

E.13 Monitor the energy consumption to calculate achieved savings

A challenge for any entity deciding to embark on energy savings is the post measurement of these savings. The implementation of an appropriate monitoring and metering strategy at the individual level will allow a reliable level of data collection.

If SMEs are aware of their energy consumption, it is often on the basis of the bills they receive. Most of the time, these do not allow regular monitoring of consumption. The implementation of a monitoring system, together with the appointment of a person in charge of the energy monitoring of the company, is the basis for carrying out energy efficiency actions. Monitoring allows the establishment of the baseline situation, as well as a regular follow-up of consumption and "events" that may have a link on this consumption. Indeed, if the initial consumption is not known, it will not be possible to see whether the actions implemented have actually been successful.

At an individual level, Trusted Partners can help SMEs to implement this monitoring. For some items, a sub-metering strategy can be developed (per building or for specific processes). Although it must be defined individually, the implementation of sub-meters for the local energy collective can also be envisaged. The calculation methods for establishing energy savings can be defined for the collective.