

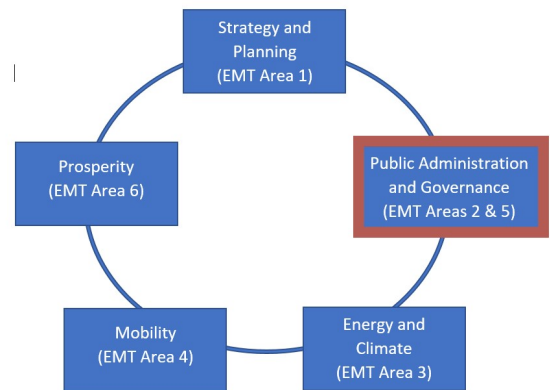
Key Performance Indicators Set

Energy consumption of public sector (3 KPIs)

The public sector should play an exemplary role in driving change in the energy sector. It could also influence the market with proper regulation or by starting the implementation of best practices.

Here the public sector's consumption trends are monitored in detail.

The indicators set could consist of:



1. **Energy consumption of public buildings** [MWh/Cap/y] as total consumption of the public estate; it is suggested to make use also of the “public buildings database” or equivalent tools which collect detailed data for each sub sector (offices, health, schools, sport facilities...) starting from single buildings
2. Public fleet fuel consumption [MWh/Cap/y]
3. Total consumption of electricity for public lighting [MWh/Cap/y]. In this case also there could be many additional specific calculations, like consumption by length of lightened streets [MWh/km] or also the percentage of public lighting consumption that comes from green energy sources.
 - MAIN REFERENCE: EEA, CoM, ISO 50001, REPLICATE...
 - DATA SOURCE: EPT tool (or municipal energy manager, public buildings office, providers)
 - MEASUREMENT METHOD: MWh/Cap/y
 - PRIORITY: MANDATORY
 - *Comments*: most of the comments were related to units as technicians are used to evaluate buildings performances in [kWh/m²y]. It has been decided to keep the units for this general KPI, linked to the emissions inventories, which is measuring the whole public buildings stock performance in relation with the size of the city. Specific KPIs are part of the buildings database.
 - *Usefulness and user-friendliness*: it is not difficult to calculate when using the EPT tool