported via SEAI's monitoring & reporting (M&R) system

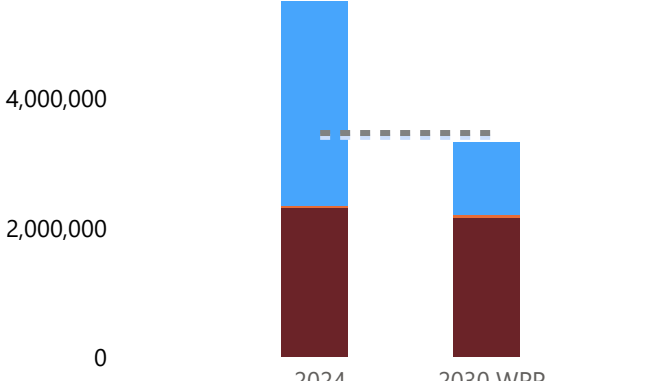
*Note that the projected future impacts of planned projects are calculated from the data reported to SEAI by the organisation. The projections assume that the organisation will not grow its energy footprint between now and 2030, e.g. through expansion, new capacity etc.

Fossil CO2 target, kgCO2



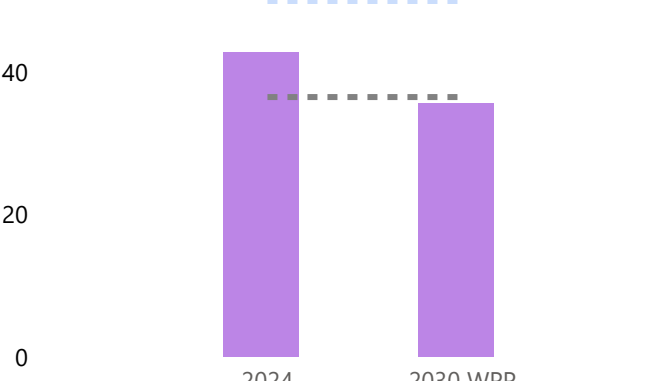
If planned projects are implemented fossil CO2 could reduce by 6.3%, indicating a gap to target of 421,650 kgCO2 in 2030*.

Total CO2 target, kgCO2



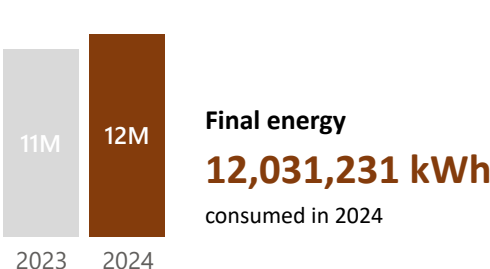
If planned projects are implemented total CO2 could reduce by 39.8%, which would bring emissions below the 2030 target level*.

Energy efficiency target, EnPI

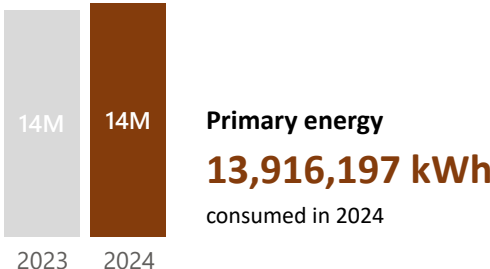


If planned projects are implemented energy performance could improve by 7.2 percentage points, which would bring 2030 performance within the target level*.

