Landscape Institute consultation | DECEMBER 2020

Landscape Institute entry standards competency framework – Additional landscape competencies

BACKGROUND PAPER

Landscape Institute
Inspiring great places

Chartered Member – Competency Requirements

Additional Landscape Competencies

Members will be required to meet a selection of these competencies based on their knowledge and experience

All applicants

All applicants for chartered membership must achieve **all Core Landscape Competencies** and **five Additional Landscape Competencies** (16 competencies in total) to the following levels:

9 competencies to Level B (this must include Sustainability, Climate and Resilience) and;

7 competencies to Level C

Choices must:
Be no more than 1 from:
- Contract administration (must be taken to level B by anyone wishing to work as a Contract Administrator)
- Contract management

And no more than 2 from:
- Design – garden
- Design – landscape
- Design – public realm

Chartered Landscape Architect Pathway
Subject to the requirements for all applicants those wishing to use the title Chartered Landscape Architect must include in their choices:

A minimum of 1 at Level B **from:**
- Design – garden
- Design – landscape
- Design – public realm

A minimum of 2 (at Level B **or** C **) from:**
- Contract administration or Contract management
- Landscape assessment
- Landscape construction (materials and systems)
- Landscape planning and/or policy
- Master planning
- Planting and horticulture
- Procurement and tendering
- Visualisation and photography
- Water management

Level **A** Expert
Level **B** Accomplished
Level **C** Able
Level **D** Understanding

Arboriculture and woodland
Contract administration
Contract management
Design – garden
Design – landscape (all sectors)
Design – public realm
Digital technologies
Education and knowledge exchange
Funding and finance
Habitats and species
Heritage landscapes/places
Landscape assessment
Landscape construction (materials and systems)
Landscape ecology
Landscape engineering
Landscape planning and/or policy
Landscapes/places and people (including tourism)
Management of landscapes
Master Planning
Natural resources and ecosystems services
Parks management
Place management
Planting and horticulture
Procurement and tendering
Protected landscapes/places
Soil management, conservation and improvement
Visualisation and photography
Water management

Core Landscape competencies

Common across all landscape sectors, these competencies define the unique nature of our profession. All future members will be required to meet them at some level.

Creative problem solving
Healthy places
Inclusive environments
Landscapes as systems
Other Landscape specialisms and industry structure
Physical and social context of sites/ places/landscapes
Planning, legal, policy and regulatory compliance
Quality of landscape
Research and analysis
Stakeholder and/or community engagement
Sustainability, Climate and Resilience

Professional competencies

Members need to achieve all competencies at levels indicated:

Level B
Level C
Level D

These competencies are common across all professional sectors.

Communication, negotiation, influencing and engagement
Data management
Digital practice
Economic systems and context
Equality and diversity
Governance of societies (legal and political)
Health and safety
Management of organisations and services
People management and leadership
Professional judgement, ethics and values
Project management
Team working and collaboration

Technician – Competency Requirements

Additional Landscape Competencies

Members will be required to meet a selection of these competencies based on their knowledge and experience

All applicants

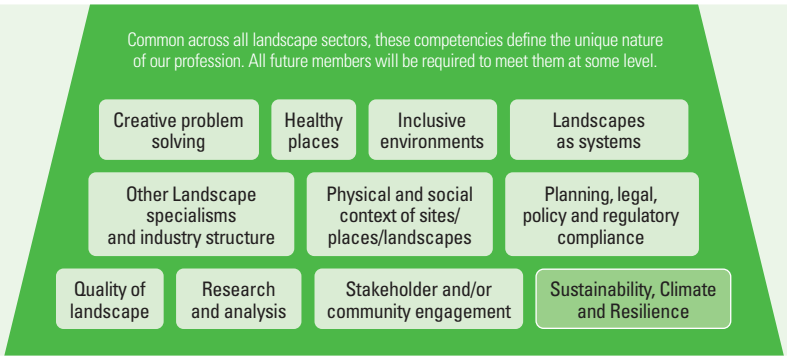
All applicants for Technician Membership must achieve all the Core Landscape Competencies and either one or two Additional Landscape Competencies to the following levels:

8 to Level D
AND EITHER:
5 to Level C (which must include Sustainability, Climate and Resilience)
OR:
1 to Level B and **3 to Level C** (one of the Level C choices must be Sustainability, Climate and Resilience)

Choices must:
Be no more than 1 from:
- Contract administration (must be taken to level B by anyone wishing to work as a Contract Administrator)
- Contract management

And no more than 1 from:
- Design – garden
- Design – landscape
- Design – public realm

Core Landscape competencies



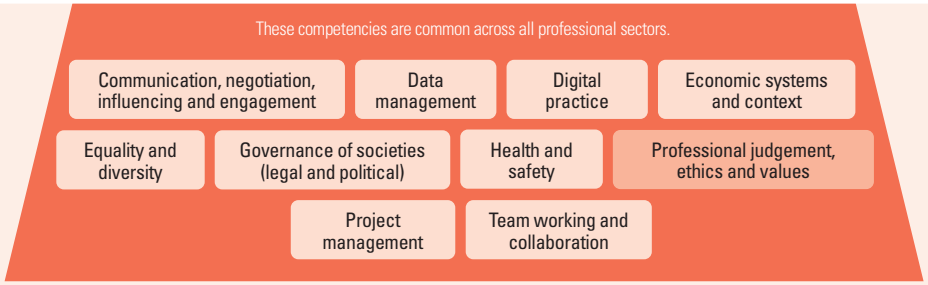
Professional competencies

Members need to achieve all competencies at levels indicated:

Level D

Level C

Plus one from the list to Level C



Additional Landscape Competencies

(in alphabetical order)

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Arboriculture and woodland	Recognises the importance of trees and woodland as part of both urban and rural landscapes including their ecological, economic, socio-cultural and aesthetic roles. Considers the principles of silviculture, including species selection according to site conditions, artificial and natural regeneration of woodlands and interventions. Creates management plans.	Understands the underlying principles, legislation and best practice of tree and woodland management. Recognises the social and environmental benefits of trees and factors which influence their management.	Can work within a team and contribute to the delivery of projects requiring tree and woodland management. Independently make decisions on basic planning and management to consider common influencing factors	Has a proven track record of delivering relevant projects. Can provide leadership and supervision in the delivery of complex schemes working alongside other professionals. Evaluates and offers critical and strategic thinking in situations with unique and uncommon factors.	Is an authority on the integration of landscape level thinking in tree and woodland management. Promotes and educates on the functions, benefits and integration of trees and woodland within the urban and rural landscape. Provides strategic level advice to national bodies.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Demonstrate understanding of: • The significance of legislation regarding the protection of trees and woodland • Key principles of policy and best practice for trees and woodland in the planning process • The varying functions and services that trees and woodland offer within a range of settings and contexts • A range of common tree species and characteristics • The importance of correct species choice and planting specification for trees and woodland within a range of settings • The presence and significance of pests and diseases on trees and woodland • Biosecurity in the management, sourcing and planting of trees • The role and limitations of the landscape professional and the roles of specialist consultants within arboriculture and forestry • Principles of the relationship between tree species, site and climatic conditions (both present and projected future) • The fundamental differences and specific requirements between the planting and management of individual trees and woodlands • The presence and potential application of tree and woodland valuation tools	Can: • Work with assistance as part of a project team including specialists to determine appropriate management of existing trees and woodland • Make decisions on species selection for a range of basic sites and climates • Effectively plan projects involving trees and woodland with regard to relevant legislation and processes • Seek and appoint specialist consultants when appropriate, including sourcing and evaluating proposals • Specify appropriate planting specifications for trees within hard and soft landscapes • Make more complex decisions on correct species and planting to meet varying objectives and within a range of contexts • Contribute to the formation of tree and woodland planting schemes and management plans • Make decisions on species selection and planting with regard to current and future climatic threats, pests and diseases.	Can: • Demonstrate a track record of successful and relevant projects • Lead and supervise a project team engaged in the planning and management of existing trees and woodland • Formulate complex planting schemes which balance a range of objectives and constraints • Oversee and ensure compliance with required legislation, standards and best practice • Communicate and demonstrate an understanding of complex tree and woodland matters to a range of stakeholders • Bring together associated disciplines (ecology, water management etc.) to formulate joined up management plans considering the needs and objectives of other disciplines • Supervise and formulate schemes for woodland creation • Develop and implement tree and woodland strategies	Are called upon to: • Contribute to new research and thinking on management of trees and woodland • Advise on the formulation of standards, policy and/or best practice at a national and/or international level • Provide training and guidance to others on the appropriate management and planting of trees and woodland • Use the position of an expert to promote the benefits of trees and woodland to society and the environment • Provide expert advice on the changing role of tree management in the context of climate change

