

Key Performance Indicators Set

Green electricity production

The indicator, a percentage, measures how much of total electricity consumed is green due to self-production within the city boundaries.

- MAIN REFERENCE: CoM, EEA, CityKeys, STEEP/REPLICATE, UN SDG
- DATA SOURCE: from BEI/MEI calculation (support: EPT tool provided by CoME EASY) or from electricity network manager, providers, national electricity managing bodies...
- MEASUREMENT METHOD: The share of renewable electricity produced within the city is calculated as the total consumption of electricity generated from renewable sources (numerator) divided by total energy consumption (denominator). The result shall then be multiplied by 100 and expressed as a percentage. Consumption of renewable sources includes solar, wind, hydro, tide and wave energy, and combustibles used for electric generation, such as biomass. (ISO/DIS 37120, 2013).
- PRIORITY: MANDATORY
- Usefulness and user-friendliness: It is related to UN SDG 7 – Affordable and clean energy

