

# Green Walls and Roof Gardens Project

## Summary of additional round Consultation Feedback, Responses and Actions



Revised draft units of competency and skill sets for the Green Walls and Roof Gardens project were made available on the [Skills Impact website](#) for further stakeholder review from 6 July 2020 – 19 July 2020. Please visit the website to view a full list of the documents that were submitted for consultation during these phases.

Feedback was received from a variety of stakeholders around the country via the Skills Impact Feedback Hub, phone and email, as follows:

	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	National
<b>Industry (employer / employee)</b>									
<b>Industry association</b>			*						
<b>Union**</b>									
<b>Registered Training Organisation (RTO)</b>									
<b>Government department</b>	*					*			

\* *Note: Feedback received from a national industry association and Government departments indicated no relevant stakeholders in the Northern Territory, Australian Capital Territory and Tasmania.*

\*\**Unions were contacted and invited to contribute however no comments were received.*

Feedback received during this additional 'drafts available' period for the units of competency and skill sets that have been developed for the design, construction and maintenance of roof gardens, vertical gardens and green facades has been positive, with only minor changes or updates suggested by stakeholders.

Below is a summary of the feedback raised for the draft units of competency and skill sets developed and reviewed for the Green Walls and Roof Gardens project, and how these have been dealt with. This involves a consideration of the information provided, views of industry stakeholders and from people who are part of the Subject Matter Expert Working Group process. Resolutions are constructed to consider the needs and views of stakeholders to the extent possible, and to comply with the *Standards for Training Package 2019*. The resolutions may represent a compromise on one or more stakeholder views with the aim of a workable outcome for industry, State and Territory Training Authorities (STAs) and training providers.

**Acronyms:** APP – Application, PC – Performance Criteria, PE – Performance Evidence, KE – Knowledge Evidence, AC – Assessment Conditions, SMEs – Subject Matter Experts

Please use the menu below to navigate to the feedback you wish to view.

## Table of Contents

<b>General Feedback on Skill Set and draft Units of Competency .....</b>	<b>3</b>
<b>Summary of feedback on draft Skill Sets.....</b>	<b>7</b>
AHCSS00114 Design Roof Gardens, Vertical Gardens and Green Facades Skill Set .....	7
AHCSS00115 Construct Roof Gardens, Vertical Gardens and Green Facades Skill Set.....	8
AHCSS00116 Maintain Roof Gardens, Vertical Gardens and Green Facades Skill Set.....	9
<b>Summary of feedback on new Units of Competency.....</b>	<b>10</b>
AHCGR1501 Design roof gardens .....	10
AHCGR1502 Design vertical gardens and green facades.....	14
AHCGR1401 Construct roof gardens.....	15
AHCGR1402 Construct vertical gardens and green facades .....	15
AHCGR1301 Maintain roof gardens, vertical gardens and green facades.....	16

## General Feedback on Skill Set and draft Units of Competency

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
GOV, WA	We have no further comments in relation to this project. The most recent changes are understandable and seem sensible.	Thank you for your feedback and support for the revised components.
Industry, QLD	Sounds like what we agreed to. I am happy with the amendments, hope they are!	Thank you for your feedback and participation in the consultation process.
Industry, NSW	<p>I am not sure that we need to split the two packages out as the two are very closely linked.</p> <p>The design of a green facade is very much linked to the knowledge of how to build a green facade and I don't think there is enough meat in the design element of a green facade to warrant a separate level of study.</p> <p>The design of a more complex green roof is the domain of a Landscape Architect or Landscape Designer and courses already exist for this.</p> <p>The skills gap is in the installation and maintenance of Living Infrastructure elements and not in the design of them.</p>	<p>Thank you for your feedback.</p> <p>A proposal to structure the components as design and install was considered by the SMEs however it was decided to keep the existing separate structure of design, construct and maintain as individuals may only undertake one area of learning.</p> <p>Throughout the project, SMEs have stressed the requirement that design of roof gardens, as well as vertical gardens and green facades needs to be undertaken in consultation with relevant and qualified professionals including landscape designers, architects and engineers and this is reflected in the units of competency.</p>
Industry, VIC	<p>I am very concerned at the continual division that is happening in horticultural qualifications.</p> <p>The first thing we are is horticulturists we can the move into other branches of that trade, production, nursery, landscaping, gardening etc.</p> <p>The current roof top and green walls program is evidence of this again. The design elements are the same as other landscape design, the planting and maintenance again are similar to other units in horticulture. We need to stop diluting the industry and bring it together not further divide it.</p>	<p>Thank you for your feedback.</p> <p>SMEs identified that many components of design, planting and maintenance of green infrastructure are similar to 'on ground' landscape design and construction and horticulture work, and the units and skills sets would enable upskilling in the particular issues of green infrastructure. Once endorsed and added to the National Register, the units of competency will be able to be accessed and used as electives in a range of existing horticultural, landscape and other qualifications.</p>
Industry, VIC	Thank you for the opportunity to comment on this. I understand that this is the last day for submissions to the draft units.	<p>Thank you for your feedback.</p> <p>It is most helpful in reinforcing some of the issues that have been raised by SMEs throughout the project.</p>