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Contract administration	Administers projects ensuring the correct contractual procedures and fair, effective administrative practices are followed and that the contract is accurately and completely recorded from inception to completion. Deals with insurances, contract instructions, variations, practical completion and defects.	Demonstrates an understanding of contractual processes and need for fair and impartial administration.	Contributes to the fair and impartial administration of contract processes and can solve arising issues.	Shows the ability to administer contractual processes competently and deals effectively with arising issues	Is a recognised authority on contract administration processes
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Demonstrate understanding of: • Contract processes and the importance of impartial and effective procedures • The role of the contract administrator from conception to completion • The duties of all parties • The different forms of contract and associated documents • The need for insurances and other documents • The requirements of relevant regulations	Can: • Demonstrate a clear understanding of the need for an impartial and effective process and implement this in practice • Contribute to the work of a contract administrator on simple contracts • Identify the appropriate form of contract • Liaise with contractors throughout process to answer queries and resolve issues • Demonstrate ability to deal with instructions, variations, simple valuations and completion certificates • Record and monitor the contract efficiently and clearly • Advise on relevant regulation requirements	Can: • Independently set up and act as contract administrator for more complex contracts • Deal effectively with any contractual issues arising and advise other parties on resolution • Administer and record fair and effective contracts • Make reasoned judgements on contractual issues • Ensure all relevant regulation requirements are fulfilled	Are called upon: • As a recognised expert on contract administration • To provide expert advice on contract administration • To provide training for others • To advise on best practice

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Contract management	Manages contracts from creation through execution to completion. Undertakes performance analysis against the contract terms to maximise operational and financial performance and identifies and mitigates financial and reputational risk through non-compliance with contract terms.	Demonstrates a broad understanding of the importance of contract management and contributes to wider management of contracts eg member of a project team with a defined purpose or outcome	Able to manage small to medium scale contracts as the dedicated contract manager Monitors contracts from the inception to practical completion Manages project budgets effectively and assists in evaluating contract outcomes	Leads on complex and large-scale contracts and evaluates and reports on outcomes	Is an authority on contract management and delivers complex contracts Develops innovative solutions
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Demonstrate understanding of: • The needs of the contract, its purpose and desired outcomes • Risk assessment processes • The role of a contract manager • Types of contracts available for landscape projects • Conflict avoidance and dispute resolution	Can: • Implement and facilitate the necessary communication and reporting lines • Establish the necessary leadership, teams and effective delegation of responsibility • Encourage teamwork, networking, responsiveness, ethical, emphatic and social thinking • Be open-minded towards other business functions and cultures, and understand their goals, techniques, methods and cultures • Construct an evaluation framework for contracts • Manage contractors, consultants, senior users and negotiate changes where applicable • Deal with conflict where it arises • Monitor and evaluate contracts / undertake performance analysis • Undertake risk assessments	Can: • Undertake analysis in relation to mapping and improving the necessary interactions between core business functions, customers and suppliers • Encourage communication and willingness to share knowledge and information • Facilitate openness to constructive feedback without emotional bias • Be outcome-oriented, and reach compromise between different interests • Manage large and complex contracts • Use tact and diplomacy to resolve contract disputes	Are called upon to: • Produce / contribute to sector specific guidance or publications • Share your contract management expertise with others • Train / mentor others in contract management • Project Sponsor of large-scale projects • Act as an authority on a range of forms of contracts and contract management

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Design – garden	Formulates/interprets project briefs. Blends creative and artistic skills with a scientific understanding of horticulture, plants and materials to create and represent proposals for the design of gardens.	Demonstrates an understanding of the artistic and scientific knowledge bases that comprise the craft of garden design, primarily focused on small-scale, residential sites ie single family homes.	Takes a proactive role with clients in creating and sometimes overseeing construction of designs that demonstrate not just comprehensive understanding but originality of thought.	Has a repertoire of designs that is both large and diverse with many different site types and scales, including designs that involve major engineering/construction/ reshaping of a site.	Is a recognised authority on garden design
TECHNICIAN PYRAMID **CHARTERED MEMBER** PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Client communication and expectations, following the client's expressed desires • How to read and use the language of visual graphics that depicts landscape elements, whether by hand or computer-aided design • How to analyze a site and accurately read conditions of light, water, soil quality, climate, etc. • Basic aesthetic and horticultural considerations for plant selection • Correct, practical selection of non-plant materials such as hardscaping, fences, etc.	Can: • Develop original ideas • Go beyond a basic site analysis to identify a site's hidden potential • Demonstrate a distinctive, recognisable style in visual graphics • Select plants that meet all appropriate aesthetic and horticultural criteria but also expand the site's scope and possibilities • Use a creative eye in selection of hardscaping, fencing, water features, and other non-plant elements	Can: • Show a recognisable, distinctive design style • Work on prominent projects • Develop designs that involve technical issues in site contour planning, hardscape construction, or other aspects • Provide initial design concepts for support staff to finalize technical renderings • Design original structures or elements for gardens, such as water features	Are called upon to: • Collaborate with architects or urban planners on complex projects interfacing architecture/streets with garden • Mentor and support early-career garden designers • Publish designs or write about design theory in magazines/books/ electronic media • Provide advice as a recognised authority on garden design • Prepare complex designs of a clearly identifiable style.

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Design – landscape (all sectors including housing, play, sport and recreation)	Formulates/interprets project briefs. Creates and represents proposals for the design, planning or management of landscape projects, including verbal and visual representation, two and three dimensional and temporal contexts. Presentation of design proposals to a range of professional and lay audiences.	Demonstrates an understanding of project / design briefs. Conversant with the principles and process of landscape design.	Contributes to the formulation of project / design briefs. Creatively involved in the design process and various stages / levels from concept through to detailed design.	Formulates project / design briefs. Manages the design process and creatively carries out the required design tasks at the various stages / levels from concept through to detailed design.	Is a recognised authority on landscape design, called upon to provide advice on all aspects of design.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Landscape design principles and process • A project / design brief • Various design stages from concept to detailed design • Budgetary / financial constraints • Industry standard tools / resources • The importance of effective communication of designs (verbal and visual) • The ethical and legal responsibilities of the designer • Relevant regulatory and planning framework	Can: • Work to a project / design brief • Contribute to the design process including preparation of materials for design review panel • Execute design tasks under supervision at various stages • Contribute to managing budgetary / financial constraints • Use industry standard tools / resources • Contribute to communicating design ideas effectively verbally, in writing and using visual representation • Comply with the ethical and legal responsibilities of the designer • Apply relevant regulations and planning considerations	Can: • Interpret objectives and formulate project / design briefs • Manage the design process effectively including presenting to collaborative/enabling panels or committees • Creatively execute design tasks at various stages • Manage and work within budgetary / financial constraints • Strikes the right balance between creativity and financial constraints • Use industry standard tools / resources for complex designs • Communicate design ideas engagingly verbally, in writing and using visual representation • Comply with ethical and legal responsibilities • Apply relevant regulations and planning considerations for complex designs	Are called upon to: • Provide expert advice on landscape design • Chair collaborative/ enabling panels or committees • Train / mentor others on the various aspects of landscape design including CPD initiatives. • Provide expert contribution to creative and technical developments in landscape design • Advise others on best practice in landscape design.

