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| **Title** | Energy Standards and Benefits of EnMS Implementation |
| **Duration (in weeks)** | 3 |
| **Starting / ending week** | 16 / 18 |
| **Key Concepts and Issues** | Energy standards, EnMS implementation benefits |
| **Intended Purpose** | * Provide knowledge about the various energy standards available. * Introduce the ISO 50001 standard and its requirements. * Highlight the purpose and benefits of EnMS implementation. |
| **Learning Outcomes** | The learners will :   * Gain knowledge about the various energy standards available * Be acquainted with the ISO 50001 standard and its requirements * Gain knowledge about the purpose and benefits of EnMS implementation. |
| **Basic Learning Material** | **Presentation slides:**  [Energy Standards and EnMS Benefits](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.023%5D+O5_EnMS_CourseIV_Module2_Topic2.pptx) provided in online format  **Document:**   * [Win the energy challenge with ISO 50001, ISBN 978-92-67-10552-9 International Organization for Standardization, Switzerland](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.024%5D+iso_50001_energy.pdf) * [DIN EN 16001: Energy Management Systems in Practice. A Guide for Companies and Organisations’ (2010):](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.025%5D+4013.pdf) |
| **Additional Learning Material** | **Document:**   * [Dynamic Adjustment of Eco‐labeling Schemes and Consumer Choice – the Revision of the EU Energy Label as a Missed Opportunity? ARTICLE in BUSINESS STRATEGY AND THE ENVIRONMENT · JANUARY 2012 Impact Factor: 2.88 · DOI: 10.1002/bse.722](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.026%5D+A26_Heinzle_Wuestenhagen_BSE_2012.pdf) * [Energy Management Systems: from EN 16001 to ISO 50001 Stefano Duglio Department of Commodity Science - Faculty of Business and Economics, Turin, Italy](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.027%5D+from_EN16001_to_ISO50001.pdf)   **Presentation:**   * [EU Energy and Climate Change Strategy Maria da Graça Carvalho ECOS 2011](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.028%5D+Novisad_Presentation_-_4_Julho_2011.pdf) |
| **Educational video** |  |
| **Reading materials** |  |
| **Activities** | Assignment in which learners are asked to write a report discussing the various standards and directives presented in this module with regards to applicability, pros and cons, complementarities and differences. |
| **Checklist** | At the end of this learning module, the learners will:   * Have an overview of the various standards described * Understand the benefits of implementing an EnMS |
| **Evaluation** | Evaluation is done through grading of the assignment. |