**Stakeholder Comments and Identified Issues**

We have designed many rooftop gardens and it seems that the same hurdles and sticking points continue time and time again.

**Loading and engineering**

One of the biggest issues that we need to work through on a project is the loading. Understanding the difference, and application of dead and live loads is critical.

We have taken on many rooftop garden design projects where the clients have paid for a design with another individual but there was no chance of that design working from the outset given the lack of understanding when it comes to loading.

Many of the projects that we work on have already been determined for engineering...that is architects have next to no understanding of what is required for soil and plant weights. We have worked on projects where the architect has promised the client a rooftop garden, and we have come in too late to the project to consult on the loading and engineering required for the outcome that the architect/client is seeking. Often the costs for redesign and then factoring in greater loading is a costly exercise that throws the project into disarray.

Gaining an understanding of how the load - of planter boxes- can be spread beneath a poly pad system would also be helpful. This can become quite technical but can be done.

**Balustrade compliance on rooftops**

An understanding of the implications of balustrade heights as well is really important. Often planter boxes are used in front of balustrades or as a balustrade replacement. Again, we have come in on projects to create band aids to projects where balustrade compliance has not been met.

**Planting design for rooftop gardens**

**Consideration and Proposed Resolution**

Consultation with qualified professionals, including engineers, construction landscape and horticulture professionals in designing green infrastructure has been strongly emphasised as a requirement by the SMEs in the development of the components.

Knowledge evidence of risks associated with design and construction of green infrastructure, as well as professional practice requirements and role limitations and boundaries has been added to design and construct units.

Stakeholder Comments and Identified Issues	Consideration and Proposed Resolution	
	<p>The other issue, which I see has been addressed in the feedback already received, is an understanding of plant species that work on rooftops. Time and time again we do remedial consulting work to replace plant species that are inappropriate. Wind tolerance is more important than drought tolerance if an irrigation system is to be used. There are also some plant species that will perform obligingly in far less depth of soil than other species- these are important to use when the loading is very limited and successful planting is still key.</p>	
RTO, VIC	<p>I have looked at the overview of comments and adjustments made to the Units and I agree that it would be much more appropriate to split both the <i>AHCGRI501 Design roof gardens, vertical gardens and green facades</i> into 2 units and also <i>AHCGRI401 Construct roof gardens, vertical gardens and green facades</i> into 2 units. This will provide more opportunity for a comprehensive training delivery strategy which will further strengthen outcomes for students.</p> <p>I think that by keeping the descriptors and target groups to provide targeted advice for RTO is particularly good as it will help RTO's in identifying students outcomes and hence assisting with advice to prospective students who wish to undertake the Units.</p>	Thank you for your feedback and support for the revised components.
RTO, NSW	I had a quick look at these units and I am happy with what has been written.	Thank you for your feedback and support for the revised components.
Individual, VIC	<p>Thank you for the opportunity to comment on the new skill sets and units of competency for roof gardens, walls and facades.</p> <p>I have looked at the amended documentation and note the changes made compared to the previous draft. I believe the amendments to the skills sets and units of competency make sense and are an improvement on the previous draft. The amendments have helped to simplify text and ensure the content is useful.</p>	Thank you for your feedback and for your support of the revised components and improvements made.

**Stakeholder Comments and Identified Issues**

**Consideration and Proposed Resolution**

These courses will be highly beneficial to improving the currently non-existent training of future practitioners and more broadly and importantly improving outcomes for on-building greening.

Thank you for taking the time to listen to feedback and make changes to develop some robust and sorely needed skill sets. These are essential to the success of on building greening in Australia and I want to thank you for all the effort you and the team have put into developing these.

