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Ecodesign of electronic devices

UNIT 4: Design concept for electronic devices

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1.1 Quiz

- PLEASE, CHOOSE THE CORRECT ANSWER:
 1. Do the basic electronic device design processes significantly change when we also consider environmental approaches? (NO)
 2. In the development of a new electronic product, three interest groups can be involved: client, developer, and consumer? (NO)
 3. Is ecological device of lesser quality due to use of ecological materials? (NO)
 4. Is requirements specification the final phase of electronic product design? (NO)
 5. Do ecological devices have higher chances for success on the market? (YES)
 6. Requirements specification includes suggested materials that will be used when producing a new product? (YES)
 7. Requirements specification includes ecological guidelines? (YES)
 8. Is input-output analysis needed when designing ecological electronic product? (YES)
 9. Do ecological guidelines impact device specification? (YES)
 10. Is verification of ecological device only done by the developer? (NO)



1.2 Assignment

Briefly describe design concept of a new electronic product. Consider ecodesign guidelines on what needs to be included in the product. Choose any electronic product (audio player, household appliances, innovative smart devices, IoT products, etc.). Imagine you are developing a product for an external client who has not analyzed the market and its chances of success.