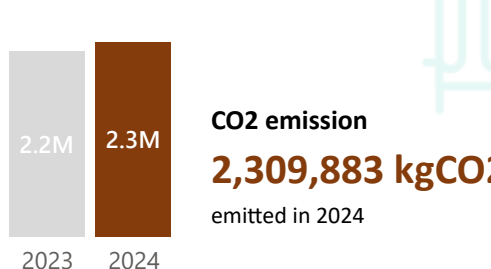
Thermal energy



Final energy
12,031,231 kWh
consumed in 2024

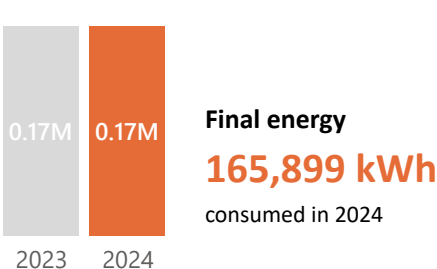


Primary energy
13,916,197 kWh
consumed in 2024

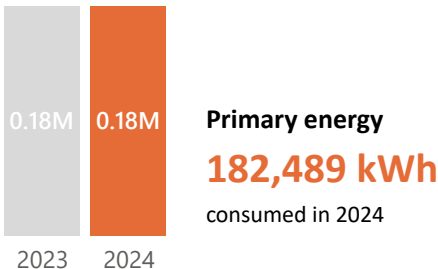


CO2 emission
2,309,883 kgCO2
emitted in 2024

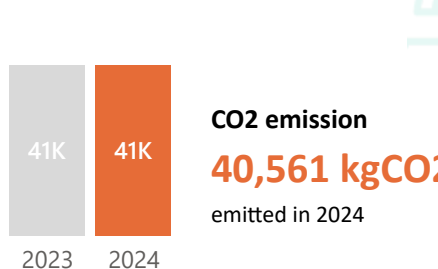
Transport fuels



Final energy
165,899 kWh
consumed in 2024

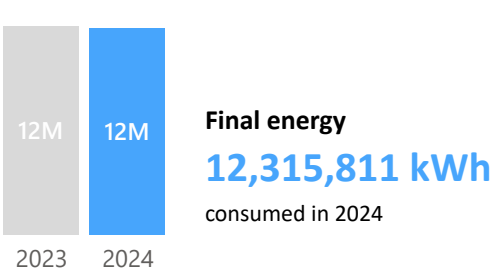


Primary energy
182,489 kWh
consumed in 2024

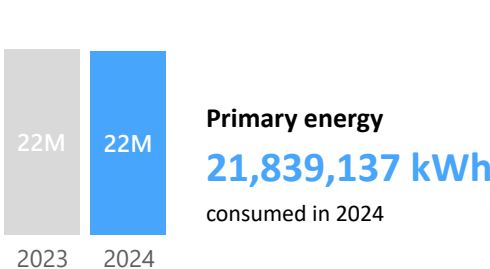


CO2 emission
40,561 kgCO2
emitted in 2024

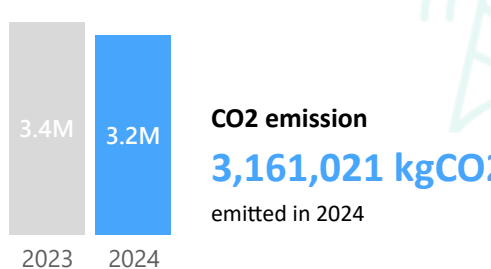
Electricity



Final energy
12,315,811 kWh
consumed in 2024

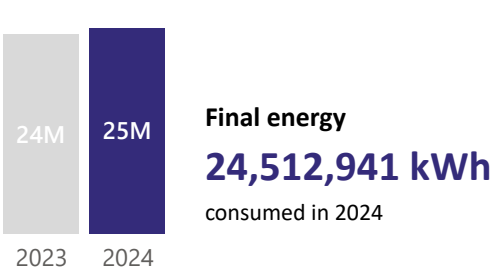


Primary energy
21,839,137 kWh
consumed in 2024

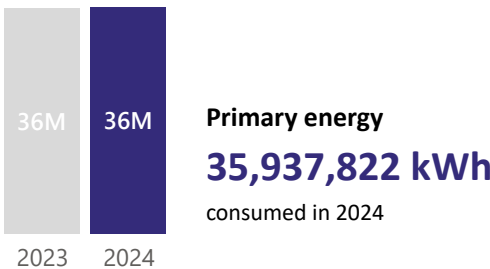


CO2 emission
3,161,021 kgCO2
emitted in 2024

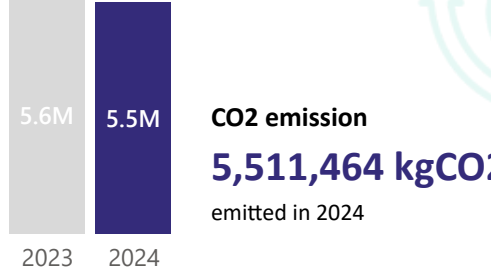
Total energy



Final energy
24,512,941 kWh
consumed in 2024



Primary energy
35,937,822 kWh
consumed in 2024



CO2 emission
5,511,464 kgCO2
emitted in 2024