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REGIONAL DIPLOMA IN RESILIENCE LEVEL 6



SPREP
Secretariat of the Pacific Regional
Environment Programme



PACIFIC ISLANDS
FORUM SECRETARIAT



Pacific
Community
Communauté
du Pacifique



USP
THE UNIVERSITY OF THE
SOUTH PACIFIC

INTRODUCTION

The Regional Diploma in Resilience at Level 6 is one of four regional qualifications designed to create a pathway for resilience professionals to develop and enhance their skills and knowledge in the sector.

These qualifications set a benchmark for climate change adaptation and disaster risk reduction throughout the Pacific. It is hoped that by introducing this standard on a regional level, it will be possible for countries and territories throughout the region to build their capability and capacity to minimise the risks associated with climate change and disasters.

This Diploma is the final of four. It is intended for those who need to develop specialised skills and knowledge to act as competent change agents in their communities, and participate in the coordination and support of all aspects of resilience projects.

Upon completion, graduates will be able to provide leadership in adapting to climate change preparing for disaster events by preparing, supporting, and monitoring the implementation of projects. Graduates may choose to move onto degree level study and further learning if they wish to continue advancing their skills.

This document contains three sections:

- Firstly, the **qualification** itself. This details the skills and knowledge expected of graduates, as well as explains the purpose, scope and general requirements for entry, delivery and completion of the qualification.
- Secondly, the **unit standards**. These break down the graduate outcomes into modular descriptions of competence. To graduate from the qualification, it is expected that trainees are assessed on and demonstrate the skills and knowledge included in each unit standard.
- Thirdly, **assessor guides**. These provide a suggested structure for assessing the qualifications, detailing the type of evidence that might be expected to demonstrate the competence detailed in the unit standards. While the assessor guides are not compulsory for delivery, they are included as a guide and model for structuring assessment.

These qualifications could not have been developed without the involvement and contributions of a large and varied group of experts from institutions across the Pacific. Resilience experts, education providers, tutors, professors, government agencies, qualification authorities, and independent researchers have all collaborated to create these qualifications.

Thank you to those involved for taking the time to offer their knowledge and experience. It has shaped these qualifications into the Pacific benchmarks they are today.

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REGIONAL DIPLOMA IN RESILIENCE LEVEL 6

Diploma in Resilience Level 6

(Climate Change Adaptation & Disaster Risk Reduction/CCA & DRR)

*The Diploma Level 6 in Resilience is aimed at those who may already be working in a field related to Resilience (CCA & DRR), or those with relevant work experience who wish to pursue a career in Resilience. Learners at this level must elect to study in one of the following fields: **Agriculture, Coastal Management, Fisheries, Forestry, Water Resources, Health, Tourism, Energy & Infrastructure, and Human Settlements.***

	Compulsory Unit Standards
Level 5 credits	0
Level 6 credits	140
Minimum totals	140

Credit Value

One credit is equivalent to ten notional learning hours. Notional learning hours include: direct contact time with teachers and trainers (directed learning), time spent in studying, doing assignments, and undertaking practical tasks (self-directed/work related), time spent in assessment.

Purpose of the Resilience Diploma Level 6

The Pacific island states are particularly vulnerable to the adverse effects of climate change. People living in the many island countries are already suffering from extreme weather events such as cyclones, droughts, heavy rainfall and floods, and their effects, for example coastal erosion and – especially on the atolls – water shortages. The predicted rise in sea levels, altered precipitation patterns, higher temperatures and acidification of the ocean will exacerbate these risks in the coming decades. These jeopardise the livelihoods of the people, most of whom are engaged in agriculture, forestry and fishing and are thus dependent on natural resources.

The purpose of the diploma level qualifications is to provide the Pacific community with graduates who can apply specialized skills as change agents in their communities in accordance with governmental frameworks. This is to ensure the implementation of appropriate regional and national adaptation and mitigation responses to climate change and disaster risk faced by the Pacific island countries at operational and institutional level.

This qualification also aims to provide people employed in, or who want to enter, the resilience sector with advanced specialist knowledge and skills to engage as competent change agents and employees.

Graduates would be competent to undertake roles at an experienced level such as project officer, climate change technician, data entry technician, MEL officer, community engagement officer, research technician, project development officer, town & country planning officer, policy officer.

Target learners are expected to have experience in the field of Resilience, either through the completion of the Diploma 5 in Resilience or through equivalent work/volunteer experience.

Learners will benefit by having a qualification which recognizes their advanced knowledge of governmental frameworks, their implications and specialization in climate change adaptation and disaster risk reduction. Learners will also have advanced technical and specialized knowledge in climate change adaptation and disaster risk reduction. The increased breadth and depth of learners' knowledge and skills will allow them to operate in adaptation projects which are subject to change formulating their own solutions to problems as they arise.

Organisations and the Pacific community will benefit by having people who can provide leadership in adapting to climate change preparing for disaster events by preparing, supporting, and monitoring the implementation of projects.

Graduates will be working in specialist and management roles to achieve organisational and governmental goals specific to CCA/DRR frameworks for their country.

Scope of Qualification

The Diploma in Resilience is practical in its application to train people in becoming specialized change agents for CCA/DRR. The qualification offers strands in the following elective fields: Agriculture, Coastal Management, Fisheries, Forestry, Water Resources, Health, Tourism, Energy & Infrastructure, and Human Settlements.

All outcomes for this Diploma must be delivered so as to incorporate:

- **Workplace Health and Safety knowledge:**
 - Accessing and interpreting health and safety legislation and regulations that apply in the learner's locality.
 - Undertaking practical activities in a way that avoids harm to people and damage to property, environment, materials, tools, and equipment.
 - Recognizing that workplace health and safety includes personal safety, and may include responsibilities for the safety of others, safety planning, and safety in design.
- **Community needs:**
 - Recognizing that CCA and DRR projects are based in particular communities and input from the affected communities is a vital consideration in the success of projects.

Flexibility, and Recognition of Prior Learning, and Recognition of Current Competence

This qualification can be achieved in different settings including the community, workplace, and education institutions. Learners can achieve competence in ways most suited to their educational, work, or cultural needs and aspirations.

Recognition of Prior Learning (RPL) and recognition of Current Competence (RCC) acknowledges the skills and knowledge gained from workplace, community experiences or informal training which includes courses or study previously undertaken. Assessment for RPL or RCC must be undertaken by a qualified assessor.

Entry level/pre-requisites

Entry to the Diploma level 6 qualification requires completion of Diploma in Resilience Level 5.

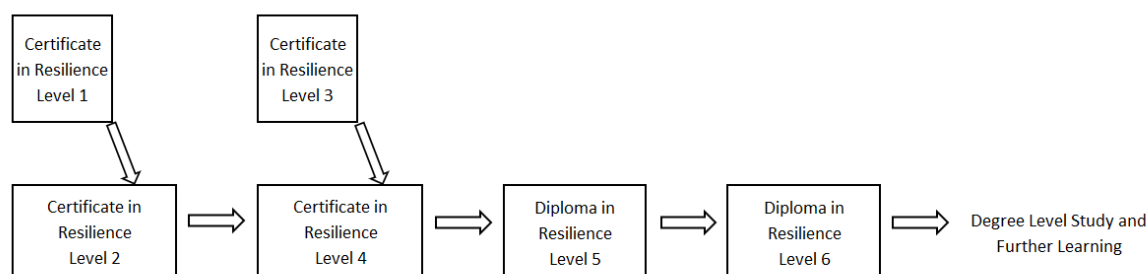
Credit Transfer Arrangements

The Pacific Qualification Framework allows for credit recognition and transfer from other regional or national qualifications through a process of mutual recognition. Credit transfer is a process whereby credits already achieved for one qualification are recognized towards a new qualification.

