

## Luxembourg - Training programme: “Waste & Resource Management”

<b>Title of inspiring practice</b>	<p>Training programme: "Waste &amp; Resource Management" ("<i>Abfall- und Ressourcenmanagement</i>")</p> <p>Training programme: "Circular economy for municipalities" ("<i>Kreislaufwirtschaft für Kommunen</i>")</p>
<b>Geographical area</b>	The programmes are implemented at municipal and national level in Luxembourg.
<b>Period of implementation</b>	<p>The Course “Waste and resource management” is implemented since 2015.</p> <p>The course “Circular economy for municipalities” has been implemented since March 23, 2021.</p> <p>The training programmes are offered on a regular basis.</p>
<b>Rationale</b>	<p>The National Centre for Continuing Professional Training (CNFPC) organises two training courses in the fields of waste and resource management.</p> <p>The first course is the “Waste and Resource Management” ("<i>Abfall- und Ressourcenmanagement</i>") programme, which is a three-day training taking place in cooperation with the environmental administration and the SuperDrecksKëscht. This course aims at providing participants with the necessary skills for company waste and resource management, taking into account the principles of the circular economy. The various players in Luxembourg's resource management (environmental administration, Valorlux, Ecotrel, Ecobatterien, SuperDrecksKëscht) intervene during the training.</p> <p>The training programme is a good example on how to easily, and in a short timeframe, equip individuals with the necessary skillset to reduce waste in their companies and better manage its resources.</p> <p>The second training offer is a course on "Circular Economy for Municipalities" ("<i>Kreislaufwirtschaft für Kommunen</i>"). This course concentrates on the transition from a linear economy to a circular economy, which requires adjustments at several levels. Participants learn about the principles of the circular economy and the strategic approaches to be chosen in Luxembourg. They are also called to discover the existing projects from Luxembourg and are explained the implementation tools that could be used to develop their own initiatives.</p> <p>"Circular Economy for Municipalities" is a useful example on how, at a municipal level, adjustments can be made for the transition from a linear towards a circular economy.</p>
<b>Scope of the practice</b>	Continuing Vocational Education and Training
<b>Educational level</b>	Not specified.
<b>Introduction and context</b>	<p>The key stakeholders involved in the initiative are the CNFPC (national agency and VET provider), the Environmental administration, Valorlux, Ecotrel, Ecobatterien, SuperDrecksKëscht (private bodies acting as trainers) HUB Wiltz (municipal level public agency acting as training provider).</p> <p>The driver behind these initiatives is the growing need to protect the environment and steer against the climate change, which is closely linked with a better waste and resource management, to foster a more circular economy.</p> <p>The opportunities that arise from these programmes are, above all, a more conscientious use of resources and more thoughtful behaviour in both waste production and disposal, in order to better preserve the environment and climate.</p>

	<p>The training "Waste and Resource Management" targets environmental delegates and/or waste managers, and all people who want to advocate for this. This course aims at providing participants with the necessary skills for company waste and resource management, taking into account the principles of the circular economy.</p> <p>The course on "Circular economy for municipalities" aims at involving both municipal staff and those responsible for politics in the municipality (municipal council, environmental commission...). This course trains participants on the principles of the circular economy and gives them the tools to discover the existing projects in Luxembourg and develop their own initiative from the strategic approaches adopted in the area.</p> <p>Programmes are mostly publicly funded. In line with regulation, participants contribute to the cost-sharing with a fee; for the "Waste and Resource Management" training and for the "Circular economy for municipalities" course.</p>
<p><b>Key activities and outcomes</b></p>	<p>The course on "Waste and Resource Management" introduces the principles of the circular economy in relation to waste management and presents an overview on the legislation concerning waste management. Furthermore, it trains students to the practice of waste and resource company management with a view on sustainable development.</p> <p>This training enables participants to acquire basic knowledge of the principles of the circular economy and waste management; understand the connection between the concepts of waste and resources; understand the importance of separate collection of different fractions of waste, highlighting the value and quality of flows and stocks of objects and materials in everyday life; identify opportunities to avoid waste in the company; combine theory with practice; mobilise and raise awareness on better waste company management through a responsible and sustainable use of resources and waste, with the goal of eliminating the very concept of waste in the future.</p> <p>The training "Waste and resource management" was successful in terms of a high and stable number (133 participants in 2022) of participants from municipalities. The training in "circular Economy", been followed by 36 participants in 2022. The training is part of the National Training Centre's efforts to enlarge the offer in the area of training for green jobs and transversal offer in skills for the green transition.</p> <p>Since the transition from a linear economy to a circular economy requires adjustments at multiple levels, the training on "Circular economy for municipalities" engages actors involved at the different implementation stages of the circular economy to train students on the topic.</p> <p>While the "Environment Consultancy Luxembourg" (EBL) introduces students to the basics and theories of the circular economy, a representative of the National Coordination Body for the Circular Economy is in charge of explaining Luxembourg's approaches to the implementation of the circular economy. Among the activities implemented as part of the training programmes, three can be presented as examples of best practice.</p> <p>The first practice is the "Hotspot Wiltz", an overarching development strategy towards the circular economy. In this context, the municipality of Wiltz gives an insight into their approach to this topic, provides examples and explains what goals they have set for the coming years.</p> <p>The second practice is named the "Wunne mat der Wooltz" and is a flagship project of the circular economy in Wiltz. As part of the project, the Fonds du Logement explains the objectives, the innovative aspects and the development phases of the large-scale project.</p> <p>The last practice is the "SuperDrecksKëscht" and focuses on sustainable materials management and resource efficiency, considered as the building blocks of the circular economy. The SuperDrecksKëscht explains the projects "Clever lessen", Green Events and Residenzenprojekt as contributions to the municipal circular economy.</p>

<b>Other information</b>	The "Centre National de Formation professionnelle Continue" (National Centre for Continuing Vocational Training or CNFPC) is a public organisation which depends on the Department of Vocational Education and Training in Luxembourg.
<b>Contacts and sources</b>	CNFPC Ettelbruck <a href="https://www.cnfpc.lu/cours/abfall-und-ressourcenmanagement-2/">https://www.cnfpc.lu/cours/abfall-und-ressourcenmanagement-2/</a> <a href="https://environnement.public.lu/fr/emweltprozeduren/Formations/personnelrecyclage.html">https://environnement.public.lu/fr/emweltprozeduren/Formations/personnelrecyclage.html</a> <a href="https://www.cnfpc.lu/cours/kreislaufwirtschaft-fur-kommunen-21-10-2022/">https://www.cnfpc.lu/cours/kreislaufwirtschaft-fur-kommunen-21-10-2022/</a>
<b>Date of update</b>	26 August 2022