## Summary of feedback on draft Skill Sets

### AHCSS00114 Design Roof Gardens, Vertical Gardens and Green Facades Skill Set

Stakeholder Comments and Identified Issues	Consideration and Proposed Resolution
<p>Industry, QLD</p> <p>Title: Suggest changing name from Roof Gardens to Green Roofs. Reason being is that there are great differences between green roof systems and roof gardens are only one of them being more complex to build and maintain. Green roof systems depending on their system build up and requirements can be extensive, semi-extensive and intensive (i.e. roof gardens) green roof types.</p> <p>Description: "...skills required to design roof gardens..." suggest change to – “green roofs” or “green roof systems”</p> <p>".characteristics of green infrastructure..." - Is the aim of the module to understand green roofs, green and vertical walls only or to put them in perspective and holistic approach as well as one of techniques used as a part of the green infrastructure system? If so this is much more comprehensive topic entailing not only green roofs / walls but the whole suite of techniques and tools which are understood under green infrastructure.</p> <p>Note: landscape and building professionals.</p> <p>...green roof, vertical walls and green facade infrastructure</p> <p>Skill set requirement - Module component - 4. Develop specifications for the design - will need to be adapted to accommodate very specific planting selection and planting techniques (incl. plant staking and guying) as well as irrigation system requirement.</p>	<p>Thank you for your feedback.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined roof gardens to be the agreed terminology.</p> <p>As above.</p> <p>The aim of the skill set and units of competency within the competency-based VET skills framework is to develop both knowledge and skills, and apply that knowledge and those skills, in this case to designing roof gardens, vertical gardens and green facades. Wording in the description has been amended to acknowledge feedback that ‘green infrastructure’ may be more extensively interpreted although it has been the agreed terminology.</p> <p>“It includes applying knowledge of the functions, benefits and characteristics of roof gardens, vertical gardens and green walls ...to designs...” etc.</p> <p>Adopted, application wording amended to include “...building, landscape and horticultural professionals”.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined roof gardens, as well as vertical gardens and green facades to be the agreed terminology.</p> <p>Unit of competency <i>AHCPCM504 Design specialised landscape</i> included in the skill set is an existing unit of competency in the national framework. RTOs using the unit within the context of the skill set would contextualise the unit, with the other AHCGRI specific units in their training and assessment to be specific to the requirements for roof gardens, vertical gardens and green facades. Both new AHCGRI design units in the skill set</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>Target Group: As previously mentioned term green infrastructure relates to a broader concept beyond green roofs/walls. In this case it is about setting up the parameters around green roof / wall definitions and module outputs in the end. Who is the target group to attend the module? It is a network of nominated professionals. But these which are not to work in isolation (this is where I struggle to formulate the wording).</p>	<p>include documenting, in consultation with specialists, specifications for designs, specific to roof gardens, vertical gardens and green facades.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined 'green infrastructure' to be the agreed terminology. However, wording of 'green infrastructure' has been removed to specifically target the skill set to roof gardens, vertical gardens and green facades design.</p> <p>SMEs have determined that the skill sets and units of competency are intended to upskill individuals in the specialisation or roof gardens, vertical gardens and green facades, although acknowledge those individuals could be from a very broad range of backgrounds in relation to their experience, qualifications and experience. The units within the skill set are specific in requirements to consult with nominated professionals.</p>

### AHCSS00115 Construct Roof Gardens, Vertical Gardens and Green Facades Skill Set

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Industry, VIC	<p>The section of the course that covers Site set out etc should also capture a preliminary focus on Planning works &amp; Logistics.</p>	<p>Thank you for your feedback.</p> <p>Units of competency <i>AHCGRI401 Construct roof gardens</i> and <i>AHCGRI402 Construct vertical gardens and green facades</i> in this Skill Set both contain performance criteria in relation to planning construction work and logistics of construction such as completion of JSEA, job prioritisation and sequencing, planning site access for receipt and location of materials and construction equipment on site in consultation with appropriate persons. Knowledge evidence requires knowledge of site management and materials handling and storage. Performance evidence also requires planning the construction processes to sequence the construction works including to ensure minimum disruption to residents and/or the community.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Industry, QLD	<p>Title: Suggest renaming to Green Roofs or Green roof System based on the complexity of the green roof system. Also in definitions to make clear differences between green wall and green facade.</p> <p>Description: Green infrastructure concept entails much more than just green roofs/ walls. Might be better to limit terminology to green roofs / walls.</p>	<p>Thank you for your feedback.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined roof gardens to be the agreed terminology.</p> <p>In acknowledging feedback that green infrastructure may have more extensive interpretations, the description, target group and suggested wording for the statement of attainment has been amended to remove “green infrastructure” and specify agreed terminology of “roof gardens, vertical gardens and green facades”.</p>