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Design – public realm	Designs a public realm that provides a connected, inclusive and intuitive user experience and responds to the local character of the area providing a sense of place. Creates designs that are vibrant, modern and with a distinct local character, that integrate maintenance needs with design needs and ensure that appearance is in keeping with structural and functional design concepts.	Demonstrates understanding of the context, local character and functions of the Public Realm. Supports a more senior colleague in developing, producing and communicating designs.	Contributes to setting out a clear analysis of the public realm: context, functions, issues and opportunities. Understands the role of other professions in the design of the public realm, where a landscape professional has responsibility and where they should seek advice. Designs public realm schemes with the support of a more senior colleague.	Leads projects on the public realm either as lead designer or in support of another professional. Advises on commission of appropriate consultants and surveys	Is a recognised authority on the design of public realm with a track record of delivering high profile projects or in special situations.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The important aspects of context which influence the design of the public realm • Inclusive design issues • Healthy street design • Which baseline surveys are required, for which a landscape professional is responsible • Methods for surveying, mapping and communicating context, issues and opportunities • How to produce drawings at each stage of the design process • The difference between a project in the adopted highway and one in private ownership and how this influences survey, design and consultation issues	Can: • Run a simple public realm project under the supervision of a senior colleague • Coordinate input from other professionals when leading a simple projects or input to a team supporting on a more complex project • Produce inclusive designs that conform to design guidance • Incorporate healthy street design principles • Undertake baseline surveys for simple projects • Attend and contribute to project meetings • Attend and contribute to stakeholder workshops and public consultations • Advise on and produce basic layout, drawing and specifications	Can: • Run more complex public realm projects • Lead project meetings • Produce best practice inclusive designs • Commission or advise on the commission of sub-consultants and surveys • Devise engagement strategies • Advise on more complex layout, drawing and specifications • Produce programmes • implement legislative, planning and highway requirements	Are called upon to: • Provide expert advice to others on public realm design • Train and develop others in public realm design • Advise others on best practice • Deliver high profile projects

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Digital technologies	Use of computer software and equipment and other digital technologies, electronic tools, systems, devices and resources that generate, store or process data.	Demonstrates an understanding of the importance of appropriate equipment, electronic tools and computer software.	Contributes to the provision of appropriate equipment and tools.	Employs appropriate equipment and electronic tools to a variety of projects.	Is an authority on the provision of appropriate equipment and electronic tools. Is expert in the field.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The range of electronic equipment landscape professionals use for gathering data • The range of computer software available for delivery of different projects, from writing reports to generating planting plans to hard surfacing details • How to digitally generate 2D CAD/graphics representations • How to digitally capture data using various technologies • The process of 3D Modelling • The role of a Geographic Information System (GIS) • Use of Building Information Modelling (BIM) • Use of Surveying equipment • Knowledge of extended realities (Virtual Reality/ Augmented Reality/ Mixed Reality) and enabling software	Can: • Use appropriate equipment to gather data for simple projects • Use appropriate software for projects • Use GIS software for basic geographical understanding • Use CAD for generating layout plans • Use graphics packages for generating landscaping graphics • Use software to digitally create 2D representations and export • Specify what digital data is required for the project and how to acquire it • Use GIS software to compile and display geographic data including shape files, geo-referenced maps and LIDAR data • Use BIM software to compile landscape/ project management data • Use survey equipment for capturing levels data and control points • Understand limitations of geographic projection systems in visualisation compared with the curvature of the earth • Use of extended realities enabled software to digitally create 3D representation	Can: • Use electronic equipment for gathering data for complex projects • Review the current state of equipment and software within the landscape practice/ authority • Use different software for delivering projects • Use 2D and 3D representations in the workflow • Use digital data for development projects and understand the limitations of the data • Work with 3D data for both the development and surrounding topography • Use GIS software to interrogate data for calculation purposes eg ZVIs/ZTVs • Use BIM software to interrogate data • Apply survey data for use in verified views • Use techniques to remove the limitations of geographic projection systems in 3D visualisations where necessary • Use extended realities enabled software to integrate 3D representations into the workflow	Are called upon to: • Provide knowledge of electronic equipment and computer software to wider audience. • Motivate others through training in the different areas of digital technology and computer software types • Advise on CPD content • Evaluate and advise on the effectiveness of electronic equipment and digital technologies within the workplace • Motivate others through training in the different areas of digital technology and computer software types • Communicate the benefits of XR and develop links between academia, professional practice and other disciplines • Provide internal and external CPD on software, 2D representation, 3D modelling, extended realities (XR), GIS and/ or BIM

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Education and knowledge exchange	Undertakes knowledge exchange activities to share ideas, experience and expertise relating to landscape which is mutually beneficial to all parties involved. Assesses and evaluates achievement.	Demonstrates knowledge and awareness of the available resources and channels for professional education and knowledge exchange.	Contributes consistently to ongoing development and dissemination of knowledge in the field.	Plays a significant role in contributing knowledge to the field and participating in ongoing dialogue on key issues.	Serves as a recognized and leading figure for learning and training in the field.
 	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The importance of ongoing knowledge exchange for maintaining professional standards and dissemination of new information • Available resources, channels and memberships needed to satisfy continuing education or professional development requirements • How to continually build on existing knowledge through books, electronic resources, and professional networks • The methods for assessing and evaluating achievement	Can: • Maintain an active and engaged presence in professional organisations and/or learning institutions, both online and face-to-face • Contribute to boards, committees or other workgroups committed to educational endeavors • Contribute to the development of course material • Contribute to assessment and evaluation of achievement	Can: • Develop course and training material • Mentor and advise younger colleagues • Share or present own original theories, technical innovations, creative ideas or other original knowledge in professional forums • Teach basic level skills courses • Assess or evaluate learning outcomes	Are called upon to: • Teach specialised courses or studios • Contribute original theories and ideas to textbooks • Share knowledge in academic journals • Provide leadership in professional associations and networks at a national and international level • Serve in a leadership capacity in a learning environment • Mentor or advise students or younger colleagues carrying out original research in the field. • Serve as consultant in reviewing or proposing new educational or professional standards or legislation related to the profession

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Funding and finance	Contributes to setting and managing budgets and developing a funding strategy and action plan. Identifies opportunities for grants, funding and commercial income. Writes applications for funding. Delivers and evaluates funded projects. Understands and manages relevant legal & legislative mechanisms that provide funding for landscapes or places eg levies, service charges, taxes etc	Demonstrates understanding of types and sources of funding and methods of income generation	Able to lead on small to medium scale funding applications and contribute to wider funding strategies and income generation	Leads on complex funding strategies and large scale or complex funding applications and large scale income generation initiatives encompassing business planning and commercialisation opportunities	Contributes to national thinking on funding and income generation in a landscape context
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Types of funding • Sources of funding • Monitoring and evaluation techniques • Where to find sources of information relating to business planning • Information needed for funding applications • How to match a project to possible funders • How to measure success against a funder's outcomes • How to construct a simple (project) budget and understand the key components of a business plan • Sources of income generation	Can: • Write a successful funding application for a small to medium scale project • Construct a simple funding strategy involving multiple funding sources on one project • Devise and deliver an appropriate monitoring and evaluation approach for a funded project • Demonstrate the management of funding on a small / medium scale project • Contribute to writing a facility / site specific business plan • Contribute to generating income and commercialisation	Can: • Write / lead on a successful funding application for a large /complex project (including commissioning consultants) • Effectively communicate the need for funding for a particular project • Lead on a funding strategy involving multiple funding sources • Devise an income generation strategy for a large project or whole service • Demonstrate the management of large and complex budgets • Lead on / write / commission complex business plans • Work collaboratively to support funding bids	Are called upon to: • Produce / contribute to sector specific guidance or publications • Train / mentor others (including CPD initiatives) • Develop strategic partnerships • Secure complex/blended funding packages to support projects

