



Learning Pathway 1

Ecological Sustainability – Trainer note

UNIT 1.3: Ecological Sustainability in Practice – Life on Land

BEFORE Mobility

Activity Title: Analyse your company's water footprint

Duration of activity	40 minutes
Type of activity	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion <input type="checkbox"/> Group activity <input checked="" type="checkbox"/> Individual activity <input type="checkbox"/> Assessment <input type="checkbox"/> other:
Resources	<input type="checkbox"/> PowerPoint Presentation: x PDF/handout: S4GA_LP1_U3_A3_water_footprint_en <input type="checkbox"/> online resource: <input type="checkbox"/> Flipchart: <input type="checkbox"/> other:
Description of activity (step-by-step)	<ol style="list-style-type: none">1. There are many calculators that help learners to look at their individual water footprint or that of their household.2. However, there are so far no all-encompassing tools that help them estimate the water footprint of their SME. To help them understand how water is used in their business and how much they may waste, guide them to complete the activity. The Water Footprint Assessment is used to assess whether their water use is environmentally sustainable, resource efficient and equitably allocated.3. To do this you guide them through a Water Footprint Assessment, the quantification and mapping of the company's green, blue, and grey water footprints, the assessment of sustainability, efficiency, and equity of the company's water use and finally the identification of strategic actions to make the company's water footprint more sustainable. This is done with the support of established frameworks and standards you should familiarize yourself with. Finally, the learners shall identify hotspots and opportunities.4. While this is an individual activity, allow discussions or brainstorming between the learners. Further support might be needed in differentiating between green, blue and grey water.

Sources / Further reading	<p>EcoRise (2024). Water Footprint Calculator. https://www.watercalculator.org/wfc2/</p> <p>EcoRise (2024). <i>Water Footprints 101</i>. Water Footprint Calculator. Retrieved from: https://watercalculator.org/water-footprints-101/</p> <p>KnowESG (2022). <i>SDGs for SMEs - The Importance of UN Goals for your Business</i>. Retrieved from: https://www.knowesg.com/featured-article/sdgs-for-smes-the-importance-of-un-goals-for-your-business</p> <p>Technische Universität Berlin. Fachgebiet Sustainable Engineering (n.d.). <i>Water Footprint Toolbox</i>. https://wf-tools.see.tu-berlin.de/wf-tools/waterfootprint-toolbox/</p> <p>UN Global Compact. CEO Water Mandate. (n.d.). Global Water Footprint Standard (2011). https://ceowatermandate.org/resources/global-water-footprint-standard-2011/</p> <p>United Nations. Department of Social and Economic Affairs (n.d.). Transforming our world: the 2030 Agenda for Sustainable Development. https://sdgs.un.org/2030agenda</p>
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