

# White Paper

## Revision of ISO 50001

### What changes does ISO 50001:2018 bring?



DIN EN ISO 50001, the international standard for systematic energy management, came into force in 2011. Five years later, work began on the revision and ISO 50001:2018 was published in August 2018. Companies currently certified according to ISO 50001:2011 should prepare early for the changeover. This paper aims to provide information about the most important changes and practical courses of action.

#### Significant changes to ISO 50001:2018

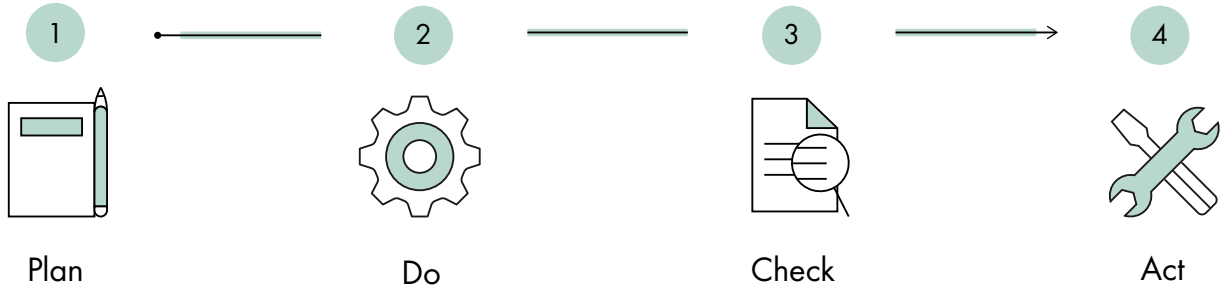
Among the major changes in [ISO 50001:2018](#) is the implementation of the High Level Structure (HLS), which has been incorporated into all new and revised ISO standards. The High Level Structure was introduced in 2012 by the International Organization for Standardization (ISO). This uniform common structure primarily facilitates the integration and application of various management standards. In addition, it provides a better understanding of different management systems.

Chapters of the High Level Structure comprise:

1. **Scope of application**
2. **Normative references**
3. **Terms**
4. **Context of the organization**
5. **Guidance**
6. **Planning**
7. **Support**
8. **Operation**
9. **Performance evaluation**

### Further innovations of ISO 50001:2018 at a glance:

- Stronger demands on top management
- Systematic consideration of opportunities and risks
- Even greater focus on energy assessment: demonstrating continuous improvements in energy-related performance, in line with the Plan, Do, Check, Act (PDCA) cycle, by identifying key consumers, as well as establishing energy performance indicators (EnPIs) and energy baselines (EnBs)
- Determination and inclusion of all relevant internal and external parties and topics, as well as their requirements for the energy management system



- Defining energy policy and strategy
- Identifying responsible persons
- Recording and analyzing energy use

- Prioritizing and implementing effective measures, energy policy, and strategy
- EnMS Sensitization and Training
- EnMS Documentation

- Check implemented measures
- Identify improvement measures

- Evaluation by top management
- Management review
- Correct identified vulnerabilities

### What doesn't change?

The core concepts of ISO 50001 were not changed, only the identified weaknesses were eliminated. The new standard also supports organizations in continuously improving their energy performance in terms of energy efficiency, energy consumption, and energy use by implementing an energy management system (EnMS).

### Preparation for the transition to ISO 50001:2018

Start to prepare in time for the transition process to ISO 50001:2018.

- Find out more about the requirements of ISO 50001:2018. If you are already certified according to ISO 50001:2011, the changes are of particular interest to you.
- Identify gaps in your management system and the areas where change is needed.
- Make sure that the relevant persons in your company are informed about the new requirements and are able to understand them.

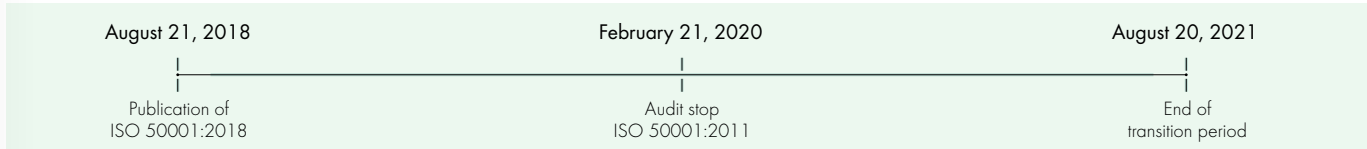
**Would you like to find out more about certification according to the new ISO 50001:2018 for efficient energy management? We support you in converting to the new standard. Contact us today!**

### Transition period to ISO 50001:2018

With the publication of ISO 50001:2018 in August 2018, the International Accreditation Forum (IAF) has set a transitional period of three years. Until then, both the old and the new standard are valid. Companies that are already ISO 50001:2011 certified are now required to change their certificate during this period. At the end of the transition period on August 20, 2021, all ISO 50001:2011 certificates will lose their validity. It is therefore advisable to plan and implement the

transition to ISO 50001:2018 at an early stage.

From February 21, 2020, 18 months after the publication of the new standard, audits (initial, surveillance and recertification audits) may no longer be carried out according to the old standard. This may mean that the transition period for some companies will be shorter than three years. For companies that do not yet have a certification for an energy management system, it is advisable to opt for the new standard immediately.



### Request your individual offer for the certification of your EnMS according to ISO 50001 now!

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