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Habitats and species	An understanding of habitats and species; their basic ecology and how landscape design, management and human behaviours can influence the functions of habitats for different species.	Demonstrates an understanding of habitats and species present in the region they work, primarily through a theoretical capacity.	With guidance and support applies an understanding of habitats and species .	Consistently applies advice and understanding of habitats and species relevant to the environment and area of professional work.	Is a recognised authority on one or a number of habitats, wild species and/ or taxonomic groups and is called upon to provide expert advice to assess, protect and enhance habitats and species. Expert in a particular field of study, methodology or approach such as habitat assessment, species surveys, re-introduction of wild species, in different climates and geographic locations.
 	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The role of the ecologist and the potential risk of poorly designed and implemented ecological surveys to the design process • The role of the landscape professional and when they need to ask for advice from others • Key international and national legislation relating to the protection of habitats and species in their region • The fundamental principles of ecology (e.g. food chains, competition, succession, connectivity, nutrient cycles) • The role of local and national government relevant to the region of practice	Can: • Identify where specialist input is required and advise on the commission of sub-consultants and surveys. • Help to articulate the role habitats and species play in design, planning and land management • With guidance from professional ecologists, interpret ecological reports, habitat terminology and impact on species relevant to area of work • Communicate effectively with ecologists, soil scientists, arborists, hydrologists, civil engineers, architects to ensure a fully coordinated package of information • Identify a typical but limited range of habitats and vascular plants. • Understand basic requirements of and potential issues for common species and their habitats	Can: • Consistently apply an ecological understanding of habitats and species in the design process • Apply good working knowledge of best practice approaches to protect and enhance important habitats and/ or species • Identify a typical and wide range of habitats and vascular plants • Understand the habitat requirements for a wide range of representative species relevant to the region of work • Understand the potential impacts as a result of inappropriate design use, and/or management (e.g. shading, lighting, disturbance, nutrients, invasive species) • Implement guidance and knowledge thorough practical design projects, construction and management plans	Are called upon to: • Provide technical advice on habitat creation for key species and/or habitats • Demonstrate extensive practical experience delivering habitat creation and land management for a range of habitats and species • Work collaboratively with the full range of specialists to design and develop new habitat and management programmes for priority habitats and species and/ or restoration techniques • Contribute written material for journals, conferences or industry best practice • Provide training on relevant aspects of the above

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Heritage landscapes/ places	Contributes to the identification conservation, management and/ or celebration of heritage assets and landscapes. Understands and promotes the value of heritage and its role in shaping the cultural distinctiveness and the character of places and landscapes. Considers the social, cultural and economic value of heritage.	Demonstrates an understanding of the management needs of a range of historic assets sites and landscapes and their role in shaping local distinctiveness and cultural identity. Understands the importance of landscape setting with respect to the conservation and enhancement of heritage assets.	Contributes to the protection and enhancement of historic character and assets. Contributes to the development of character and heritage policy.	Understands the significance and vulnerability of historic sites, features and landscapes. directing positive management in plans, policies and practice.	Is an authority on historic landscapes and a recognised advocate of the critical importance of conserving and restoring heritage sites, features and landscapes.
TECHNICIAN PYRAMID **CHARTERED MEMBER** PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Historic landscape character assessment. • Basic historic periods e.g. bronze age, medieval. • The range of heritage designations (historic sites, buildings, features and places) and their management needs. • The potential impacts upon heritage of a range of activities, such as different types of development proposals and agricultural activity. • Relevant legislation and policy supporting heritage protection.	Can: • Identify, map, describe and assess heritage landscapes, sites and features. • Support the production of management plans for heritage assets and contribute to heritage management and restoration initiatives. • Consider how new landscapes and places can strengthen historic character.	Can: • Engage in heritage led approaches to place management and regeneration. • Include the management and restoration of heritage within plans and projects. • Use historic records, data and historic landscape characterisation. • Lead on the production of heritage management plans and policy.	Are called upon to: • Advocate for the importance and relevance of historic landscape character and the historic environment. • Provide specialist advice, guidance, training and/or research on heritage. • Contributes to national/ international level policy, guidance and legislation supporting heritage protection.

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Landscape assessment	Prepares formal landscape assessments (or appraisals where appropriate) including but not limited to Landscape and Visual Impact Assessments, Landscape Character Assessments, Landscape Sensitivity Assessments and/or Seascape Character Assessments. Ensures approach and methods adopted are appropriate to the specific circumstances and considers appropriate mitigation measures.	Demonstrates an understanding of the principles of landscape assessment	Contributes to impartial and proportional landscape assessments	Actively promotes and undertakes good practice in landscape assessment	Is a recognised authority on landscape assessment and is called upon to provide expert advice and contribute to industry guidance.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The relevant policy context • Importance of opportunities and constraints advice arising from landscape and visual assessments to inform good design. • Where to find available industry guidance on landscape and visual assessment • The EIA process, when / what this is triggered by and the role of Landscape Assessment in the EIA process • The need for an impartial and proportional approach to landscape and visual assessment • Different types of assessment (landscape, townscape, seascape, capacity studies and character assessment) • Differences between landscape character assessment and visual assessments • Documentation required • The difference between Landscape Assessment and Landscape Appraisal and when to use each • The role of mitigation and the assessment of residual effects • The difference between mitigation and enhancement	Can: • Utilise available industry guidance to undertake landscape and visual assessment (or appraisal where appropriate) or review where carried out by others • Apply the relevant policy context • Contribute to discussions and negotiations on EIA scoping and screening • Undertake impartial and proportionate landscape and visual assessments (or appraisals where appropriate) • Contribute to writing methodologies for landscape and visual assessments • Provide a supporting role for expert witness services • Prepare and/or review relevant documentation	Can: • Apply in depth knowledge of industry guidance and application in undertaking landscape and visual assessments (or appraisals where appropriate) or reviewing where carried out by others • Write methodologies for landscape and visual assessments • Prepare and/or review complex documentation • Lead discussions and negotiations on EIA scoping and sreening • Undertake impartial and proportionate complex landscape and visual assessments (or appraisals where appropriate)	Are called upon to: • Act as an authority on landscape and visual assessment • Advise on best practice and contribute to industry guidance • Train others to develop knowledge

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Landscape construction (materials and systems)	Identifies and selects appropriate palettes of materials with consideration of site, context, intended use, structural performance, sustainability characteristics, intended lifespan, maintenance and financial implications.	Demonstrates an understanding of the principles and processes relating to landscape construction. Conversant with the resources / tools for selecting appropriate landscape materials and construction methods (in line with sustainability principles), and with the production of technical documentation for contract purposes.	Contributes to the selection of landscape materials and construction methods / techniques appropriate to the site, context and intended end use, having regard to sustainability principles. Involved in the preparation of technical documentation and costings / financial information etc.	Selects appropriate landscape materials and construction methods / techniques, having regard to the site, context and intended end use, and sustainability principles. Leads on the preparation of technical documentation and costings / financial information etc appropriate to the type of contract and work stage using industry standard tools and systems / software.	Is a recognised authority on landscape construction and is called upon to provide expert advice to clients and public bodies.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The landscape construction process • A programme of works • The principles of planting/ecology and hard materials / engineering in both urban and rural contexts • How to identify and select of appropriate construction materials and methods / systems in line with sustainability principles. • The relevant regulations, standards, guidance and compliance / consenting issues relating to landscape construction • The tools / resources available (e.g. BIM NBS, Revit) to assist the design and construction process and preparation of technical documentation • Technical documentation content i.e. drawings (graphic info at various scales), specifications (materials & workmanship), schedules (quantities) and cost plans (i.e. approx. quantities, pre-tender estimate, tender pricing document) • The role of other professionals e.g. QS (quantity surveyor) and such matters as standard method(s) of measurement and costing / pricing, tendering etc	Can: • Contribute to a programme of works • Contribute to selecting / specifying appropriate landscape materials (hard and soft) and construction method(s) / technique(s) for simple projects in line with sustainability principles • Use industry standard resources, tools / systems and software e.g. BIM, NBS, Revit • Apply relevant regulations, consents, standards and guidelines • Contribute to preparing elements of draft technical documentation, construction and management schedules and specifications, and cost estimates / financial information • Liaise with of other professionals e.g. QS on such matters as standard method(s) of measurement and costing / pricing, tendering etc.	Can: • Lead programmes of works • Select and specify appropriate landscape materials and construction methods / techniques for complex projects in line with sustainability principles • Select appropriate industry standard resources, tools / systems and software e.g. BIM, NBS, Revit • Ensure compliance with relevant regulations, consents, standards and guidelines • Prepare technical documentation, construction and management schedules and specifications, and cost estimates / financial information appropriate to the type of contract and work stage. • Engage collaboratively with of other professionals e.g. QS on such matters as standard method(s) of measurement and costing / pricing, tendering etc.	Are called upon to: • Provide expert advice on landscape construction • Train / mentor others (including CPD initiatives) on the various aspects of landscape construction • Contribute to research in the field of landscape construction • Advise industry, public bodies and others on best practice in landscape construction