Pathways

On completion of the qualification graduates can progress to further learning in Resilience or other industry areas which provide the opportunity to gain higher level technical skills and knowledge and contribute to the workforce.

REGIONAL RESILIENCE EDUCATION PATHWAY



Graduate Profile

A graduate of the diploma is able to: demonstrate self-directed application of theoretical and/or technical skills in a field of work or study related to Resilience, develop solutions to unfamiliar problems, and apply a range of non-standard processes relevant to the field of work or study, apply a range of communication skills

relevant to the field of work or study, demonstrate the self-management of learning and performance under broad guidance, and demonstrate responsibility for the performance of others.

Graduate Outcomes

Graduates of the Diploma Level 6 in Resilience will be able to:

- Apply a range of simple prioritization tools in a resilience context.
- Analyse national adaptation plan processes and development planning in a resilience context.
- Link climate change adaptation and disaster risk reduction work to the Sustainable Development Goals.
- Access climate and disaster risk reduction finance for resilience projects.
- Review resilience projects through the application of monitoring, evaluation, and learning processes.
- Apply resilience skills to projects in a specific sector.
- Prepare proposals for resilience projects.
- Support resilience work by leading aspects of resilience projects.

These graduate outcomes are aligned to Level 6 of the Pacific Qualifications Framework.

Requirements: A Diploma 6 in Resilience comprises 8 compulsory Unit Standards and 1 elective Unit Standard

8 Compulsory Core Skills Units

<i>ID</i>	<i>Unit Title</i>	<i>PQF Level</i>	<i>PQF Credit</i>
CR600A-A	Apply knowledge of cost effectiveness analysis for resilience projects	6	10
CR600A-B	Apply knowledge of cost benefit analysis for resilience projects	6	10
CR600B	Analyse the integration of climate change adaptation and DRR into development planning for a Pacific Island Country or Territory	6	10
CR600C	Identify entry points for Resilience in the Sustainable Development Goals	6	10
CR600D	Prepare a climate change and disaster risk reduction concept paper	6	10
CR600E	Prepare a proposal for a resilience project	6	30
CR600F	Apply monitoring, evaluation, and learning to a resilience project	6	10
CR600G	Lead a small team to support a resilience project	6	10

PLUS

1 Elective Core Skills Unit from the following:

<i>ID</i>	<i>Unit Title</i>	<i>PQF Level</i>	<i>PQF Credit</i>
CR600H-Ag	Analyse resilience projects in an agriculture context	6	40
CR600H-CM	Analyse resilience projects in a coastal management context	6	40
CR600H-Fi	Analyse resilience projects in a fisheries context	6	40
CR600H-Fo	Analyse resilience projects in a forestry context	6	40
CR600H-WR	Analyse resilience projects in a water resources context	6	40
CR600H-EI	Analyse resilience projects in an energy and infrastructure context	6	40
CR600H-He	Analyse resilience projects in health context	6	40
CR600H-To	Analyse resilience projects in a tourism context	6	40
CR600H-HS	Analyse resilience projects in a human settlements context	6	40

Regional Registration Information

Provider Arrangements

Accredited providers/assessors need to apply to the regional accrediting agency (EQAP) to deliver this qualification. In addition, if the Pacific Island Country or Territory hosting delivery has national quality and/or registration requirements the provider must comply with the national application processes.

Version

This is the first version of the Diploma Level 6 in Resilience. This qualification and the unit standards were endorsed by a representative group of industry and educational specialists. Endorsement was also obtained through wider consultation using virtual methods.

Teacher to Learner Ratio for Qualification Delivery

The qualification has been developed with inherent flexibility so that it can be delivered in any of the Pacific Island Countries or Territories. Optimum ratio of teachers to learners will depend on the training provider, the country or territory in which it is delivered, and the mode of delivery.

To ensure consistency in delivery, a maximum teacher to learner ratio of 1:30 is required, with a preferred teacher to learner ratio being 1:20.

Completion

Satisfactory completion of all evidence requirements in the learning outcomes of all eight compulsory units standards and of one of the elective unit standards is required for completion of the qualification. Learners must be deemed 100% competent by the assessors during the assessment of the unit standards of this qualification.

Certification & Award

This qualification will be awarded by the training provider who provides the learning and assessment. It may also be awarded by a Pacific island national accrediting agency and/or an accredited training organisation.

The provider shall include a statement that makes reference to their accreditation on the Pacific Qualifications Framework on behalf of the Pacific Community.

The award shall include a statement that the qualification has been accredited at level 6 on the framework, by the Pacific Board for Educational Quality. Where delivery has been contextualised to a specific island nation award will include a statement that the awarded qualification is equivalent or comparable to a similar qualification at level 6 on the framework, by the Pacific Board for Educational Quality.

Quality Assurance

Review of the qualification before the end of its accreditation period.

Qualifications are accredited for a period of 5 years after which they are to be reviewed. SPC as custodian of the qualification will initiate the review and ensure its successful completion. Stakeholders who may or may not have been involved in the development and approval may be appointed to be involved in the review. This process is important to ensure that any changes in the industry that may have taken place in the 5 years are considered and if necessary, the content of the qualification is revised to accommodate the changes to ensure the qualifications is still relevant and current.

Review initiated by the industry

The review of a qualification may also be initiated by the industry. This can happen if a drastic change has taken place in the industry where the content of the course is no longer relevant and needs to be changed. This can happen in very dynamic industries where changes in technology and industry practices are constantly changing. SPC will be approached by industry representatives for the process to be undertaken.

Outcome of the Evaluation of delivery and validation of assessment of a regional qualification

The evaluation of delivery and validation of assessment of a regional qualification is a process outlined in the 'Toolkit for Delivery of Regional Qualifications'. This is a SPC publication developed specifically for institutions interested in delivering the qualification. Institutions will apply to EQAP for approval to deliver the qualification and once the approval is granted the institution can go ahead and deliver the qualification. A requirement that the institution must comply with is that it should have its internal process for evaluating the delivery of the qualification. Usually the end of course/training evaluation is carried out at the end of the course delivery and the feedback is collated and recorded.

EQAP will appoint external evaluators and validators to verify the processes have been undertaken and to submit a report to EQAP. The report may contain information that can lead to the review of the qualification. This may happen if the report indicates that the content of the course is outdated, is not current and is not aligned to the industry.

Assessors

Assessors assessing against regional unit standards must comply with the Pacific Quality Assurance Framework (PQAF) and relevant national quality assurance standards.

Review

Regional qualifications exist to meet the needs of learners and the broader Pacific community and economy. All qualifications need to be reviewed periodically to ensure they remain useful, relevant, and fit for purpose. Qualifications in sectors where there is rapid change such as Resilience (CCA & DRR) may need to be reviewed more frequently than those sectors where the pace of change is slower.

Reviews for the qualifications in Resilience will focus on ensuring relevance and appropriateness in a regional and national context. The next qualification review will be undertaken in or before its fourth year of accreditation. The review process will be initiated by the owners of the Resilience qualifications. Experts from the resilience industry and training organisations will be invited to participate in the review. The feedback from experts will form the basis of the review.

This table indicates the date of accreditation to be noted in the review process.

Accrediting Agency	Version	Review Date
Education Quality and Assessment Programme (The Pacific Community)	1	15/06/2022

Qualification Developer

This qualification was developed by the Pacific Community to EQAP.

