

Key Performance Indicators Set

NO₂ emissions

Annual average nitrogen dioxides: NO₂ emissions can be derived from energy use if not directly available. The level of NO₂ emissions are varying depending mainly on the energy generation technology and type of fuel.

The selected indicator is described in the European Union Directive 2008/50/EC of 21 May 2008 on ambient air quality and cleaner air for Europe.

The target and limit values are set to protect human health. Member States should take action in order to comply with the limit values, and where possible, to attain the target values.

- The limit value for the annual mean of NO₂ is 40 µg/m³;
- The hourly limit value for NO₂ is 200 µg/m³ and should not be exceeded more than 18 times during a year.

MAIN REFERENCE: CityKeys, Green Capital, STEEP

DATA SOURCE: environmental departments or agencies (air samples)

- MEASUREMENT METHOD: The annual indicator is measured as average concentration in micrograms per standard cubic meter in µg/m³.
- PRIORITY: OPTIONAL
- Usefulness and user-friendliness: useful to evaluate energy and mobility policies. It can be enriched with other details.