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Landscape ecology	Understanding of the spatial and temporary patterns that influence ecological function and processes of landscapes at a range of scales. Inherently multi-disciplinary crossing between social science, geology, climate/meteorology and geomorphology.	Demonstrates a broad understanding of the importance of spatial and temporal patterns on influencing ecological function of landscapes in their region.	With guidance and support applies an understanding of the importance of spatial configuration of different land uses, habitat types, structure and management in influencing the function of landscapes – for people, domestic and wild species	Consistently provides independent advice, identifying solutions to improve the understanding of landscape pattern in influencing function for people, domestic and wild species.	A recognised authority on landscape ecology in a particular field (eg statistical modelling for habitat connectivity, island biogeography, landscape dynamics, land use change) and is called upon to provide expert advice, guidance and solutions in their region or further afield.
TECHNICIAN PYRAMID **CHARTERED MEMBER** PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Principles of landscape ecology and terms such as landscape metrics, home range, and structural elements such as patch, mosaic and corridor • Common computational models for analysing data sets (e.g. tree cover) • Principles and applications of Geographical Information Systems (GIS) and remote sensing techniques • Regional approaches, policies and projects to improve ecological function at the landscape scale	Can: • Apply basic principles of landscape ecology to improve ecological function • Use or apply models to practical or research situations, but requires support to interpret data, run models • Use GIS systems and/ or remote sensing techniques with support from senior staff • Apply regional approaches and polices to guide project aims and objectives	Can: • Apply complex principles to projects (e.g. home range, edge effect, patch size) at a variety of spatial scales and species • Work with one or more models to understand landscape processes and interpret results for wider release • Use GIS and remote-sensing data to inform projects at a range of spatial scales and use standard tools for the analysis and interpretation of spatial environmental data • Provide advice on policy, methodologies for implementation at the landscape scale through regional projects, land management strategies, and planning guidance.	Are called upon to: • Provide expert advice to others on the principles, analysis and interpretation of landscape pattern on ecological function for a given area/focus. • Use in-depth working knowledge of methods and models to analysis landscape patterns • Expert at GIS to anaylsis environmental data and produce outputs. • Contribute written material to journals, conferences or industry best practice on specialist subject • Provide technical expertise to inform regional planning polices, review project success.

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Landscape engineering	Works in interdisciplinary teams to apply principles of engineering and other sciences to the design and creation of anthropogenic landscapes (human landscapes). Holistically considers landforms, substrates, ecology and vegetation throughout all phases of design and construction.	Demonstrates understanding of engineers within projects. Is aware of the different disciplines within engineering and understands the responsibilities of a Landscape professional and when they should seek the advice of an engineer.	Contributes to an interdisciplinary team working in partnership with engineers proving advice on landscape aspects of the project.	Leads interdisciplinary teams or the landscape input to large or complex projects. Advises on commission of appropriate consultants to form a multi-disciplinary team and what surveys or studies are required to fulfil a commission. Uses knowledge of engineering to support or challenge engineering assumptions with implications for the landscape or public realm to develop a better solution.	Is a recognised authority in a particular area of Landscape Engineering able to direct engineers to deliver additional value to a project. Has a track record of delivering high profile projects in one or more areas of Landscape Engineering
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The different disciplines within engineering and their different roles within a project e.g. structural, highway, drainage, electrical, geotechnical, utilities • The role and responsibilities of a landscape professional in an interdisciplinary team	Can: • Contribute to an interdisciplinary project under the supervision of a senior colleague • Coordinate input from other professionals where leading a simple projects or input to a team supporting on a more complex project • Apply understanding of engineering issues and consider their implication for landscape issues • Work on coordinated drawing and specification packages in an interdisciplinary team referencing drawings appropriately Communicate effectively with engineering teams to ensure a fully coordinated package of information	Can: • Lead interdisciplinary teams on complex projects • Lead project meetings • Produce best practice projects • Commission or advise on the commission of sub-consultants and surveys • Devise engagement strategies • Set up project strategies for information exchange within inter-disciplinary teams • Understand timescales and produce programmes • Implement legislative requirements and best practice design guidance	Are called upon to: • Provide expert advice to others on a particular area of landscape engineering • Develop innovative strategies or designs that challenge socially or environmentally damaging engineering solutions • Train and develop others in a particular area of Landscape Engineering • Advise industry bodies (or similar)

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Landscape planning and/or policy	Develops and/or applies strategies, policies and plans to create successful environments, in both urban and rural settings, for the benefit of current and future generations. Advises on or manages proposals for change which may affect the landscape. Assesses and seeks to resolve environmental, economic and social opportunities and constraints and take these into account in addressing a landscape's potential and capacity to accommodate change. Contributes to applications for planning consents.	Demonstrates an understanding of landscape and environmental planning and policy.	Contributes to formulating and/or interpreting strategic plans and / or development proposals from a landscape and environmental planning policy perspective.	Formulates and/or interprets strategic plans and / or development proposals from a landscape and environmental planning policy perspective.	Is a recognised authority on landscape and / or environmental planning.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Principles of landscape / environmental planning and the process of policy making • Key drivers behind landscape change at both 'landscape' (strategic) and 'site' scales • Core environmental and sustainability issues and tensions between them and social and economic issues • Underpinning environmental planning concepts e.g. 'ecosystem services' and 'landscape conservation and enhancement' • Relevant planning and environmental legislation, and regulatory and policy framework • Distinction between forward planning (strategic) and development management (scrutiny of planning applications) • Principles and process of landscape and / or environmental assessment, such as EIA, LVIA and LCA • Synergies with other related specialisms e.g. Landscape Assessment and Natural Capital & Ecosystems Services • Current and emerging landscape planning initiatives	Can: • Contribute to formulating and/or interpreting strategic plans and / or development proposals • Apply understanding of related landscape, environmental and sustainability issues at both strategic and site-specific levels • Contribute to applying and / or ensuring compliance with relevant legislation, regulations and policy • Contribute to carrying out and interpreting / commenting on simple landscape / environmental planning documents • Contribute to providing advice on simple landscape / environmental planning matters at both landscape and site scales	Can: • Lead on the formulation and/or interpretation of strategic plans and / or development proposals • Advise on related landscape, environmental and sustainability issues at both strategic and site-specific levels • Lead on applying and/ or ensuring compliance with relevant legislation, regulations and policy • Carry out and interpret / comment on complex landscape / environmental planning documents such as LVIAs • Provide reasoned advice on complex landscape / environmental planning matters at both landscape and site scales	Are called upon to: • Provide expert advice on landscape / environmental planning at both strategic and site-specific levels • Train / mentor others (including CPD initiatives) on the various aspects of landscape / environmental planning • Contribute to research and developments in landscape / environmental planning • Advise on best practice in landscape / environmental planning

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Landscapes/ places and people (including tourism)	The sustainable management of visited and popular landscapes, sites and destinations. Promoting accessible, inclusive places and positive experiences for visitors in urban and/ or rural environments. Mitigating visitor impact to conserve the fabric of place and make space for nature. Monitoring both the quality of a place and user experience to ensure responsive management and improvement.	Demonstrates an understanding of the basic principles of sustainable tourism and destination management in a landscape context.	Contributes to the development of monitoring frameworks, visitor management plans and the implementation of management activity.	Leads on destination management planning for well visited places/ landscapes, developing and implementing effective strategies and management responses.	Is an authority on sustainable destination management. Provides expert advice and guidance at a national level, advocating sustainable, landscape led solutions to complex destination management challenges.
TECHNICIAN PYRAMID **CHARTERED MEMBER** PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The range of issues facing well visited sites and landscapes • Management responses to visitor pressure (e.g. erosion control/ signage) • Visitor management tools and management documents • Understands the legislative requirements with respect to accessibility and inclusion for visitors	Can: • Recognise visitor related issues and challenges for specific sites and landscapes • Contribute to the production of visitor / user management plans • Contribute to implementing management responses • Contribute to the monitoring of visitor numbers, experience and visitor impact	Can: • Plan and implement monitoring of visitors and visitor impact, using the results to inform effective management • Produce and implement comprehensive and inclusive visitor/ user management plans and strategies • Influence place branding, marketing and interpretation activities to manage pressures	Are called upon to: • Provide strategic advice and guidance on visitor management for multiple sites and landscapes • Advocate for the principles of sustainable tourism and visitor management for places and landscapes • Research innovative tools and methods for visitor management and train others