Pacific Regional Qualifications Unit

Educational Quality and Assessment Programme
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Glossary of Terms

Term	Meaning
Behaviour	Behaviour refers to: <ul style="list-style-type: none"> • for professional: attitudes, qualities and behaviours; • for ethical: widely accepted standards relating to compliance with the law, being honest in dealings, and showing respect for individuals, contracts, societal standards and institutions; • for socially: environmental, community and sustainability expectations; • for culturally: interpretations wider than just ethnicity.
CCA	Climate Change Adaptation
DRR	Disaster Risk Reduction
EQAP	Educational Quality and Assessment Programme
MEL	Monitoring, Evaluation, and Learning
NAP	National Adaptation Plan
PICT	Pacific Island Country or Territory
PQAF	Pacific Quality Assurance Framework
PQF	Pacific Qualifications Framework
Project outcome	Project outcome is used informally to represent a group of related objectives. It does not necessarily imply a formal Project Management methodology or use of formal Project Management tools and techniques.
RCC	Recognition of Current Competence
RPL	Recognition of Prior Learning
SPC	Pacific Community
Sustainability	Sustainability includes economic, social, environmental sustainability.
Team	A team is any temporary or permanent group of at least three people with a shared purpose or objective. For this unit standard, the team does not require formal structures or reporting processes.
Workplace	Workplace means any environment where work related to resilience takes place. It may be an indoor or outdoor space, and may include employer facilities, community environments, or simulated environments at training establishments.

UNIT STANDARDS

Title	Apply knowledge of cost effectiveness analysis for resilience projects				
Code	CR600A-A	Level	6	Credits	10

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of prioritisation tools through the use of cost effectiveness analysis for resilience. It is intended for those who need to be able to apply a cost effectiveness analysis to decide amongst options for improving resilience in a community.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – demonstrate knowledge of cost effectiveness analysis for resilience projects; and – apply knowledge of cost effectiveness analysis for resilience projects.
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Classification	Core
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of cost effectiveness analysis for resilience projects.

Performance criteria

- 1.1 The key features of a cost effectiveness analysis are explained.
- 1.2 The information required for conducting a cost effectiveness analysis are discussed.
- 1.3 The key considerations for conducting a cost effectiveness analysis are explained.

Range may include but is not limited to – unintended differences in output quality of alternative options, non-cash opportunity costs, external costs.

Outcome 2

Apply knowledge of cost effectiveness analysis for resilience projects.

Performance criteria

- 2.1 Project objective is analysed to identify possible options.
- 2.2 Selected options are analysed to identify the items that carry quantifiable costs.
- 2.3 Costs of identified items are quantified and calculated.
- 2.4 Preferred option is selected and justified based on analysis.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Apply knowledge of cost benefit analysis for resilience projects				
Code	CR600A-B	Level	6	Credits	10

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of prioritisation tools through the use of cost benefit analysis for resilience. It is intended for those who need to be able to apply a cost benefit analysis to decide amongst options for improving resilience in a community.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – demonstrate knowledge of cost benefit analysis for resilience projects; and – apply knowledge of cost benefit analysis for resilience projects.
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Classification	Core
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of cost benefit analysis for resilience projects.

Performance criteria

- 1.1 The key features of a cost benefit analysis are explained.
1.2 The information required for conducting a cost benefit analysis is discussed.

- 1.3 The key limitations of conducting of a cost benefit analysis are explained.
 Range establishing values for impacts that are difficult to quantify, quantifying costs where there are different perceptions of costs of the impacts.

Outcome 2

Apply knowledge of cost benefit analysis for resilience projects.

Performance criteria

- 2.1 Project objective is analysed to identify possible options.
 2.2 Possible options are analysed to determine impacts of options.
 Range impacts include costs and benefits.
 2.3 Options are analysed to quantify the impacts.
 2.4 Preferred option is selected and justified based on analysis.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse the integration of climate change adaptation and disaster risk reduction into development planning for a Pacific Island Country or Territory				
Code	CR600B	Level	6	Credits	10

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of the integration of CCA and DRR into national and sub-national development planning for a Pacific Island Country or Territory, and how this integration could be further improved.</p> <p>Persons credited with this unit standard are able to analyse the integration of climate change adaptation and disaster risk reduction into development planning for a Pacific Island Country or Territory.</p>
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Classification	Core
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse the integration of climate change adaptation and disaster risk reduction into development planning for a Pacific Island Country or Territory.

Performance criteria

- 1.1 Climate change adaptation and disaster risk reduction are analysed in terms of integration into national development planning for a Pacific Island Country or Territory.
Range integration may include but is not limited – policy and priorities, organisational structures and responsibilities, long term and short term objectives.

- 1.2 Climate change adaptation and disaster risk reduction are analysed in terms of integration into sub-national development planning for a Pacific Island Country or Territory.
 Range integration may include but is not limited – local policy and priorities, organisational structures and responsibilities, long term and short term objectives.
- 1.3 Gaps between possible and actual integration of climate change adaptation and disaster risk reduction into development planning are identified and examined to identify opportunities for inclusion.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Identify entry points for Resilience in the Sustainable Development Goals				
Code	CR600C	Level	6	Credits	10

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of the connections between sustainability and resilience. It is intended for people who need understanding of the relevance of the Sustainable Development Goals to the field of resilience. Persons credited with this unit standard will be able to identify opportunities to incorporate the Sustainable Development Goals in the resilience work they participate in.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – explain the Sustainable Development Goals in the context of resilience; and – discuss the linkages of the Sustainable Development Goals to resilience.
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Classification	Core
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Definitions
Sustainability – economic, social, environmental.
- 2 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.
- 3 References
Sustainable Development Goals, available at <https://sdgs.un.org/goals>.

Outcomes and performance criteria

Outcome 1

Explain the Sustainable Development Goals in the context of resilience.

Performance criteria

- 1.1 The Sustainable Development Goals are identified.
- 1.2 Sustainable Development Goals are explained in terms of their purpose.
Range a minimum of 5 Sustainable Development Goals are required.
- 1.3 The targets and indicators of Sustainable Development Goals are explained.
Range a minimum of 5 Sustainable Development Goals are required.
- 1.4 Resilience aspects in the Sustainable Development Goals are discussed.

Outcome 2

Discuss the linkages of the Sustainable Development Goals to resilience.

Performance criteria

- 2.1 The linkages between the Sustainable Development Goals and resilience frameworks are explained.
Range frameworks may include but are not limited to – Framework for Resilient Development in the Pacific, Sendai Framework, Paris Agreement.
- 2.2 Pathways to linking resilience and the Sustainable Development Goals are discussed in the context of a Pacific Island Country or Territory.
Range policy coherence, co-ordinated responses, national and local adaptation planning and implementation, resilience projects working alongside economic development objectives.
- 2.3 Methods of integrating the Sustainable Development Goals into resilience projects are discussed.
Range resilience projects includes climate change adaptation projects and disaster risk reduction projects.
3 Sustainable Development Goals are required.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Prepare a climate change and disaster risk reduction concept paper				
Code	CR600D	Level	6	Credits	10

Purpose	<p>This unit standards covers competency in knowledge and/or skills specific to the field of resilience.</p> <p>Persons credited with this unit standard are able to prepare a concept paper for financing a climate and disaster risk reduction project.</p>
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Classification	Core
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Prepare a concept paper for financing a climate and disaster risk reduction project.