### AHCSS00116 Maintain Roof Gardens, Vertical Gardens and Green Facades Skill Set

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Industry, QLD	<p>Title &amp; description &amp; pathways information: Suggest renaming to Maintain green roofs, green walls and green facades.</p> <p>Roof gardens are the most complex green roof systems and just one of the system build-ups. Just saying roof gardens would be misleading and confusing to broader audience.</p>	<p>Thank you for your feedback.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined roof gardens to be the agreed terminology.</p> <p>Description in skill set specifies maintenance of green infrastructure specific to “....roof gardens, vertical gardens and green facades”.</p>

## Summary of feedback on new Units of Competency

### AHCGRI501 Design roof gardens

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Industry, VIC	<p>I have had a read through. A couple of things. Sensors – what type – moisture sensors do not work. Only use flow alarmed irrigation controller. Sensor is not the right word.</p>	<p>Thank you for your feedback.</p> <p>Adopted: Reference to sensors and BMI systems has been removed from the knowledge evidence in units <i>AHCGRI501 Design roof gardens</i>, <i>AHCGRI502 Design vertical gardens and green facades</i>, and ‘install sensor equipment’ has been removed from performance criteria of unit <i>AHCGRI402 Construct vertical gardens and green facades</i>.</p>
RTO, VIC	<p>Support for the splitting of <i>AHCGRI501 Design roof gardens, vertical gardens and green facades</i> into <i>AHCGRI501 Design rooftop gardens</i> and <i>AHCGRI502 Design vertical gardens and green facades</i>, changes to the Performance Evidence requirements and the addition of licensing information to the Application section for each unit.</p>	<p>Thank you for your feedback and support for the revised components.</p>
Industry, NAT	<p>KE bullet point "sensor equipment and integration with Building Information Management (BIM) systems" Can we remove this line as I would assume that sensors, technology etc would be covered in the above mentioned points. Also this role may be undertaken by an independent professional</p>	<p>Thank you for your feedback.</p> <p>Adopted: Reference to sensors and BMI systems has been removed from the knowledge evidence in units <i>AHCGRI501 Design roof gardens</i>, <i>AHCGRI502 Design vertical gardens and green facades</i>, and ‘install sensor equipment’ has been removed from performance criteria of unit <i>AHCGRI402 Construct vertical gardens and green facades</i>.</p>
RTO, QLD	<p>Responding to comment above This is only the knowledge section, so I’m assuming the student needs to have awareness this technology exists and what it entails. Only one component of many here.</p>	
Industry, QLD	<p>Suggest renaming to Green Roof Design as there are differences in extensive and intensive green roof design requirements and desired outcomes. Roof garden are more complex type of green roof systems.</p> <p>APP: include landscape architects</p>	<p>Thank you for your suggestions and feedback.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined roof gardens to be the agreed terminology.</p> <p>Application “...building and landscape design professionals” can include engineers, as well as building and/or landscape architects.</p>

**Stakeholder Comments and Identified Issues**

**Consideration and Proposed Resolution**

APP: "It includes incorporating the principles, benefits and risks associated with roof gardens into designs that meet client requirements and comply with applicable building and relevant authorities' regulations and guidelines." I believe the content of the module is actually about selecting the appropriate green roof type including green roof components based on structural limitations, green roof benefits, risk assessments and management principles and translating these into design to meet clients expectations and requirements.

APP: 2nd paragraph "research information"  
Suggest replacing researched information with guidelines principles for existing and/or new green roofs.  
Just saying researched information is open to interpretation. If this terminology is used then it needs to be narrowed down to research on specifics of the climate where green roof is to be designed/installed including local provenance, adaptation of growing medium to support the planting and calculations on hydraulics of the roof with climate (wet and dry periods) in mind.

APP: 3rd paragraph "using their own judgment"  
There are so many things that can go wrong with green roof if not design and installed properly. Just saying the unit is suitable for individuals using their own judgment will not shield the business (design or construction) from insurance claims or losing their license in case of a failure. Certainly not from structural or waterproofing issues.  
I would assume the module should equip its participants with, at the least, knowledge on basic design principles, where to find relevant information on best practice tools. Designing a green roof is a collaborative effort and has to be done based on research and analysis not by own judgment.