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Management of landscapes	To plan for and manage places, land and landscapes to provide multiple social, environmental and economic benefits that meet present and future needs and aspirations. Manage and mitigate pressures on urban, rural and peri-urban landscapes across a range of scales, in collaboration with landowners, land managers and land users.	Demonstrates an understanding of the social, environmental and economic pressures on landscape and appropriate management responses.	Contributes to the planning and implementation of landscape management, involving stakeholders.	Provides advice and guidance on landscape management and implements land management initiatives in partnership with others.	An authority on sustainable landscape management, guiding relevant policy and legislative frameworks.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • A range of potential land management objectives • The pressures and forces for change on rural and peri urban landscapes • Potential land management responses to address forces for change (for example invasive species) and deliver landscape objectives • The principles of landscape conservation, enhancement and restoration	Can:: • Interpret landscape management plans and strategies at a range of scales. E.g. catchments • Support the communication of management plans and initiatives to delivery partners and stakeholders • Assists in the production and implementation of landscape management specifications and plans. • Identify opportunities for landscape conservation, enhancement and restoration, using data and spatial mapping • Work with others to support the delivery of landscape management initiatives • Contribute to projects and initiatives that conserve, enhance and restore landscapes	Can: • Plan, produce and implement detailed management plans and strategies for the conservation, enhancement and restoration of landscapes and places • Produce land management prescriptions, specifications and plans with respect to projects/ and or schemes. E.g. Landscape and Environmental Management Plans. • Involve partners, landowners and local communities in establishing and implementing land management objectives at a range of scales • Communicate land management objectives and initiatives effectively and advise others on implementation • Monitor landscapes to ensure landscape management objectives are being met • Collaborate with others to conserve, enhance and restore landscapes • Develop appropriate business cases and funding applications in order to secure resources for landscape management	Are called upon to: • Advise on strategic landscape management at a national or international level • Provide expert advice on the effectiveness of landscape management strategies • Produce expert technical input for national level policy, legislation and guidance • Train/mentor others (including CPD initiatives)

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Master Planning	Determines the future development of an area (urban and/or rural) by setting a vision, framework and design guidance showing how it will be achieved. Works collaboratively in a multidisciplinary team to provide integrated solutions that meet operational and commercial objectives whilst being responsive to the environment and the needs of local people and communities.	Demonstrates understanding of the context, local character and functions of the Master Plan. Supports a more senior colleague in communicating analysis, design development and proposals.	Contributes to setting out a clear analysis of the Master Plan area: context, functions, issues and opportunities. Understands the role of other professions in the Master Plan, where a landscape professional has responsibility and where they should seek advice. Designs basic Master Plans with the support of a more senior colleague.	Leads Master Planning projects either as lead professional or in support of another professional. Advises on commission of appropriate consultants and surveys.	Is a recognised authority on Master Plannng with a track record of delivering high profile projects or in special situations.
TECHNICIAN PYRAMID **CHARTERED MEMBER** PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The important aspects of context which influence the Master Plan • Inclusive design issues • Methods for surveying, mapping and communicating context, issues and opportunities • How to produce drawings to communicate analysis, design development and proposals • Vision, strategic framework, neighbourhood character, various uses and how they mix or neighbour one another, land ownership, open space and the public realm, biodiversity, green infrastructure, integrated water management, utilities, movement and transport • Which baseline surveys are required for which a landscape professional is responsible	Can: • Run a simple Master Planning project under the supervision of a senior colleague • Coordinate input from other professionals when leading a simple project or Input to a team supporting on a more complex project • Produce Inclusive Designs that conform to design guidance • Undertake baseline surveys • Attend and contribute to project meetings • Attend and contribute to stakeholder workshops and public consultations • Apply understanding of issues relating to: vision, strategic framework, neighbourhood character, various uses and how they mix or neighbour one another, land ownership, open space and the public realm, biodiversity, green infrastructure, integrated water management, utilities, movement and transport • Advise on and produce layouts	Can: • Lead Master Plan projects • Lead project meetings • Produce best practice inclusive designs understanding how different people's journeys will be affected by different options • Commission or advise on the commission of sub-consultants and surveys • Devise engagement strategies • Set out layouts for masterplans • Understand timescale and produce programmes • Set out strategies, taking advice where appropriate	Are called upon to: • Provide expert advice to others on Master Planning • Train and develop others in Master Planning • Advise on best practice

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Natural Resources and Ecosystems Services	Integrates natural resource management approaches into landscape management, landscape planning and/or the design of green infrastructure to conserve and enhance ecosystem services and build resilience. E.g. to climate effects. Recognises natural resource types and the range and value of ecosystem services that flow from them at different scales.	Demonstrates an understanding of the principles of natural resources and ecosystem services and capital accounting.	Contributes to the mapping of natural resources and the production of ecosystem accounts and contributes to landscape practice that seeks to enhance ecosystem goods and services.	Undertakes natural resources studies on a landscape scale, producing ecosystem accounts. Embeds natural resources approaches within landscape plans, polices and projects.	Is an authority on natural resources and ecosystem services accounting, has inputted into national/ international studies and accounts and provides advice and guidance on strategic level policy and legislation.
TECHNICIAN PYRAMID **CHARTERED MEMBER** PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The basic methods of natural resources and ecosystem services mapping and accounting using valuing tools and techniques. • Different natural resource types and how these relate to different landscapes. • The range of regulating, provisioning, cultural and supporting ecosystem goods and services that flow from nature.	Can: • Take advice and guidance to map and describe natural resource types using spatial data. • Produce basic ecosystem flow information for different natural capital types. • Understand the principles behind managing landscapes to increase flows of ecosystem services.	Can: • Map and describe natural resources information (over a range of scales), interpreting ecosystem services flows and valuing information to produce ecosystem services accounts. • Plan for the management, enhancement and restoration of ecosystem services within a sphere of landscape practice. E.g. landscape management or landscape design. • Use available natural capital tools to take landscape management decisions. • Manage landscapes to increase the flow of ecosystem services and build resilience e.g. to climate change effects.	Are called upon to: • Advise on strategic policy and legislation for the management of landscapes and places for ecosystem services. • To advise nationally and internationally on natural resources accounting for landscapes. • Provide expert contribution to understanding and monitoring the strategic 'state' of natural resources and ecosystems services on a national level. • Train/mentor others including CPD intiatives

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Parks manageent	Recognises the importance of urban green spaces (to include parks, playing fields, natural / semi-natural green spaces, playing fields, allotments, play space, including their ecological, economic, socio-cultural and heritage roles. Considers the wider strategic and functional roles as well as site specific management issues. Understands the balancing of political, societal and environmental needs with the resources available.	Demonstrates a broad understanding of the importance of urban green spaces and of green space strategies, operational and management planning	With guidance and support is able to apply the principles at a site specific level across a variety of urban green space types Applies appropriate management standards for differing green space types Contributes to wider strategic thinking about green space systems and green infrastructure	Provides a strategic overview across a wide variety of urban green space types typically across a whole authority area Will be the advocate for urban parks and green spaces in their local and regional political environment Deals with complex issues on a larger spatial, resource and financial scale	A recognised authority in urban green spaces management who is called upon to provide advice at a regional or national scale Expert in a particular field such as strategic planning, management planning, resource management, heritage restoration and innovation Provides training or support to others outside of their organisation
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The existence of national policy, research and guidance and where to source it • The various stakeholders at an authority wide and site-specific levels • How to manage site specific resources • Community and stakeholder engagement • Resource planning • Green Flag and its role within the sector • The benefits that quality spaces can bring	Can: • Apply the principles to solve issues at a site specific or small spatial scale e.g. through production of a management plan, specification, Service Level agreements or similar • Recognise how to improve a site to appropriate quality standards (e.g. Green Flag Award) • Lead on small to medium scale projects • Managing site specific or area based budgets and resources • Engage communities and stakeholders in managing, maintaining and developing sites	Can: • Manage a wide variety of green space types • Lead small to large multi-disciplinary teams often at an authority wide scale or outsourced services, to include contract management, monitoring where appropriate • Lead on complex large-scale projects • Lead on organisational change • Involve a wide range of stakeholders, partners, politicians, consultants, contractors and local communities • Influence and advise on the formal protection of green spaces by appropriate bodies	Are called upon to: • Provide expert advice to regional groups, national panels, steering groups / working groups • Prepare author guidance, publications and contribute to policy at regional / national levels • Lead the development of green space strategies • Speak and advocate at regional and national level – conferences, seminars and/or offer guidance nationally

