



Train2Sustain – developing capacity to teach sustainability in VET

Learning Activity nr. 08

Ecological footprint

Projektnummer: 2020-1-FI01-KA202-066632

ACTIVITY NAME	A08 Ecological footprint
OBJECTIVES	<ul style="list-style-type: none"> ▪ Understand the meaning of the concept of the ecological footprint. ▪ Understand how her/his actions cause ecological consumption and burden for the environment.
DESCRIPTION	<ol style="list-style-type: none"> 1. Explain the activity to the students (briefing) <ul style="list-style-type: none"> ▪ Calculate your individual ecological footprint. ▪ How many earths do we need if everyone lived like you? ▪ Compare your result to the average ecological footprint in your country. Link in the material for teacher. ▪ Develop individual plan to improve. Think how you can reduce your energy consumption in the following categories: <ul style="list-style-type: none"> ○ Travelling ○ Food ○ Housing ○ Goods (clothes) and other services 2. Run the activity <ul style="list-style-type: none"> ▪ First the teacher explains what means the term ecological footprint. ▪ The students use an ecological footprint calculator. ▪ Then they will analyze what that number means and compare it with the average number in different countries and in their own country. ▪ The students do a plan to how to make the ecological footprint smaller. 3. Evaluation (debriefing) <ul style="list-style-type: none"> ▪ If necessary, teacher can collect the results from students.
TIME TO PLAY	Total time: 60-80 min. ----- Preparation time: 0-5 min Briefing time: 5 min Activity time: 45-60 min Evaluation time: 10 min
INDIVIDUAL or GROUP	Project is done individually. Teacher's role: <ul style="list-style-type: none"> ▪ Supervise ▪ Brief the students on the task. Students' role: <ul style="list-style-type: none"> ▪ Do the task.

MATERIAL FOR TEACHER	<ul style="list-style-type: none"> ▪ Activity explanation ▪ Page where teachers can find the ecological footprints from all countries https://data.footprintnetwork.org/#/
MATERIAL FOR STUDENT	<ul style="list-style-type: none"> ▪ Links for the ecological footprint calculators: <ul style="list-style-type: none"> ○ footprintcalculator.org (English, Portuguese, German) ○ https://jalajalg.positium.ee/?lang=FI (Finnish) ○ https://www.klimatkontot.se/ (Swedish)
LAY OUT	Computer or other smart devices.