Performance criteria

- 1.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
Range may include but is not limited to – project size, project scope, project aims, project location.
- 1.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 1.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 1.4 Climate and disaster risk reduction finance option is selected.
- 1.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application in accordance with organisational and finance source requirements.
- 1.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Prepare a proposal for a resilience project				
Code	CR600E	Level	6	Credits	30

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills and attitudes of project work by being able to prepare a project proposal. It is intended for those who need to be able to secure funding for the projects they work on and be able to justify for the scope and direction of these projects.</p> <p>In respect of a resilience project persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – prepare a budget for a resilience project; – identify potential sources of funding for the resilience project; and – develop a resilience project proposal.
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Classification	Core
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Critical health and safety prerequisites	All training and assessment activities must be in accordance with health and safety legislation and related regulations of the relevant Pacific Island country.
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.
- 2 Scope
For the purposes of assessment, the scope of project work should be consistent with the level and complexity of work a learner who has newly completed this unit standard is likely to encounter in their daily work.

Outcomes and performance criteria

Outcome 1

Prepare a budget for a resilience project.

Performance criteria

- 1.1 The key tasks and milestones for the project are determined.
- 1.2 Cost and timing of key tasks and milestones is estimated.
- 1.3 – Cost is estimated for possible contingency expenses.
Range may include but not limited to cost increases for materials or labour during the term of the project, cost impacts of milestone dates not being met, costs of regulatory imposts such as taxes and permit fees.
- 1.4 Costs are tabulated to determine magnitude and timing of required funding.
- 1.5 Budget document is prepared in a format appropriate to the project and the expected audience.

Outcome 2

Identify potential sources of funding for the resilience project.

Performance criteria

- 2.1 Potential sources of funding are assessed in terms of their eligibility criteria, application requirements, and funding processes.
- 2.2 Project is analysed to determine alignment with the requirements of possible funding sources.
- 2.3 Potential sources of funding are identified that align with the project.

Outcome 3

Develop a resilience project proposal.

Range may include but not limited to – Cover letter, Executive summary, Need statement, Goals and objectives, Methods, Strategies and designs, Monitoring Evaluation and Learning processes, Information about own organisation, Project budgets and timelines, project management and control.

Performance criteria

- 3.1 Key sections of a project proposal are explained in terms of their purpose.
- 3.2 Key sections of a project proposal are explained in terms of their content.
- 3.3 A proposal is drafted in support of a project.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Apply monitoring, evaluation, and learning to a resilience project				
Code	CR600F	Level	6	Credits	10

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of monitoring, evaluation, and learning in respect of resilience. It is intended for those who need to decide on how best to implement MEL in resilience projects, and to evaluate and extract learning from a project to improve development outcomes.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – decide monitoring objectives for a resilience project; – evaluate performance of a resilience project; and – determine learning from a resilience project.
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Classification	Core
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 **Legislation**
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.
- 2 **Scope**
For the purposes of assessment, the scope of project work should be consistent with the level and complexity of work a learner who has newly completed this unit standard is likely to encounter in their daily work.

Outcomes and performance criteria

Outcome 1

Decide monitoring objectives for a resilience project.

Performance criteria

- 1.1 A resilience project is analysed to identify scope, aims and timeframes.
- 1.2 Performance indicators are defined appropriate to the scope and aims of a resilience project and any organisational/funding requirements.
Range indicators, baselines, targets.
- 1.3 Timeframes are established for monitoring of a resilience project.
- 1.4 Monitoring data to analyse resilience projects is decided.

Outcome 2

Evaluate performance of a resilience project.

Performance criteria

- 2.1 Performance of a resilience project is assessed in terms of achieving outcomes and indicators.
- 2.2 Impact evaluation is performed at a suitable time after project completion.

Outcome 3

Determine learning from a resilience project.

Performance criteria

- 3.1 Learning outcomes are derived from monitoring and evaluation of a resilience project.
- 3.2 Learning outcomes from the project are communicated to relevant individuals.
- 3.3 Learning outcomes for a resilience project are evaluated to identify changes which would have improved project outcomes.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Lead a small team to support a resilience project				
Code	CR600G	Level	6	Credits	10

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing in-depth technical skills and attitudes of leading a team of at least three people as part of a resilience project. It is intended for those who need to be able to take responsibility of and for others and direct them to achieve project outcomes efficiently and effectively.</p> <p>Persons credited with this unit standard are able to lead a small team to support a resilience project.</p>
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Classification	Core
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Critical health and safety prerequisites	All training and assessment activities must be in accordance with health and safety legislation and related regulations of the relevant Pacific Island country.
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- Definition**

Project outcome in this standard is used informally to represent a group of related objectives. It does not necessarily imply a formal Project Management methodology or use of formal Project Management tools and techniques.

A team is any temporary or permanent group of at least three people with a shared purpose or objective. For this unit standard, the team does not require formal structures or reporting processes.

Behaviour refers to:

- for *professional*: attitudes, qualities and behaviours;
- for *ethical*: widely accepted standards relating to compliance with the law, being honest in dealings, and showing respect for individuals, contracts, societal standards and institutions;
- for *socially*: environmental, community and sustainability expectations;
- for *culturally*: interpretations wider than just ethnicity.

Workplace means any environment where work related to resilience takes place. It may be an indoor or outdoor space, and may include employer facilities, community environments, or simulated environments at training establishments.

2 Legislation

All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

3 This unit standard is intended to be practical in nature. For the purposes of assessment, evidence derived from actual activity in a workplace context is expected. Where this is impractical, case study or role play based assessment tasks may be used provided they realistically emulate real work situations that learners are likely to encounter.

4 For this standard, the project outcome must:

- not be routine or familiar to the leader or team members and/or
- assemble team members from different parts of an organisation and/or externally (such as members of communities), and/or
- involve a variety of ways to achieve the project where initially it is not clear which is preferable and/or
- require a range of specialised skills and/or knowledge within the team and/or
- involve significant risk, including financial.

5 Award of credit for this standard requires the project outcome to be achieved.

Outcomes and performance criteria

Outcome 1

Lead a small team to support a resilience project.

Performance criteria

- 1.1 Own delegated leadership role and responsibility in the project are agreed with manager and with the project team.
- 1.2 The objectives for the project outcome are stated clearly and concisely.
- 1.3 Relationships with team members and stakeholders are developed using communication.
Range communication – written and oral, with both internal and external stakeholders.
- 1.4 Team is led with professional, ethical, and socially and culturally appropriate behaviour.
- 1.5 Leadership of the team enables the determination of solutions for operational issues.
- 1.6 Self-management contributes to the initiation of the project outcome.
- 1.7 Team achievement of the project outcome is confirmed by the manager.
- 1.8 Own and team performance are evaluated in relation to achievement of the project outcome.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in an agriculture context				
Code	CR600H-Ag	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills in analysis of resilience as it relates to agriculture. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in agriculture; – review a resilience project in agriculture for potential impacts; – assess the viability of a resilience project in agriculture for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in agriculture.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in agriculture.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in agriculture for potential impacts.

Performance criteria

- 2.1 A resilience project in agriculture is reviewed for the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in agriculture is reviewed for the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in agriculture for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for application for climate and disaster risk reduction finance.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in agriculture.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in agriculture are determined.
- 4.2 Monitoring for a resilience project in agriculture is planned.
- 4.3 Performance of a resilience project in agriculture is evaluated.
- 4.4 Learning from a resilience project in agriculture is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in a coastal management context				
Code	CR600H-CM	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills in analysis of resilience as it relates to coastal management. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in coastal management; – review a resilience project in coastal management for potential impacts; – assess the viability of a resilience project in coastal management for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in coastal management.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in coastal management.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in coastal management for potential impacts.