Application amended to "It includes the selection of roof garden components based on structural limitations and/or opportunities and the application of the knowledge of the benefits and risks associated with roof gardens into designs that meet client requirements and comply with applicable building and relevant authorities' regulations and guidelines".

Amended to: "The unit applies to individuals with existing horticultural, landscaping, landscape design and/or construction experience, who research information about roof garden principles and guidelines and consult with green infrastructure and/or building and landscape design specialists to design roof gardens for existing and/or new buildings".

This statement per the Skills Impact Guidelines indicates a link to an AQF level.  
Amended to: "This unit of competency is suitable for individuals dealing with predictable and unpredictable problems and deciding on solutions to a range of complex problems during the design process through research, analysis and consultation".

Stakeholder Comments and Identified Issues	Consideration and Proposed Resolution
<p>NOTE: green roofs rather than roof gardens</p> <p>Element 1 - Focus should be on green roofs not green infrastructure which is a very broad topic.</p> <p>PC 1.1 Establish constraints and opportunities (structural and climatic) to accommodate client's expectations and requirements.</p> <p>PC2.1 "features and requirements"...to inform design perimeters.</p> <p>PC2.3 "principles" It is structural requirements rather than the principles which will inform the green roof system type, and these are generally confirmed with structural engineer. I.e. we need to know max loading of the supporting structure when the green roof system is in saturated state.</p> <p>PC3.1 depths note: sorry, depths of what?</p> <p>PC3.6 Determine total weight of the system incl. materials when saturated to ensure the total weight complies with parameters provided by the structural engineer.</p> <p>PC3.8 roof garden ....green roof type and consult with green roof specialists and present to the client.</p> <p>Foundation Skill: "roof garden" suggested replacement "green roof type".</p>	<p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined roof gardens to be the agreed terminology.</p> <p>Although SMEs determined green infrastructure to be the agreed terminology, Element 1 amended to specify "Research roof garden design information".</p> <p>PC 2.4 added "Establish constraints and/or opportunities for meeting client expectations and requirements, and clarify design scope with client" as Element 2 is about scoping the design requirements in the context of the site analysis.</p> <p>2.1 Amended to "Consult with client to clarify type, purpose, features and requirements of roof garden to inform design parameters".</p> <p>Adopted: Amended to "confirm structural requirements".</p> <p>Removed.</p> <p>SMEs advised use of "water" rather than "saturated" covers all types of water storage and additional liquid weight (previous feedback included need to include water weight from irrigation/drainage/storage, as well as the saturation). PC not changed.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined roof gardens to be the agreed terminology.</p> <p>As above. No change.</p>

**Stakeholder Comments and Identified Issues**

**Consideration and Proposed Resolution**

PE: Green roof.  
Not convinced that 4 sq m design is sufficient to allow any practitioner to take on more than a shed sized project for even the shallowest and the least weighing green roof systems. EU and USA approach is to allow / sell DIY kits for 10 sq m size garage type structures. Kit does not include planting materials. These are sold online but the owner of the structure needs to make sure that the structural loading and waterproofing is compliant. It falls under client's liability. The supplier and/or the consultants is taking no responsibility for whatever is happening below waterproofing layer.

Happy to discuss this further. As a landscape architect and a green roof practitioner, I personally would be very worried about credibility and competency of an individual who had passed the module competency unit based on 4 sqm for anything more than that.

KE bullet 1: green infrastructure design Propose to use green roof design.  
This applies to all below references.

bullet 8: Planting section is missing

bullet 10: These are types not properties of green roofs.  
There are two basic types being extensive and intensive (terminology does not reflect extend of maintenance both rather the complexity of the green roof system).

No change to 'roof garden' as above.

Following numerous discussions throughout the project with SMEs and RTOs who will deliver the training, it was agreed a minimum of 4 square meters to be sufficient to enable the application/demonstration of the skills and knowledge of the elements and performance criteria of the unit.

Although green infrastructure was terminology agreed to be SMEs as industry terminology, bullet point amended to specifically "roof garden design".