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Place management	Taking an integrated, local approach to the co-ordinated development of unique and inspirational places, harnessing the skills, experience and resources of the private, public and voluntary sectors. Improving places to provide economic prosperity, social cohesion, cultural identity and health and well-being, whilst making space for nature and building climate resilience. Incorporating activities such as town centre management, urban revitalisation, activity centre management, regeneration, management, marketing, economic development, neighbourhood management, neighbourhood renewal, socio-economic revitalisation, community development and business improvement district management	Demonstrates an understanding of the principles of place management, place-making, place marketing/ branding, place shaping and visiting places including approaches to involving communities and other stakeholders.	Contributes to the development of place-based planning and delivery involving local place based networks/ partnerships.	Works in partnership and with local place based networks/partnerships including communities, local government and other place-based stakeholders/ anchors to develop and deliver place-based strategies, plans and programmes and policy and research.	An authority on place shaping, advising at national/ international level, advocating place management as an effective approach to the long-term, sustainable development of places.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The theory, principles and processes behind place management. • Different aspects of place management e.g. regeneration/ town centre management. • The importance of taking place-based approaches. • The tools and techniques of community and stakeholder engagement. • The principles of integrated service delivery and collaborative working.	Can: • Contribute to the development of vision and long terms aims for places as part of a team or partnership • Contribute to place based stakeholder involvement including stakeholder and community engagement processes. • Support effective place management partnerships and promote joint working. • Support the co-ordinated implementation of places-based initiatives.	Can: • Design and run place based stakeholder involvement processes that build consensus around the ambition and future direction of places. • Work with others to produce community and stakeholder owned place- based plans and strategies. • Lead effective community and stakeholder partnerships in the local level delivery of place-based initiatives. • Promote integrated approaches to place-based development including landscape approaches.	Are called upon to: • Lead on the strategic development and improvement of places. • Develop innovative tools, techniques and policy frameworks. • Provide expert input to processes, plans and policies. • Research effective ways of achieving place-based delivery. • Train and mentor those involved in place management partnerships and others

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Planting and horticulture	Identifies and selects appropriate plant palettes with consideration of climate conditions, microclimate influences, soil, sun, moisture and wind. Evaluates and selects appropriate plants to perform environmental, functional and aesthetic roles for outdoor spaces and built environments. Applies the principles of creative planting design to form an artistic composition. Understands the principles of horticulture: cultivation, plant health and management of planting.	Demonstrates an understanding of the principles of appropriate plant selection, good design and specification, cultivation and management.	Contributes to the good design and specification of appropriate and aesthetically pleasing planting schemes. Advises on good horticultural practice in cultivation and management.	Actively promotes good practice in planting design and horticulture to create aesthetically pleasing planting schemes appropriate to climate and location with appropriate cultivation and management.	Is a recognised authority on planting and horticultural issues and is called upon for expert advice on such.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The importance of consideration of climatic conditions, locational constraints and soils in plant selection • Seasonal changes in plant species and importance of timing in plant installation • Difference between native and non-native plants. • Basic plant species knowledge • Principles of plant installation, cultivation and management and the importance of correct specifications in contributing to plant health and good establishment • The use of plants in green engineering schemes (green walls, roofs, slope stabilisation etc) • The need to understand client expectations and likely management • Contribution of planting to healthy and biodiverse landscapes • Plant health issues in both supply and management	Can: • Analyse locational and climatic conditions to ensure appropriate plant selection. • Select plant palette and design to create aesthetically pleasing, health and biodiverse planting schemes • Specify correct planting specification to ensure plant health and establishment through to maturity. • Good plant species knowledge • Identify opportunities for green engineering solutions • Advise on plant cultivation and management to ensure good health • Apply knowledge of nursery and growing techniques • Apply broad knowledge of plant health issues in supply and management of plants	Can: • Evaluate complex climatic and locational conditions to ensure appropriate plant selection. • Advise on correct specification requirements in complex situations to ensure good plant health and establishment and good management techniques • Apply considerable plant species knowledge • Contribute to the design of green engineering solutions • Apply in depth experience of nursery plant growing techniques • Advise on suitability of programme and timings for planting • Apply in depth knowledge of plant health issues in supply and management of plants	Are called upon to: • Be a recognised authority on planting design and specification • Provide in depth knowledge of green engineering solutions • Advise on best practice in planting and horticulture • Train others to develop knowledge • Specialist knowledge and experience of plant species, planting, plant health issues and management techniques

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Procurement and tendering	Develops and implements procurement strategies and selects appropriate procurement routes for specific projects. Applies a range of tender processes from compilation of the tender through evaluation of tenders to selection and appointment of the contractor adopting appropriate procedures and requirements.	Understands the procurement process, the relevant regulations of their organisation and when to take advice.	Procures small to medium scale projects and manages the procurement cycle for lower value/risk projects	Leads development of commodity or less-complex category strategy development and implementation at local sector or national level. Leads development of commodity related contracts at local, sector or national level. Responsible for achieving procurement or commercial outcomes.	Leads and delivers complex procurement, category or portfolio strategies at a local, sector or national level. Develops innovative solutions Responsible for managing multiple teams or projects. Involved in achieving national, sector-led or organisational procurement and commercial outcomes.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Relevant procurement processes, wider procurement and commercial context • Types of tender process relevant to your organisation • The benefits and risks of good and bad procurement/ commercial practice and the importance of early consideration in strategy or policy development. • Has sufficient awareness to recognise when and where to engage procurement or commercial expertise. • The role of a procurement manager • How to coordinate customer and stakeholder communications. The process for receiving or raising requisitions and arranging purchase orders	Can: • Procure and tender small projects in public and/or private sector. • Undertake routine, lower value and/or lower risk procurements.	Can: • Undertake strategic procurement and tendering • Are commercially astute and use effective project management techniques. • Manage entire procurement process for higher value/risk projects.	Are called upon to: • Take commercial lead on complex procurement. • Lead and manage complex, higher value or risk projects and/or teams. • Develop best practice guidance • Provide industry expertise • Share senior expertise with others

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Protected landscapes/ places	Manages protected landscapes, providing for the social and economic needs of local communities in ways that conserve and enhance sensitive landscapes, working in partnership with stakeholders and communities. Promoting opportunities for the celebration and enjoyment of protected landscapes by the public and working to find solutions to the climate and ecological emergencies.	Demonstrates an understanding of protected areas legislative and policy framework, their purposes and governance, historical development, geography and management.	Supports governance structures for the protected landscape and contributes to management plan production. Contributes to the management of a protected landscape, supporting the delivery of the relevant management plan and/ or management initiatives	Manages a protected landscape, planning and facilitating collaborative management activity, working in partnership with a range of organisations and individuals. Facilitates governance structures producing governance documents and strategic plans.	Is an authority on protected landscape and advises nationally and/ or internationally on the legislative and policy frameworks to further the conservation and enhancement of protected landscapes.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Policy and legislation underpinning protected landscapes. • The range of protected landscapes and their purposes. E.g. To conserve and enhance natural beauty. • The number and location of protected landscapes and their management strategies and processes. • Protected landscape governance and associated board structures e.g.Partnership or Board. • The depth and range of management considerations for a protected landscape including: • Access and Recreation, biodiversity, catchment and water, coastal management, economy, heritage and culture, land management and farming, health and well-being, landscape character and local distinctiveness, planning and development, inclusion and cohesion, community facilities and services, tourism and transport	Cano: • Support protected landscape management planning processes. • Support initiatives to implement protected landscape Management Plans. • Support governance processes and procedures within a protected landscape. • Deliver local level projects and initiatives within and protected landscape, working with local communities. • Produce basic advice and guidance for different aspects of protected landscape management.	Can: • Lead on the development of Management Plans for a protected landscape. • Lead and co-ordinates policy responses to local and national consultations and calls for evidence. • Monitor landscape condition and change, identifying external pressures and forces for change. • Advise others on their duties and responsibilities towards a protected landscape and support implementation. • Advise on the conservation and enhancement of a protected landscape across a broad range of complex management issues. • Advise on strategic planning and development management to conserve and enhance a protected landscape. • Manage effective governance structures for a protected landscape and to work in partnership to co-ordinate and enhance delivery. • Steer effective communications to raises awareness and promote the benefits of protected landscapes. • Build effective relationships and influences the work of others to further the objectives of the protected landscape.	Are called upon to: • Lead and advise on strategic approaches to protected landscape management. • Influence and advocate for protected landscape management legislation, policy, guidance and governance. • Support the work of protected landscapes at a national level providing strategic advice and guidance. • Train/mentor others