Performance criteria

- 2.1 A resilience project in coastal management is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in management is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in coastal management for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in coastal management.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in coastal management are determined.
- 4.2 Monitoring for a resilience project in coastal management is planned.
- 4.3 Performance of a resilience project in coastal management is evaluated.
- 4.4 Learning from a resilience project in coastal management is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in an energy and infrastructure context				
Code	CR600H-EI	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of in analysis resilience as it relates to energy and infrastructure. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in energy and infrastructure; – review a resilience project in energy and infrastructure for potential impacts; – assess the viability of a resilience project in energy and infrastructure for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in energy and infrastructure.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in energy and infrastructure.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in energy and infrastructure for potential impacts.

Performance criteria

- 2.1 A resilience project in energy and infrastructure is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in energy and infrastructure is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in energy and infrastructure for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in energy and infrastructure.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in energy and infrastructure is determined.
- 4.2 Monitoring for a resilience project in energy and infrastructure is planned.
- 4.3 Performance of a resilience project in energy and infrastructure is evaluated.
- 4.4 Learning from a resilience project in energy and infrastructure is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in a fisheries context				
Code	CR600H-Fi	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of in analysis resilience as it relates to fisheries. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in fisheries; – review a resilience project in fisheries for potential impacts; – assess the viability of a resilience project in fisheries for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in fisheries.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in fisheries.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in fisheries for potential impacts.

Performance criteria

- 2.1 A resilience project in fisheries is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in fisheries is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in fisheries for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in fisheries.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in fisheries are determined.
- 4.2 Monitoring for a resilience project in fisheries is planned.
- 4.3 Performance of a resilience project in fisheries is evaluated.
- 4.4 Learning from a resilience project in fisheries is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in a forestry context				
Code	CR600H-Fo	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills of in analysis resilience as it relates to forestry. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in forestry; – review a resilience project in forestry for potential impacts; – assess the viability of a resilience project in forestry for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in forestry.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in forestry.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in forestry for potential impacts.

Performance criteria

- 2.1 A resilience project in forestry is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in forestry is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in forestry for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in forestry.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in forestry are determined.
- 4.2 Monitoring for a resilience project in forestry is planned.
- 4.3 Performance of a resilience project in forestry is evaluated.
- 4.4 Learning from a resilience project in forestry is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in a health context				
Code	CR600H-He	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills in analysis of resilience as it relates to health. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in health; – review a resilience project in health for potential impacts; – assess the viability of a resilience project in health for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in health.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in health.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in health for potential impacts.

Performance criteria

- 2.1 A resilience project in health is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in health is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in health for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in health.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in health are determined.
- 4.2 Monitoring for a resilience project in health is planned.
- 4.3 Performance of a resilience project in health is evaluated.
- 4.4 Learning from a resilience project in health is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in a tourism context				
Code	CR600H-To	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills in analysis of resilience as it relates to tourism. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in tourism; – review a resilience project in tourism for potential impacts; – assess the viability of a resilience project in tourism for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in tourism.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in tourism.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in tourism for potential impacts.

Performance criteria

- 2.1 A resilience project in tourism is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in tourism is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in tourism for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in tourism.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in tourism are determined.
- 4.2 Monitoring for a resilience project in tourism is planned.
- 4.3 Performance of a resilience project in tourism is evaluated.
- 4.4 Learning from a resilience project in tourism is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in a water resources context				
Code	CR600H-WR	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills in analysis of resilience as it relates to water resources. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in water resources; – review a resilience project in water resources for potential impacts; – assess the viability of a resilience project in water resources for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in water resources.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in water resources.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in water resources for potential impacts.

Performance criteria

- 2.1 A resilience project in water resources is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in water resources is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in water resources for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in water resources.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in water resources are determined.
- 4.2 Monitoring for a resilience project in water resources is planned.
- 4.3 Performance of a resilience project in water resources is evaluated.
- 4.4 Learning from a resilience project in water resources is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

Title	Analyse resilience projects in a human settlements context				
Code	CR600H-HS	Level	6	Credits	40

Purpose	<p>This unit standard is for persons who work, or may intend to work, in the field of resilience. It covers competency in knowledge and/or skills specific to resilience.</p> <p>It applies to individuals who are developing highly theoretical knowledge and in-depth technical skills in analysis of resilience as it relates to human settlements. It is intended for those who have developed the knowledge and skills in a general context and who now need to be able to apply them to a specific vulnerable sector.</p> <p>Persons credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – analyse options for achieving the objective of a resilience project in human settlements; – review a resilience project in human settlements for potential impacts; – assess the viability of a resilience project in human settlements for access to climate and disaster risk reduction finance; and – apply monitoring, evaluation, and learning processes to a resilience project in human settlements.
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Classification	Elective
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Quality assurance requirements	<p>This unit standard may only be assessed and recommended for award by qualified Assessors.</p> <p>Assessors must comply with the regional and national assessment and moderation requirements of quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from EQAP on EQAP@spc.int.</p>
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Explanatory notes

- 1 Legislation
All activities associated with this unit standard must comply with the requirements of relevant national codes of practice, regulations and legislation, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Analyse options for achieving the objective of a resilience project in human settlements.

Range analysis may include cost effectiveness analysis, cost benefit analysis, multi-criteria analysis.

Performance criteria

- 1.1 The objective of a resilience project is identified.
- 1.2 A prioritisation tool is selected for analysis.
- 1.3 Project is analysed to identify possible options for achieving the project objective.
- 1.4 Options for achieving the objective are analysed in accordance with the selected prioritization tool.
- 1.5 Preferred option for achieving the project objective is selected based on analysis.

Outcome 2

Review a resilience project in human settlements for potential impacts.

Performance criteria

- 2.1 A resilience project in human settlements is reviewed to determine the impact of, and on, Sustainability Planning.
- 2.2 A resilience project in human settlements is reviewed to determine the impact of, and on, a National Adaptation Plan.

Outcome 3

Assess the viability of a resilience project in human settlements for access to climate and disaster risk reduction finance.

Performance criteria

- 3.1 Climate and disaster risk reduction finance sources are analysed in terms of their relevance to the project.
- 3.2 Potential options for climate and disaster risk reduction finance sources are selected.
- 3.3 Project is analysed in terms of the requirements of climate and disaster risk reduction finance options.
- 3.4 Climate and disaster risk reduction finance option is selected.
- 3.5 Necessary information is gathered, and documentation prepared for climate and disaster risk reduction finance application.
- 3.6 Possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance are explained.

Outcome 4

Apply monitoring, evaluation, and learning processes to a resilience project in human settlements.

Performance criteria

- 4.1 Monitoring, evaluation, and learning objectives for a resilience project in human settlements are determined.
- 4.2 Monitoring for a resilience project in human settlements is planned.
- 4.3 Performance of a resilience project in human settlements is evaluated.
- 4.4 Learning from a resilience project in human settlements is determined.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15/06/2022	N/A

ASSESSOR GUIDES

OVERVIEW

INTRODUCTION

This document contains assessor guides for the Regional Diploma 6 in Resilience. These assessor guides lay out the tasks required of a trainee to demonstrate they have the skills and knowledge detailed in the Regional Diploma 6 in Resilience.

They have been designed to align with the unit standards as found in the qualification document.

STRUCTURE

To help in making assessment decisions, the assessor guides are structured into tasks.

They are composed of five tasks:

- 6.1 Development Planning and Sustainable Development
- 6.2 Cost Benefit and Effectiveness Analysis
- 6.3 Project Concept Paper
- 6.4 Project Proposal
- 6.5 Project Implementation and Evaluation

Each task is divided into sub-tasks.