Plant selection is to be conducted in consultation with a growing media and/or horticulture specialist with advice sought from these experts. PC 3.4 "Consult growing media and/or horticulture specialist on selection of media and plants based on the location conditions and maintenance requirements".  
Bullet point 9 of KE "characteristics, properties and limitations of plants used for roof gardens".

Bullet point amended to "properties of types of green roofs".

## AHCGRI502 Design vertical gardens and green facades

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Industry, VIC	<p>I have had a read through. A couple of things: Vertical Gardens/Green Facades – should review sun-shade modelling at winter, summer solstice and equinox at 9am, 12 noon and 3pm for plant design.</p> <p>Sensors – what type – moisture sensors do not work. Only use flow alarmed irrigation controller. Sensor is not the right word.</p>	<p>Thank you for your feedback.</p> <p><i>AHCGRI502 Design vertical gardens and green facades</i> includes researching green infrastructure design information and performance criteria that would enable sun-shade modelling for plant design including:</p> <p>PC1.4 “Identify factors that will impact vertical gardens and green facade designs”.</p> <p>PC2.2 “Identify project location and complete site analysis”.</p> <p>PC4.3 “Consult growing media and/or horticulture specialist to determine media characteristics and functionality, and select plants based on location conditions and maintenance requirements”.</p> <p>Knowledge evidence of:</p> <ul style="list-style-type: none"> <li>• “site analysis, including: <ul style="list-style-type: none"> <li>• climatic factors of wind, temperature, solar radiation, rainfall and irrigation</li> </ul> </li> <li>• characteristics, properties and limitations of plants used for green infrastructure.”</li> </ul> <p>As above, reference to sensors and BMI systems has been removed from the knowledge evidence in units <i>AHCGRI501 Design roof gardens</i>, <i>AHCGRI502 Design vertical gardens and green facades</i>, and ‘install sensor equipment’ has been removed from performance criteria (PC3.6) of unit <i>AHCGRI402 Construct vertical gardens and green facades</i>.</p>
RTO, VIC	<p>Support for the splitting of <i>AHCGRI501 Design roof gardens, vertical gardens and green facades</i> into <i>AHCGRI501 Design rooftop gardens</i> and <i>AHCGRI502 Design vertical gardens and green facades</i>, changes to the Performance Evidence requirements and the addition of licensing information to the Application section for each unit.</p>	<p>Thank you for your feedback and support for the revised components.</p>
Industry, QLD	<p>title: Suggest to use generic term green walls.</p> <p>Note near application: as above.</p>	<p>Thank you for your suggestion and feedback.</p> <p>Following numerous discussions throughout the project about the wide range of industry terminology, SMEs determined vertical gardens to be the agreed terminology.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	APP 3rd paragraph: As per the comments for green roof design equipping course participants with nothing more than own judgment statement is not satisfactory. If this is the benchmark businesses will soon be without the business.	<p>This statement, per the Skills Impact guidelines is intended to indicate a link to an AQF level.</p> <p>Wording amended to: "This unit of competency is suitable for individuals dealing with predictable and unpredictable problems and deciding on solutions to a range of complex problems during the design process through research, analysis and consultation".</p> <p>Note: wording also amended in 'construct' units.</p>

### AHCGRI401 Construct roof gardens

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, VIC	Support for the splitting of a very large unit <i>AHCGRI401 Construct roof gardens, vertical gardens and green facades</i> into two smaller units, <i>AHCGRI401 Construct roof gardens</i> and <i>AHCGRI402 Construct vertical gardens and green facades</i> , changes to the Performance Evidence requirements and the addition of licensing information in the Application section for each unit.	Thank you for your feedback and support for the revised components.

### AHCGRI402 Construct vertical gardens and green facades

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, VIC	Support for the splitting of a very large unit <i>AHCGRI401 Construct roof gardens, vertical gardens and green facades</i> into two smaller units, <i>AHCGRI401 Construct roof gardens</i> and <i>AHCGRI402 Construct vertical gardens and green facades</i> , changes to the Performance Evidence requirements and the addition of licensing information in the Application section for each unit.	Thank you for your feedback and support for the revised components.
Industry, NAT	AHCGRI402 - element 4 says "roof garden" needs to be changed	Thank you for identifying this error. It has been changed.

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, QLD	Agree wrong wording (per comment above)	

AHCGRI301 Maintain roof gardens, vertical gardens and green facades

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, VIC	No issues with the changes made to the licensing information in the unit Application section and items of Performance Evidence and Knowledge Evidence	Thank you for your feedback and support for the unit revisions.