

	NT	Craft Skills for Garden Conservat				
Title of the Ur	11	 finding, developing and sharing best practice in ga U5 – Trees in Climate Change in Hi 		Version no. 2 – 21.10.2024		
Description:	plants and the people, e.g. by giving shade or enhancing the air quality. While trees needed limited care for many decades, many of them are for some years now a cause for concern or ha					
already become patients in garden maintenance. Climate change with high temperatures, very l water levels or increasing storm events etc. has rapidly increased diseases and deaths of many and the monument characteristic ones.						
This unit offers information and learning options related to: • Importance of trees for the cultural heritage of our parks and gardens in different epochs • Historical cultivation, planting and care techniques in the design with trees • Challenges in dealing with trees in climate change						
Modern practices and hands-on guidance will be given related to: • Mapping: How to use modern system of digital recording of the tree population in the park for understandin historical intentions and development of the tree population • Tree inspection: How to examine the population of individual veteran trees and damaged trees • Reinforcement and revitalization: When and how to vitalize the sensitive tree population • Practical tree maintenance: Using visual analysis of the trees to help understand its condition for finding m						
		 strategies Plantings under trees: Improving site conditions by planting 	gvegetation under veteran trees			
EQF Level:		6.1				
	Learning Outcomes					
CSGC U-1	Code	Comj Knowledge	betence Skills			



1.1 Trees as elements in historic garden design	U5 1.1		historic structures. Skills: The participant • can identify and map trees in historic gardens and place them in a cultural, aesthetic and ecological context.
1.2 History of tree cultivation, current production and use	U5 1.2	select, grow or source suitable trees for replanting. Knowledge:	ng different trees in historic parks and gardens, and can Skills: The participant • can source and select appropriate tree species for historic gardens, balancing ecological needs and heritage preservation.
1.3 The various forms of climate change and their impact on trees		and is able to identify, assess, monitor and map r	oric parks and gardens and their trees in a variety of ways risks and ongoing developments Skills: • The participant can carry out an appropriate risk assessment and



			develop a suitable strategy for risk minimisation and preventive measures	
1.4 Climate adaptation and mitigation measures with trees	U5 1.4	Competence: The participant • Can make informed decisions, alone and as a part of a group, based on research, ethical considerations, and professional standards.		
		 Knowledge: The participant understands adaptation- and mitigation strategies for managing trees in changing climatic conditions, and their limitations in historic landscapes. 	 Skills: The participant can evaluate and implement suitable strategies for climate adaptation and mitigation in tree management can utilize modern tools and technologies for tree documentation, diagnosis, and care. 	
1.5 Practical tree care measures	U5 1.5	 Competence: can work independently and collaboratively to assess, maintain, and restore tree populations in historic gardens. can communicate tree management strategies to stakeholders, including professionals, policymakers, and the public. is aware of innovation and sustainability practices in tree conservation and climate adaptation. 		
		 Knowledge: is familiar with research and best practices in tree conservation and management of trees in historic 	 Skills: can apply appropriate maintenance and conservation methods, such as revitalization, reinforcement, and underplanting. 	



landscapes, like tree inspection, understorey planting and cutting techniques.	 can assess the health and risks of trees in historic gardens using mapping, inspection, and analysis techniques.
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