For each sub-task, a trainee needs to **demonstrate the skills/knowledge** specified. Proof of this will need to match up with the type of evidence in the **evidence requirements** and meet any requirements of the **judgement statement**. **Guidance** is also provided to help in making consistent assessment decisions.

SPECIALISATION

The Regional Diploma in Resilience Level 6 is a stranded qualification. This means trainees will graduate with competence in **one** of nine vulnerable sectors. The strands included in the Diploma at Level 6 are:

- Agriculture
- Fisheries
- Coastal Management
- Forestry
- Water Resources
- Health
- Energy and Infrastructure
- Tourism
- Human Settlements

These assessor guides have been designed to integrate the stranded aspects of the qualification. The following statement will appear in the judgement statement for sub-tasks where specialisation is required:

Judgement statement

The minimum level of the trainee's performance required

- Trainee's skills and knowledge are demonstrated in the context of their chosen strand.

This means the evidence produced by the trainee must be contextualised to the vulnerable sector they are specialising in. Education providers and assessors will need to ensure that trainees supply evidence for the same vulnerable sector as they progress through the programme.

ORDER OF ASSESSMENT

These tasks have been structured to be delivered in order, starting with Task 6.1 and ending with Task 6.5.

However, there is no requirement that the Tasks are assessed in this order. Providers may find it suitable to alter the order of assessment depending on the nature of delivery they choose to adopt. They may also choose to group sub-tasks differently if the need arises.

ASSESSOR REQUIREMENTS

Assessors will need to ensure they comply with the regional and national assessment and moderation requirements of their quality frameworks. Details of specific registration and accreditation requirements and the national assessment arrangements are available from the Educational Quality and Assessment Programme on EQAP@spc.int.

COMPLETION

Completion of Tasks 6.1 – 6.5 will result in a trainee having demonstrated competence at the level required of the Regional Diploma 6 in Resilience.

TASK 6.1

DEVELOPMENT PLANNING AND SUSTAINABLE DEVELOPMENT

This is the assessor guide for Task 6.1 *Development Planning and Sustainable Development*.

This guide contains the assessment tasks to assist the assessor in making fair, valid and consistent decisions. This Task focuses on assessing knowledge of development planning and the Sustainable Development Goals and how they relate to resilience. It is intended to be assessed theoretically.

Learning Outcomes

Unit Standards

On completion of this Task, trainees are expected to be able to:

- Analyse the integration of climate change adaptation and disaster risk reduction into development planning for a Pacific Island Country or Territory.
- Explain the Sustainable Development Goals in the context of resilience.
- Discuss the linkages of the Sustainable Development Goals to resilience.

This Task contributes to:

CR600B Analyse the integration of climate change adaptation and disaster risk reduction in development planning for a Pacific Island Country or Territory (10cr)

CR600C Identify entry points for Resilience in the Sustainable Development Goals (10cr)

SUB-TASKS

Task 6.1 is divided into three sub-tasks:

- v Development Planning
- Sustainable Development Goals
- Sustainable Development Goals and Resilience

DEVELOPMENT PLANNING

Analyse the integration of climate change adaptation and disaster risk reduction into development planning for a Pacific Island Country or Territory.

US CR600B 1.1, 1.2, 1.3

Skills/knowledge to be demonstrated	Evidence requirement
<p><i>The trainee demonstrates the following:</i></p> <ul style="list-style-type: none"> Analyses the integration of climate change adaptation and disaster risk reduction into national development planning for a Pacific Island Country or Territory.¹ Analyses the integration of climate change adaptation and disaster risk reduction into sub-national development planning for a Pacific Island Country or Territory.² Identifies and examines gaps between possible and actual integration of climate change adaptation and disaster risk reduction into development planning to identify opportunities for inclusion. 	<p><i>What the assessor can expect to see, hear and/or read</i></p> <p>Must include:</p> <ul style="list-style-type: none"> Written or oral evidence from trainee. <ul style="list-style-type: none"> Examples: Presentation, Report, Test, Exam, Oral questioning.

Guidance

- ¹ **Integration into national development planning** may include but is not limited – policy and priorities, organisational structures and responsibilities, long term and short term objectives.
- ² **Integration into sub-national development planning** may include but is not limited – local policy and priorities, organisational structures and responsibilities, long term and short term objectives.

SUSTAINABLE DEVELOPMENT GOALS

Explain the Sustainable Development Goals in the context of resilience.

US CR600C 1.1, 1.2, 1.3, 1.4

Skills/knowledge to be demonstrated

Evidence requirement

The trainee demonstrates the following:

- Identifies the Sustainable Development Goals.
- Explains the purpose of Sustainable Development Goals.
- Explains the targets and indicators of Sustainable Development Goals.
- Discusses resilience aspects in the Sustainable Development Goals.

What the assessor can expect to see, hear and/or read

Must include:

- Written or oral evidence from trainee.
 - Examples: Presentation, Report, Test, Exam, Oral questioning.

Judgement statement

The minimum level of the trainee's performance required

- Trainee explains the purpose, targets and indicators of a minimum of **five** Sustainable Development Goals.
- Trainee discusses at least **three** ways that resilience aspects are present in the Sustainable Development Goals.

SUSTAINABLE DEVELOPMENT GOALS AND RESILIENCE

Discuss the linkages of the Sustainable Development Goals to resilience.

US CR600C 2.1, 2.2, 2.3

Skills/knowledge to be demonstrated

Evidence requirement

The trainee demonstrates the following:

- Explains the linkages between the Sustainable Development Goals and resilience frameworks.³
- Discusses pathways to linking resilience and the Sustainable Development Goals in the context of a Pacific Island Country or Territory.
- Discusses methods of integrating the Sustainable Development Goals into resilience projects.

What the assessor can expect to see, hear and/or read

Must include:

- Written or oral evidence from trainee.
 - Examples: Presentation, Report, Test, Exam, Oral questioning.

Judgement statement

The minimum level of the trainee's performance required

- Trainee explains pathways to link resilience for the following **four** items: policy coherence, co-ordinated responses, national and local adaptation planning and implementation, resilience projects working alongside economic development objectives.
- Trainee discusses integrating the Sustainable Development Goals into at least **two** projects, with at least one project focusing on climate change adaptation and one focusing on disaster risk reduction.
- Trainee discusses integrating at least **three** Sustainable Development Goals for each project.

Guidance

³ **Resilience frameworks** may include but are not limited to – Framework for Resilient Development in the Pacific, Sendai Framework, Paris Agreement.

TASK 6.2

COST BENEFIT AND EFFECTIVENESS ANALYSIS

This is the assessor guide for Task 6.2 *Cost Benefit and Effectiveness Analysis*.

This guide contains the assessment tasks to assist the assessor in making fair, valid and consistent decisions. This Task focuses on assessing knowledge and skills of using two prioritisation tools: cost effectiveness analysis and cost benefit analysis. It is intended to be assessed theoretically and practically.

Learning Outcomes	Unit Standards
<p>On completion of this Task, trainees are expected to be able to:</p> <ul style="list-style-type: none"> • Demonstrate knowledge of cost effectiveness analysis for resilience projects. • Apply knowledge of cost effectiveness analysis for resilience projects. • Demonstrate knowledge of cost benefit analysis for resilience projects. • Apply knowledge of cost benefit analysis for resilience projects. 	<p>This Task contributes to:</p> <p>CR600A-A Apply knowledge of cost effectiveness analysis for resilience projects (10cr)</p> <p>CR600A-B Apply knowledge of cost benefit analysis for resilience projects (10cr)</p> <p>CR600H-XX Analyse resilience projects in the context of a vulnerable sector (40cr) (<i>partial</i>)</p>

SUB-TASKS

Task 6.2 is divided into three sub-tasks:

- Prioritisation Tools Theory
- Cost Effectiveness Analysis
- Cost Benefit Analysis

PRIORITISATION TOOLS THEORY

Demonstrate knowledge of cost benefit and effectiveness analysis.