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Soil management, conservation and improvement	Understands and applies the principles of soil pedology, chemistry, physics, biology and mineralogy. Works to achieve soil conservation and restoration, including protecting agricultural soils and those on development sites, storing carbon, building climate resilience, preventing pollution and restoring contaminated land. Identifies and implements appropriate management strategy, research and monitoring.	Demonstrates an understanding of soil science and the importance of soils to ecology, economy and society. Understands the threats faced by soils and principles of soil conservation and restoration.	Contributes to advice, initiatives and projects to conserve and restore soils within own sphere of practice, e.g. design and construction, forestry, horticulture, agricultural land management and farming, water quality and flood management.	Leads on the management of soils at a strategic landscape scale. Advises others and works in partnership with a range of organisations to promote good practice and incentivise improved management of our soils	Is an authority on soils and soil science. Engages in soil research and the development of innovative tools and techniques to conserve soils and restore soils where they have been degraded and/ or contaminated.
TECHNICIAN PYRAMID **CHARTERED MEMBER** PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understands: • Soil types, soil structure and soil pH. Understands basic soil ecology, hydrology and the principles behind soil conservation. • The main threats to soil health e.g. organic matter loss, compaction and erosion, particularly in agricultural landscapes. • The principles of restoration of degraded soils. • The role of soils in ecosystem services provision including carbon storage and capture, water flow and quality and biodiversity:	Can: • Understand more complex issues with respect to soils such as pollution and contaminated land. • Understand tools and techniques for restoring degraded soils. • With appropriate support, advise others on best practice soil management e.g. developers, farmers and land managers. • Undertake soil survey and monitoring. • Design simple soil conservation actions plans for sites. • Contribute to the development of soil management plans and action plans. • Support the development of soil conservation and restoration projects and initiatives.	Can: • Manage soils to minimise erosion and increase organic matter. • Manage soils to build resilience to climate change and contribute to carbon storage, flood attenuation and water quality. • Advise others on soil management and restoration tools, techniques and practice. • Develop and lead on the implementation of strategic soil management initiatives and projects. • Develop complex soil restoration management plans. • Monitor soil condition and initiate management responses.	Are called upon to: • Advise in the development of national policy and strategy for soils protection. • Assist in the establishment of soil health monitoring indicators at national level. • Engage and advise on reviews into soil protection and the development of new codes of practice. • Advise and mentor others on soil health and the tools and techniques of soils management and restoration.

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Visualisation and photography	Selection and use of camera equipment for the generation of visualisations.	Demonstrates an understanding of the need to the full range of camera equipment that can be used by landscape professionals. Demonstrates an understanding of what different visualisation tools are available, in terms of computer software and the ability to undertake camera image model render mapping accurately.	Contributes to the delivery of visualisation projects through use of camera equipment, survey knowledge and visualisation software. Is able to identify the most appropriate techniques for the delivery of a project.	Employs appropriate camera equipment, survey knowledge and visualisation software. Is able to identify the most appropriate techniques for the delivery of a project and understand the consequences of not using the correct equipment.	Is an authority on camera equipment, survey knowledge and visualisation software. Provides expert advice and evidence.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • Principles of camera equipment, including manual settings, lenses, the use of levelled tripod • Geographic projection systems and survey equipment. • The range of software appropriate for generating visualisations • Scope of what is required • Different pieces of camera equipment • The hardware requirements and accuracy issues for capturing accurate locational data • The importance of locational accuracy • The range of software options available for generation of accurate visualisations • Relevant technical and professional guidance and standards	Can: • Write a specification for a photographer to undertake technical photography for a project or contribute towards using camera equipment to take photographs • Identify what survey information is required to generate accurate visualisations and prepare a brief for the surveyors • Deliver visualisation services in accordance relevant technical and professional guidance and standards • Use appropriate software to construct accurate 3D models of development proposals	Can: • Use camera equipment for gathering photography • Apply detailed technical understanding of the equipment • Use camera equipment to take technical photography suitable for matching with 3D model renders • Generate visualisation which correctly remap 3D model views to photographic images in support of LVAs, LVIAs and for Public Inquiries/ Appeals	Are called upon to: • Run CPD activities on technical photography • Develop technical guidance within and outside of own organisation • Provide expert advice and evidence • Advise industry bodies or similar • Train / mentor others

Competency	Description	Level D – Understanding	Level C – Able	Level B – Accomplished	Level A – Expert
Water management	Prioritises all elements of the water cycle using the principles of Water Sensitive Urban Design (WSUD). Plans, designs and/or manages landscapes that integrate Sustainable Urban Drainage Systems (SuDS) and reduce the risk of flooding. Uses principles of natural drainage to absorb or attenuate water into permeable and vegetated surfaces to better manage the flows of water.	Demonstrates understanding of the concept of the natural water cycle and the issues of urbanisation that effect it.	Contribute to analysis of the landscape and drainage issues and opportunities. Understand the role of other professions in the WSuD, where a landscape professional has responsibility and where they should seek advice. Design basic SuDS with the support of a more senior colleague.	Leads projects incorporating SuDS either as design lead or in support of another professional. Advises on commission of appropriate consultants and surveys.	Is a recognised authority on WSuD and SuDS with a track record of delivering high profile projects or in special situations.
TECHNICIAN PYRAMID CHARTERED MEMBER PYRAMID	To be competent you will need to demonstrate that in relation to your landscape specialism you:	Understand: • The roles and responsibilities of the different professionals in WSUD • The role of the landscape professional in WSUD and when they need to ask for advice from others • The water cycle and the impact of urbanisation on it • Benefits of WSUD • The concept of rainfall return periods • Concepts of attenuation • Implications of ground permeability, risks for ground pollution and Groundwater Source Protection Zones • Legislation and governance framework • Adoption and maintenance issues • Difference between storm, combined and foul sewers. • Delivering multiple benefits, based on the 'four pillars of SuDS': water quantity; water quality; amenity; biodiversity • Retrofitting opportunities • SUDS Management Train • Catchment management effects and opportunities • Implications of restricting SUDS to 'end of pipe solutions' on landscape • The main components of a SuDs • Relevant guidance and standards • Which baseline surveys are required for which a landscape professional is responsible	Can: • Design a simple SuDS project under the supervision of a senior colleague ensuring management and maintenance processes are understood and accommodated in the design • Coordinate input from other professionals when leading a simple project or input to a team supporting on a more complex project • Undertake relevant baseline surveys • Attend and contribute to project meetings • Attend and contribute to stakeholder workshops and public consultations • Advise on and produce layouts	Can: • Lead projects incorporating SuDS • Lead project meetings • Produce best practice SuDS Designs • Commission or advise on the commission of sub-consultants and surveys • Devise engagement strategies • Produce programmes • Set out management and maintenance plans including clear responsibilities and funding proposals	Are called upon to: • Provide expert advice to others on WSuD and SUDS • Train and develop others in WSuD and SUDS • Advise industry bodies (or similar)

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