

WP2: Qualification matrix

EQF6-L | Landscaping

Descriptors on level 6:

K: Advanced knowledge of a field of work or study, involving a critical understanding of theories and principles

S: Advanced skills, demonstrating mastery and innovation, required to solve complex and unpredictable problems in a specialised field of work or study

R/A: Manage complex technical or professional activities or projects, taking responsibility for decision-making in unpredictable work or study contexts; take responsibility for managing professional development of individuals and groups

Unit	Unit title	
0	Key competences and basic skills	R
0.A	Adaptability <i>is about intrapreneurship, innovation, communication, analysing, critical thinking, cooperation etc.</i> - can investigate, learn, explore and innovate - thinks and analyses critically and solves issues - knows the value of other ideas, concerns and motives	EQF6-G EQF6-F
0.C	Creativity <i>is about problem solving, idea development, innovation etc.</i> - has an open and curious mind and uses it to develop new ideas - puts new ideas into action to solve issues/problems or develop new services/products	EQF6-G EQF6-F
0.S	Sustainability <i>is about waste, water, energy</i> - knows the basics of ecological processes in natural systems - plans and carries out work tasks in an environmentally sustainable way - adjusts working processes within a set of guidelines, in order to maintain sustainability in a changing environment - assesses the environmental impact of a work process	EQF6-G EQF6-F

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0.T	Technology <i>is about basic digital tools (ITC, mobile phone, photo)</i> <ul style="list-style-type: none"> - carries out work tasks using digital tools - knows relevant equipment and machinery - knows basic legislation concerning reproduction of digital resources for private and commercial purpose - understands the risks of web-based communication i.e., virus, malware - evaluates web pages for relevance and reliability of content - participates in evaluating the use of technology in a work task 				EQF6-G EQF6-F
1	Sector core competence	Knowledge	Skills	Responsibility and autonomy	R
1.1	Production (sector related) <i>is about workplace, tools, working procedures, botany (plant classification, botanical names, growing conditions)</i>	<ul style="list-style-type: none"> - has extensive knowledge about plant nutrition, soil science and plant protection - knows how to protect species - knows how to manufacture a wide range of different products, with a critical understanding of the theories and principles for the sector - has advanced knowledge of technologies and processes 	<ul style="list-style-type: none"> - has extensive skills on the availability, deliverability and care of plants and plant parts according to their requirements - names and justifies care instructions - plans, explains and guides all production steps 	<ul style="list-style-type: none"> - independently draws conclusions in the work preparation and organization of materials, tools and equipment, as well as aspects of implementation 	
1.2	Product development (sector related) <i>is about supply, partners/network, marketing,</i>	<ul style="list-style-type: none"> - has extensive knowledge of sales and supply chains 	<ul style="list-style-type: none"> - develops the range and sales and undertakes long-term range planning 	<ul style="list-style-type: none"> - organizes, controls and changes all processes in the business process 	

	<i>develop products (mapping needs, plan, work in a creative process, creative tools...)</i>	<ul style="list-style-type: none"> - knows the importance of assortment planning and risk assessment - knows how to map trends - has extensive knowledge of raw materials science 	<ul style="list-style-type: none"> - develops according to trends and innovations - makes changes in the short and long term - explains and justifies decisions 	<ul style="list-style-type: none"> - works in adapted short and long-term cycles 	
1.3	Communication and company (sector related) <i>is about entrepreneurship, marketing, law and regulations, communicate with customers verbal and visual, sales and services</i>	<ul style="list-style-type: none"> - knows the economic system and relevant government agencies - knows all relevant legal requirements - knows of relevant insurance companies - has extensive knowledge of sales, dealing with customers, colleagues and superiors - knows employee planning 	<ul style="list-style-type: none"> - assesses all liabilities and intersections of business with the economic system - plans employees according to work process and qualification 	<ul style="list-style-type: none"> - works within the legal limits of the business cycle and applies the laws of the market in society 	
1.4	Safety and health (sector related) <i>is about health precautions, safe working methods, cleanliness/hygiene, equipment, pesticides, botany, working environment</i>	<ul style="list-style-type: none"> - knows laws and regulations in the employment of personnel and the training of young people 	<ul style="list-style-type: none"> - draws up plans in accordance with legal requirements for maintaining the health of employees in line with their own business 	<ul style="list-style-type: none"> - evaluates, respects and integrates the needs and requirements of the individual in the workflow 	