US CR600A-A 1.1, 1.2, 1.3

US CR600A-B 1.1, 1.2, 1.3

Skills/knowledge to be demonstrated	Evidence requirement
<p><i>The trainee demonstrates the following:</i></p> <ul style="list-style-type: none"> Explains the key features of a cost effectiveness analysis. Discusses the information required for conducting a cost effectiveness analysis. Explains the key considerations for conducting a cost effectiveness analysis.¹ Explains the key features of a cost benefit analysis. Discusses the information required for conducting a cost benefit analysis. Explains the key limitations of conducting of a cost benefit analysis.² 	<p><i>What the assessor can expect to see, hear and/or read</i></p> <p>Must include:</p> <ul style="list-style-type: none"> Written or oral evidence from trainee. <ul style="list-style-type: none"> Examples: Presentation, Report, Test, Exam, Oral questioning.

Judgement statement

The minimum level of the trainee's performance required

- Trainee explains at least **two** considerations for conducting a cost effectiveness analysis.
- Trainee explains at least **two** limitations for conducting a cost benefit analysis.

Guidance

- Key considerations** may include but are not limited to – unintended differences in output quality of alternative options, non-cash opportunity costs, external costs.
- Key limitations** may include but are not limited to – establishing values for impacts that are difficult to quantify, quantifying costs where there are different perceptions of costs of the impacts.

COST EFFECTIVENESS ANALYSIS

Apply knowledge of cost effectiveness analysis for resilience projects.

US CR600A-A 2.1, 2.2, 2.3, 2.4

US CR600H-XX 1.1, 1.2, 1.3, 1.4, 1.5

Skills/knowledge to be demonstrated

Evidence requirement

*The trainee demonstrates the following in the context of their **chosen strand**:*

- Analyses project objective to identify possible options.
- Analyses selected options to identify the items that carry quantifiable costs.
- Quantifies and calculates costs of identified items.
- Selects and justifies preferred option based on analysis.

What the assessor can expect to see, hear and/or read

Must include:

- Fully completed verification form including comments from assessor/verifier.

ATTACHED EVIDENCE

- Cost effectiveness analysis report.

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If this is impractical, case studies or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee skills and knowledge are demonstrated in the context of their chosen strand.
- All requirements of the verification form are met, and the form is signed/dated.

COST BENEFIT ANALYSIS

Apply knowledge of cost benefit analysis for resilience projects.

US CR600A-B 2.1, 2.2, 2.3

US CR600H-XX 1.1, 1.2, 1.3, 1.4, 1.5

Skills/knowledge to be demonstrated

Evidence requirement

*The trainee demonstrates the following in the context of their **chosen strand**:*

- Analyses project objective to identify possible options.
- Analyses possible options to determine impacts of options.
- Analyses options to quantify the impacts.
- Selects and justifies preferred option based on analysis.

What the assessor can expect to see, hear and/or read

Must include:

- Fully completed verification form including comments from assessor/verifier.

ATTACHED EVIDENCE

- Cost benefit analysis report.

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If this is impractical, case studies or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee determines both the cost and benefits of possible options.
- Trainee skills and knowledge are demonstrated in the context of their chosen strand.
- All requirements of the verification form are met, and the form is signed/dated.

TASK 6.3

PROJECT CONCEPT PAPER

This is the assessor guide for Task 6.3 *Project Concept Paper*.

This guide contains the assessment tasks to assist the assessor in making fair, valid and consistent decisions. This Task focuses on assessing the skill to draft a concept paper for a potential project. It is intended to be assessed practically.

Learning Outcomes

Unit Standards

On completion of this Task, trainees are expected to be able to:

- Prepare a concept paper for financing a climate and disaster risk reduction project.
- Assess the viability of a resilience project in a vulnerable sector for access to climate and disaster risk reduction finance.

This Task contributes to:

CR600D Prepare a concept paper for financing a climate and disaster risk reduction project (10cr)

CR600H-XX Analyse resilience projects in the context of a vulnerable sector (40cr) (*partial*)

SUB-TASKS

Task 6.3 is divided into one sub-task:

- Project Concept Paper

PROJECT CONCEPT PAPER

Prepare a concept paper for financing a climate and disaster risk reduction project in a vulnerable sector.

CR600D 1.1, 1.2, 1.3, 1.4, 1.5, 1.6

CR600H-XX 3.1, 3.2, 3.3, 3.4, 3.5

Skills/knowledge to be demonstrated

The trainee demonstrates the following in the context of their **chosen strand**:

- Analyses climate and disaster risk reduction finance sources in terms of their relevance to the project.¹
- Selects potential options for climate and disaster risk reduction finance sources are selected.
- Analyses the requirements of climate and disaster risk reduction finance options for the project.
- Selects a climate and disaster risk reduction finance option.
- Gathers necessary information, and prepares documentation for climate and disaster risk reduction finance application.
- Explains possible challenges that may emerge during the process of accessing climate and disaster risk reduction finance.

Evidence requirement

What the assessor can expect to see, hear and/or read

Must include:

Must include:

- Fully completed verification form including comments from assessor/verifier.

ATTACHED EVIDENCE

- Project concept paper.

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If this is impractical, case studies or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee skills and knowledge are demonstrated in the context of their chosen strand.
- Trainee prepares documentation in accordance with organisational and finance source requirements.
- All requirements of the verification form are met, and the form is signed/dated.

Guidance

- ¹ **Relevance** may be affected by but is not limited to – project size, project scope, project aims, project location.

TASK 6.4

PROJECT PROPOSAL

This is the assessor guide for Task 6.4 *Project Proposal*.

This guide contains the assessment tasks to assist the assessor in making fair, valid and consistent decisions. This Task focuses on assessing the skill to put together a proposal for a project. It is intended to be assessed practically.

Learning Outcomes

Unit Standards

On completion of this Task, trainees are expected to be able to:

- Prepare a budget for a resilience project.
- Identify potential sources of funding for the resilience project.
- Develop a resilience project proposal.
- Review a resilience project in a vulnerable sector for potential impacts.

This Task contributes to:

CR600E Prepare a proposal for a resilience project (10cr)

CR600H-XX Analyse resilience projects in the context of a vulnerable sector (40cr) (*partial*)

SUB-TASKS

Task 6.4 is divided into two sub-tasks:

- Project Budget
- Project Proposal

PROJECT BUDGET

Prepare a budget for a resilience project and identify potential sources of funding.

US CR600E 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3

Skills/knowledge to be demonstrated

Evidence requirement

*The trainee demonstrates the following in the context of their **chosen strand**:*

- Determines the key tasks and milestones for the project.
- Estimates cost and timing of key tasks and milestones.
- Estimates cost for possible contingency expenses.¹
- Tabulates costs to determine magnitude and timing of required funding.
- Prepares a budget document.
- Assesses potential sources of funding in terms of their eligibility criteria, application requirements, and funding processes.
- Analyses project to determine alignment with the requirements of possible funding sources.
- Identifies potential sources of funding that align with the project.

What the assessor can expect to see, hear and/or read

Must include:

- Fully completed verification form including comments from assessor/verifier.

