

# Unit Tour 8B

## Circular Economy in the Transport Sector

### IT approaches Logistics and CE applications - Unit 8B

#### 1 Introduction

Unit 8B provides resources for vocational trainers seeking to incorporate the circular economy into their courses in the logistics sector. The unit explores the importance of the supply chain in the circular economy, examines as supply chains help businesses to compete and provide quality logistics services. Intermodal and multimodal freight transport and their handling systems in land ports are analyzed in accordance with 4.0. industrial revolution.

#### 2 Learning Outcomes

<b>Knowledge</b>	To understand the IT principles and applications used in logistics that reduce environmental impact and promote the benefits of the circular economy.
<b>Skills</b>	To identify the potential of the circular economy in supply chain supply.
<b>Competencies</b>	To be able to apply the principles of circular economy in providing supply chain management services.
<b>EQF Level</b>	This content is mainly suitable for EQF level 4.

#### 3 Lesson Plan

Method	Description	Suggested duration in minutes (total minutes)
<b>Brainstorming session</b>	Brainstorming where you as trainer write down definitions, notions and connotations ought to be used for future discussions and references. You can continue the brainstorming session with the following questions if needed: <ul style="list-style-type: none"> <li>- What do you think is the most difficult part of managing the supply chain?</li> </ul>	



	- Try to design or discuss with colleagues what kind of land port should be in your city.	
<b>Presentation by trainer using PPT</b>	Overview	85
	Introduction	
	Unit Learning Objectives	
	Glossary of Terms	
	Discussion – 1	
	Case Study - Guppy	
	Discussion – 2	
	Analysis of concepts	
	Summary	
	You Have Learned	
<b>Assessment</b>	Quiz	45

## 4 Quiz

**1. How can the efficiency of supply chains be promoted?**

Answer: Shorten the number of participants in supply chains

**2. Why do companies recycle secondary raw materials using supply chains?**

Answer: Saves revenue by recycling part of the waste that is converted into raw materials.

**3. What was one of the first companies to start a circular supply chain?**

Answer: RENAULT