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Basic Concepts on Ecodesign

Unit 11 Environmental Product Declaration. Communication

Quiz and Assessment

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11.1 Quiz

- PLEASE, CHOOSE THE CORRECT ANSWER:

1. The main difference of an Environmental Product Declaration (EPD) with regard to other ecolabels is that:
 - a. Environmental or minimum criteria of compliance are not defined. It only shows the results of a LCA to give information on the environmental performance of a product.
 - b. Environmental or minimum criteria of compliance are defined and the results of a LCA are shown to give information on the environmental performance of a product.
 - c. None of the above.
2. What are Product Category Rules?
 - a. Documents which gather minimum necessary data to include in the LCA study, and the content of the EPD.
 - b. Documents which gather minimum necessary data to include in the LCA study, and the impact methodology to be used.
 - c. Documents which gather minimum necessary data to include in the LCA study, the impact methodology to be used and the content of the EPD.
3. "Product Category Rules" do not allow comparison between products of a single group of products.
 - a. True.
 - b. False.
4. An EPD must be carried out under the following standards:
 - a. ISO 14021 and the required LCA according to standards ISO 14040 and ISO 14044.



- b. ISO 14024 and the required LCA according to standards ISO 14040 and ISO 14044.
 - c. ISO 14025 and the required LCA according to standards ISO 14040 and ISO 14044.
 - d. ISO 14025 and the required LCA according to standards ISO 14040 and ISO 14044 and additionally the established requirements of a PCR, if existing, for such product.
 - e. None of the above.
5. In the section "data for calculation of LCA" of an EPD, the following must be stated (there may be more than one correct answer):
- a. PCR.
 - b. Simple flow chart of the processes included in the LCA.
 - c. Reference shelf life.
6. In the section "LCA results" of an EPD, the following must be stated:
- a. The functional unit of reference for the LCA.
 - b. The used programme to calculate the results, and the results itself.
 - c. The description of the LCA stages and the results per stage.
7. The documental review of an EPD Verification by an independent third party consists in:
- a. Checking that the information required in the standard, and the PCR if applicable, are included in the EPD.
 - b. Checking that the information required in the standard, and the PCR if applicable, are included in the EPD and the analysis of the data included.
 - c. None of the above.



8. After the documental review of the EPD Verification by an independent third party, the audit team in situ carries out the verification audit to confirm that the provided data of productive flows are in conformity.
- They check veracity, reliability, quality and traceability of the provided data.
 - If deviations are provided (non-conformities), they instruct the organisation to solve them. In doing so, they may issue a report of final verification to register and issue the certificate.
 - All of the above.
 - None of the above.
9. Each verification programme of an EPD consists of its own PCRs to (there may be more than one correct answer):
- Exchange information between organisations and their customers.
 - Exchange information between organisations and their final consumer.
 - All of the above, but b is unlikely, since technical knowledge is required to interpret the results.
 - None of the above.
10. The development of a PCR is carried out by the verification programme of an EPD regarding:
- The interested parties; this is an open, transparent and participatory process.
 - The standardisation of the content of the PCRs to make them suitable for the different EPD verification programmes that may exist.
 - All of the above.
 - None of the above.



11.2 Assignment

- Carry out a research for a standard and a PCR for the product you chose in the Unit 1 task, and briefly summarise the EPD content required by that standard or PCR.
- If there were no PCR for the product, carry out a research for a product that may be of your interest.

