

Unit Tour 8C

Circular Economy in the Transport Sector

Urban Freight strategies and Integrated freight strategies

1 Introduction

Unit 8C provides resources for vocational trainers seeking to incorporate the circular economy into their courses in the logistics sector. The reverse supply chain, urban supply chain, and urban logistics terminals are examined. The importance of the supply chain in the circular economy is examined, as are the logistics processes taking into account the interests of business, urban population, retail and e - commerce. In reverse supply chain operation mechanism and basic principles from the production of goods to the utilization of goods on a circular basis.

2 Learning Outcomes

Knowledge	To understand urban freight strategy and integrated freight strategy programs that reduce environmental impact and promote the benefits of the circular economy.
Skills	To identify the potential of the circular economy in urban freight transport strategies and integrated freight transport strategies.
Competencies	To be able to apply the principles of the circular economy in the development of urban freight strategies and integrated freight strategy programs.
EQF Level	This content is mainly suitable for EQF level 4.

3 Lesson Plan

The following table can be used as a template for structuring a training programme at level 4

Method	Description	Suggested duration in minutes (total minutes)
Brainstorming session	Brainstorming where you as trainer write down definitions, notions and connotations to be used for future discussions and reference. You can continue the brainstorming session	



	<p>with the following questions if needed:</p> <ul style="list-style-type: none"> - Think about how logistics methods and solutions can be adapted in your city to reduce the number of heavy goods vehicles on the streets? - What do you think is the most difficult thing about managing a reverse supply chain? - What do you think could be used to collect used secondary raw materials that would be used to produce new items? 	
Presentation by trainer using PPT	Overview	70
	Introduction	
	Unit Learning Objectives	
	Discussion – 1	
	Case Study - Guppy	
	Analysis of concepts	
	Summary	
	You Have Learned	
Assessment	Quiz	30

4 Quiz

1. **The most important process for urban logistics is?**
Answer: A) Consolidation

2. **What logistics company aims to achieve zero gas emissions by 2050?**
Answer: B) DHL

3. **Which method of urban logistics service is the most expensive?**
Answer: A) Urban city centers