		<ul style="list-style-type: none"> - has extensive knowledge about healthy and safe working environments 	<ul style="list-style-type: none"> - organizes the work for the company and employees, considering ergonomic conditions, efficiency and safety - organizes the work for the company and employees, considering ergonomic conditions, efficiency and safety 	<ul style="list-style-type: none"> - develops and evaluates health and safety systems on an organisational level 	
1.S	<p>Sustainability (sector related) is about sustainable use of resources, ecological footprint, fair trade, protection of the environment and species, UNs Sustainable Development Goals Knowledge of your green supply chain Cradle to cradle, circular-economic</p>	<ul style="list-style-type: none"> - knows the principles of circular economy and how it affects the sector - has extensive knowledge of sustainable work, sustainable products and manufacturing processes 	<ul style="list-style-type: none"> - works within the framework of sustainability and ecology - develops innovative and sustainable solutions related to the industry 	<ul style="list-style-type: none"> - integrates the principles of sustainability and environmentally conscious behaviour into the company - gains new knowledge within this field and act accordingly 	
1.T	<p>Technology (sector related) is about digital tools (for payment, communication, in the production) - technological tools (VR..)</p>	<ul style="list-style-type: none"> - has extensive knowledge about digital tools - knows digital media and forms of presentation 	<ul style="list-style-type: none"> - works with digital display functions - develops advertising concepts and advertising materials 	<ul style="list-style-type: none"> - selects and uses the appropriate technical solution for the respective task - tests new approaches related to new technologies - uses and chooses relevant digital tools in an autonomous 	

		<ul style="list-style-type: none"> - knows the possibilities of VR / AR - knows data processing -has extensive knowledge in digital control systems of production - has extensive knowledge of online marketing and networking with industry-related companies 	<ul style="list-style-type: none"> - plans, evaluates and coordinates advertising activities - uses ICT in a critical way as an instrument in budgeting, communication with customers, for strategic planning and for information and inspiration purposes 	and ethical way in all parts of the business	
2	Occupational core competence	Knowledge	Skills	Responsibility and autonomy	R
2.1	Landscaping production <i>is about design theory (principles of composition) materials, remedies, tools, colour theory, styles, techniques, disciplines in landscaping</i>	Has extensive knowledge in the planning and implementation of construction and maintenance projects	Carries out comprehensive projects and procures materials, machines and personnel	- plans and prepares projects, instructs, controls and is responsible for the quality of the results	
2.2	Landscaping product development <i>is about analysing trends, develop (design)products and concepts, work in a creative process (?), visualize/draw, use creative tools, tools and techniques in horticulture, presentation, make model/prototype, calculate</i>	Has extensive knowledge in the visualization of concepts and design plans <ul style="list-style-type: none"> - knows building information modelling (BIM), GPS-controlled technologies 	Independently develops concepts tailored to regional peculiarities and visualizes them with suitable presentation aids Responds to trends and innovations	Implements innovative projects on their own in the interests of sustainability, prepares planning of construction costs and can react adequately to new circumstances <ul style="list-style-type: none"> - uses modern industry-typical technologies such as building 	

				information modelling in a meaningful way, to combine them with VR or AR	
2.3	Communication and company <i>is about laws and regulations, guidelines, entrepreneurship</i> - sales - economics and management - marketing (web, social medias...)	- knows of corporate governance, legal regulations and guidelines of public and private law relevant for landscaping Has extensive knowledge of the company's economics in the company's visibility and strategies of digital image maintenance	communicates with employees, customers, suppliers and companies in the industry, government agencies on national and international level	- applies and controls applicable legislation to local circumstances - manages and guides the work of others and are responsible for the result	
2.S	Sustainability is about waste prevention, reduce wastage, sustainable methods (re-use, recycle) and techniques, environmentally friendly materials and techniques, managing stock, using local products, taking care of materials	Has extensive knowledge of environmental protection and resource-saving use of operating materials and work equipment	- selects materials and techniques by use and purpose -controls processes efficiently from an economic point of view	-selects, from a variety of points of view, independently, types of implementation materials and can represent them in a sustainable way	

R = Relation to other matrixes