



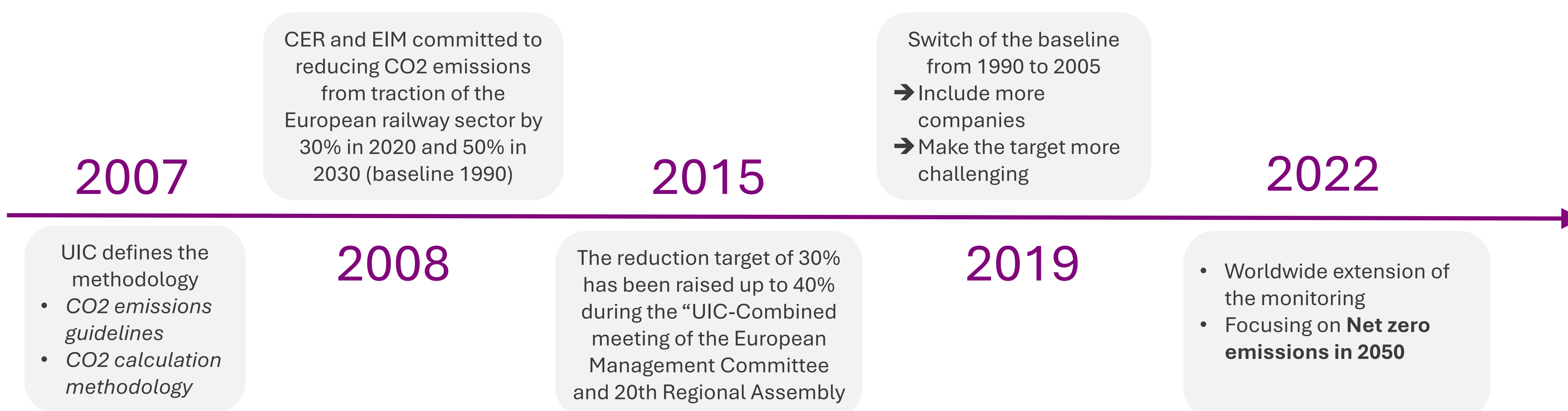
UIC Traction Energy & Emission Data

Each year, UIC collects data on energy consumption and emissions from railway undertakings to monitor the performance of railways towards decarbonisation targets set out by the UIC and CER for 2030 and 2050. With this data collection, UIC produces a yearly report on Traction Energy and Emissions, which provides key insights for policy and decision makers, financing institutions and academia, among other important stakeholders in the rail ecosystem. Tracking progress is the key to continued promoting of the role of rail as the cleanest mode of transport.

What is the data useful for?

- UIC advocacy work, e.g. during COP meetings
- IEA data on transport sector
- Carbon footprint tools
- UIC members to compare/benchmarking

Read more



Which data are collected?

Electric traction
Consumption
CO₂eq emissions
Activity (pkm, net tkm, trainkm)

Diesel traction
Consumption
CO₂eq emissions
Activity (pkm, net tkm, trainkm)

PM and NO_x emissions

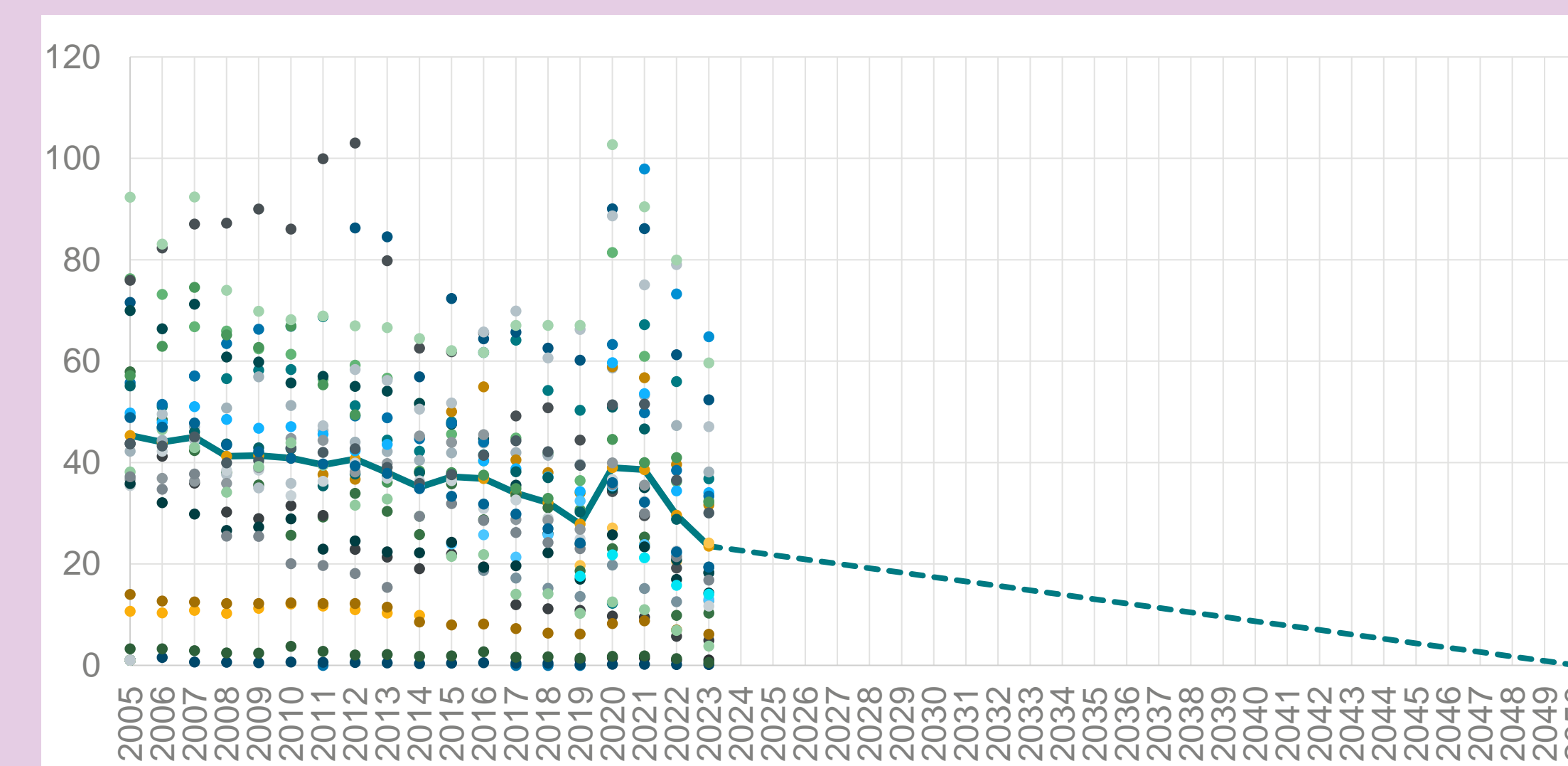
Electricity and energy efficiency

Separate data for passenger and freight trains

2024 campaign

Tracking zero – 2023 data

Specific passenger CO₂eq emissions (gCO₂eq/pkm)



Specific freight CO₂eq emissions (gCO₂eq/tkm)

