



Making Learning Fun and Ecological

Module: Resource Efficient and Cleaner Production

Lesson: Methodology of the concept of more efficiency regarding resources and cleaner production

Activity:

Preparation a case study for company/social enterprise that follow the RECP concept

Lead In:

Classroom/ Space for training
Online platform

Duration: 80 minutes or more

Aim:

- Getting to know the methodology for the concept of more efficiency regarding resources and cleaner production;
- Getting to know the basic elements of the

concept of cleaner production;

- Getting to know the phases of implementation of the concept for more efficiency regarding resources and cleaner production;

- Encouraging the research potential in youths, their evaluation for development of the concept of efficiency regarding resources and cleaner production in a certain company, through studies for the same.

Type of activity:

Powerpoint presentation

Video presenting

Research

Preparation a case study for company/ social enterprises that follow the RECP concept.

Group number: The activity can be for a team or individual work.

Recommendation age: 17 -29

Instructions:

The concept of cleaner production is based on the Deming cycle, i.e., Plan- Do- Check- Act (PDCA).

Basically, every production (industrial) entity that will decide to use the RECP, should provide and make production realized: On as much cleaner principle as possible with least resources possible.

In this activity through a presentation to give a review on the methodology for using the concept of RECP, then the participants will research a company that already uses this.

What is a case study? Case study is a research methodology, typically seen in social and life sciences. It is a qualitative research approach where multiple methods of data collection are used for a detailed examination of a single 'case'.

For the participants, it will be given: a document with directions for filling out a case

study, examples of companies that used the RECP, and template for filling out the data.

The goal is through this research to confirm and increase their knowledge.

For the educator:

Introductory part:

1. Start by entering the theme of sharing with a presentation. Additionally you can inform more about the resources given as examples at the end of this activity.
2. Then, for capturing the theoretical knowledge, the educator shares a video.

Description of the activity:

1. Share the participants in groups and give them the task to research a company/social enterprise that uses the RECP principle or give them the annex examples.
2. Explain the definitions that should be filled out in the study just in case. That document can be given to each group or projected.
3. The participants fill in the template for the case study. At the end of the activity, they can share their conclusions.

For the user/ interested participants:

1. Read the presentation and additionally inform yourself of the useful links below.
2. Read the document that refers to the directions for filling out of the case study.
3. Explore the company/SE that implements a good practice in this area, or use the examples given as an annex of initial ideas.

Key words for the educator:

Case study
Resource Efficient and Cleaner Production
Good practices in cleaner production

Materials, equipment:

Computer
Projector
Pens, pencils

References:

Dr. Anita Grozdanov (2019) Manual for implementing of a training – Sustainability Advisor
<https://ecologic.mk/the-manual-for-development-%d0%b0-train-ing-advisor-of-sustainable-development/>

Other useful sources:

<https://www.diva-portal.org/smash/get/diva2:604269/FULLTEXT01.pdf>
<https://ebn.bmj.com/content/21/1/7>
<https://www.sciencedirect.com/topics/earth-and-planetary-sciences/cleaner-production>
<https://www.scribbr.com/methodology/case-study/>

Annexes:

1. PowerPoint Presentation

2. Video

<https://www.youtube.com/watch?v=9u1t285wnJg>

3. Document with examples of companies that implement practices of RECP

4. Document with giving directions for making of a case study

5. Template for making of a case study