ATTACHED EVIDENCE

- Project summary, including:
 - Tasks and milestones
 - Cost and time estimates
 - Budget
 - Potential sources of funding

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If impractical, case study or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee prepares their budget document in a format appropriate to the project and the expected audience.
- Trainee skills and knowledge are demonstrated in the context of their chosen strand.
- All requirements of the verification form are met, and the form is signed/dated.

Guidance

- ¹ **Contingency expenses** may include but are not limited to – cost increases for materials or labour during the term of the project, cost impacts of milestone dates not being met, costs of regulatory imposts such as taxes and permit fees.

PROJECT PROPOSAL

Develop a resilience project proposal and review for potential impacts.

US CR600E 3.1, 3.2, 3.3
US CR600H-XX 2.1, 2.2

Skills/knowledge to be demonstrated

Evidence requirement

*The trainee demonstrates the following in the context of their **chosen strand**:*

- Explains the purpose of key sections of a project proposal.¹
- Explains the content of key sections of a project proposal.
- Drafts a proposal in support of a project.
- Reviews the project for the impact of, and on, Sustainability Planning.
- Reviews the project for the impact of, and on, a National Adaptation Plan.

What the assessor can expect to see, hear and/or read

Must include:

- Fully completed verification form including comments from assessor/verifier.
- Oral or written evidence of the purpose and content of key sections of a project proposal.

ATTACHED EVIDENCE

- Project proposal.

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If impractical, case study or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee explains the purpose and content of at least three sections of a project proposal.
- Trainee skills and knowledge are demonstrated in the context of their chosen strand.
- Project proposal contains all necessary information as required in organisational or funding source requirements.
- All requirements of the verification form are met, and the form is signed/dated.

Guidance

¹ **Sections of a project proposal** may include but are not limited to – Cover letter, Executive summary, Need statement, Goals and objectives, Methods, Strategies and designs, Monitoring Evaluation and Learning processes, Information about own organisation, Project budgets and timelines, project management and control.

TASK 6.5

PROJECT IMPLEMENTATION AND EVALUATION

This is the assessor guide for Task 6.5 *Project Implementation and Evaluation*.

This guide contains the assessment tasks to assist the assessor in making fair, valid and consistent decisions. This Task focuses on assessing skills to lead aspects of a project and apply monitoring, evaluation, and learning processes. It is intended to be assessed practically.

Learning Outcomes	Unit Standards
<p>On completion of this Task, trainees are expected to be able to:</p> <ul style="list-style-type: none"> Decide monitoring objectives for a resilience project. Lead a small team to support a resilience project. Evaluate performance of a resilience project. Determine learning from a resilience project. Apply monitoring, evaluation, and learning processes to a resilience project in a vulnerable sector. 	<p>This Task contributes to:</p> <p>CR600F Apply monitoring, evaluation, and learning to a resilience project (10cr)</p> <p>CR600G Lead aspects of a resilience project (10cr)</p> <p>CR600H-XX Analyse resilience projects in the context of a vulnerable sector (40cr) (<i>partial</i>)</p>

SUB-TASKS

Task 6.5 is divided into three sub-tasks:

- Project Monitoring
- Project Leadership
- Project Evaluation and Learning

PROJECT MONITORING

Decide monitoring objective for a resilience project in a vulnerable sector.

US CR600F 1.1, 1.2, 1.3, 1.4

US CR600H-XX 4.1, 4.2

Skills/knowledge to be demonstrated

*The trainee demonstrates the following in the context of their **chosen strand**:*

- Analyses a resilience project to identify scope, aims and timeframes.
- Defines performance indicators appropriate to the scope and aims of a resilience
- Establishes timeframes for monitoring of the resilience project.
- Decides monitoring data to analyse the resilience project.
- Plans monitoring for the resilience project.

Evidence requirement

What the assessor can expect to see, hear and/or read

Must include:

- Fully completed verification form including comments from assessor/verifier.

ATTACHED EVIDENCE

- Monitoring plan, including:
 - Scope, aims, timeframes.
 - Performance indicators.
 - Types and collection methods for monitoring data.

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If impractical, case study or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee skills and knowledge are demonstrated in the context of their chosen strand.
- Trainee's performance indicators must include indicators, baselines, and targets for the project.
- Trainee's performance indicators align with the scope and aims of the project and any organisational or funding requirements.
- All requirements of the verification form are met, and the form is signed/dated.

PROJECT LEADERSHIP

Lead a small team to support a resilience project.

US CR600G 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8

Skills/knowledge to be demonstrated

Evidence requirement

The trainee demonstrates the following in the workplace¹:

- Agrees own delegated leadership role and responsibility in the project with manager and with the project team.²
- States the objectives for the project outcome clearly and concisely.³
- Develops relationships with team members and stakeholders using communication.
- Leads team with professional, ethical, and socially and culturally appropriate behaviour.⁴
- Evaluates own and team performance in relation to achievement of the project outcome.

What the assessor can expect to see, hear and/or read

Must include:

- Fully completed verification form including comments from assessor/verifier.

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If impractical, case study or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee develops relationships using both written and oral communication, and with both internal and external stakeholders.
- Trainee's leadership of the team enables the determination of solutions for operational issues.
- Trainee's self-management contributes to the initiation of the project outcome.
- Team achievement of the project outcome is confirmed by the manager.
- The project outcome is achieved.
- All requirements of the verification form are met, and the form is signed/dated.

Guidance

- ¹ **Workplace** means any environment where work related to resilience takes place. It may be an indoor or outdoor space, and may include employer facilities, community environments, or simulated environments at training establishments.
- ² **A team** is any temporary or permanent group of at least three people with a shared purpose or objective. The team does not require formal structures or reporting processes.
- ³ The **project outcome** must:
 - not be routine or familiar to the leader or team members and/or
 - assemble team members from different parts of an organisation and/or externally (such as members of communities), and/or
 - involve a variety of ways to achieve the project where initially it is not clear which is preferable and/or
 - require a range of specialised skills and/or knowledge within the team and/or
 - involve significant risk, including financial.
- ⁴ **Behaviour** refers to:
 - for *professional*: attitudes, qualities and behaviours;
 - for *ethical*: widely accepted standards relating to compliance with the law, being honest in dealings, and showing respect for individuals, contracts, societal standards and institutions;
 - for *socially*: environmental, community and sustainability expectations;
 - for *culturally*: interpretations wider than just ethnicity.

PROJECT EVALUATION AND LEARNING

Evaluate performance of a resilience project and determine learning in a vulnerable sector.

US CR600F 2.1, 2.2, 3.1, 3.2, 3.3

US CR600H-XX 4.3, 4.4

Skills/knowledge to be demonstrated

*The trainee demonstrates the following in the context of their **chosen strand**:*

- Assesses performance of a resilience project in terms of achieving outcomes and indicators.
- Performs an impact evaluation at a suitable time after project completion.
- Derives learning outcomes from monitoring and evaluation of a resilience project.
- Communicates learning outcomes from the project to relevant individuals.
- Evaluates learning outcomes for a resilience project to identify changes which would have improved project outcomes.

Evidence requirement

What the assessor can expect to see, hear and/or read

Must include:

- Fully completed verification form including comments from assessor/verifier.

ATTACHED EVIDENCE

- Completed MEL Report.

Judgement statement

The minimum level of the trainee's performance required

- Evidence is from actual activity in a community context. If impractical, case study or role play may be used if they are realistic enough to match the complexity of real work situations.
- Trainee skills and knowledge are demonstrated in the context of their chosen strand.
- All requirements of the verification form are met, and the form is signed/dated.

ACKNOWLEDGEMENTS

This qualification could not have been developed without the support of individuals and organisations from across the Pacific

ACP states:



CONTACT

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