

Technical Assistance Closure Report Template

Objective of the technical assistance (TA) Closure Report:

- To communicate publicly in one document a summary of progress made and lessons learned during the TA towards the anticipated impact (sections 1-4).
- To document qualitative and quantitative data collected during TA, for use in donor and UN reporting (Annex 1).

Steps for completing the TA closure report:

1. The lead TA implementer submits the closure report at the end of the technical assistance as a final deliverable. The TA closure report will capture outputs, outcomes and impacts of all activities conducted under the TA. Please copy and summarise relevant material from previous TA outputs/deliverables and the Response Plan, as relevant.
2. A CTCN Manager will review and revise the closure report before final approval by the CTCN Deputy Director.

Important note on public and internal use of the closure report:

Once approved by the CTCN Deputy Director, the TA closure report will be a public document available on the CTCN website www.ctc-n.org. Selected content will be used for targeted communication activities. Annex 2 is for internal use only and will not be publicly available.

Closure Report for CTCN Technical Assistance

1. Basic information

Title of response plan	The establishment of an Integrated Coastal Zone Management (ICZM) Plan to protect the mangroves through Ecosystem based adaptation solutions
Technical assistance reference number	CTCN 22-018
Country / countries	Solomon Islands
NDE organisation	Climate Change Division, MECDM, Solomon Islands
NDE focal point	Dir. Thaddeus Siota,
NDE contact information	TSiota@mecdm.gov.sb
Proponent focal point and organisation	Mr. Hudson Marutana, MECDM, hmarutana@gmail.com
Designer of the response plan	CTCN
Implementer(s) of technical assistance	KEI, KookMin University, Solomon Island National University, Gwangju Institute of Science and Technology
Beneficiaries	<u>MECDM and Line ministries, Solomon Islanders</u>
Sector(s) addressed	Coastal Zones : Integrated Coastal Zone Management
Technologies supported	Coastal monitoring Ecosystem restoration and conservation plan
Implementation start date	01/10/2022
Implementation end date	30/09/2024
Total budget for implementation	USD 248,400

Description of delivered outputs and products as well as the activities undertaken to achieve them. In doing so, review the log frame of the original response plan and refer to it as appropriate

Mandatory output – Develop communication documents and implementation work plan

Deliverables
1. Implementation plan
2. Monitoring and evaluation plan
3. Impact description document (initial and final version)
4. Closure and data collection report

Bibliographic analysis of relevant policies and legal instruments governing the use and protection of the mangroves on Solomon Islands

Deliverables
1.1. Matrix of existing legal and policy instruments linked to Coastal Zone Management
1.2. Report identifying barriers, challenges, and lack of policies on the existing institutional instruments

TA coordination mechanism established, and Steering Committee formed

Deliverables
2.1 Stakeholder mapping report containing a complete stakeholder list and the composition of the Steering Committee.
2.2 Inception meeting report with photos, list of participants, a summary of the presentations made, comments received, a draft of the invitation to the meeting, and an explanation of how participants were invited, how long in advance, if the meeting was presential or organized online, etc. Report on the visit on sites of the (at least) 3 mangroves sites.

Overview of the coastal zone and diversity of resources and their socio-economic importance

Deliverables
Activity 3.1.A: Satellites maps of the mangroves of Solomon Islands.
Activity 3.1.B: 3 Climate scenarios modeled
Activity 3.1.C: Draft report on the main issues and challenges to be addressed by the ICZM policy framework
Activity 3.2: Report of the workshop (list of participants, photos, PWP) and a prioritization approved by the Coordination mechanisms of these issues and challenges.

5-days workshops to define the ICZM mangrove plan:

Deliverables
Activity 4.1: Defined vision and mission of the policy framework and report of the workshop held (list of participants, questions, photos, the participatory process used to ensure the participation of all members, results, questions raised, comments addressed, etc.)
Activity 4.2: Report on the selected policy objectives as well as a description of the workshop held (list of participants, questions, photos, the participatory process used to ensure the participation of all members, results, questions raised, comments addressed, etc.)
Activity 4.3: Report with the defined guiding principles as well as a description of the workshop held (list of participants, questions, photos, the participatory process used to ensure the participation of all members, results, questions raised, comments addressed etc.)
Activity 4.4: Formulation of a Draft ICZM Framework Policy
Activity 4.5: Revised Draft ICZM Framework Policy based on Steering Committee's comments

Specific policy statements addressing issues on integrated planning and coordination of mangroves, community empowerment and resource use conflicts, environmental conservation, management of environmental risks, awareness creation and education.

Deliverables
Activity 5.1 to 5.6: Full ICZM policy framework drafted

	<p><u>Official review of the first drafts conducted and revised ICZM framework finalized</u></p> <table border="1"> <tr> <td>Deliverables</td> </tr> <tr> <td>Activity 6.1: Compiled feedback and comments on the first draft of ICZM Framework policy, including vision, mission, principles, objectives, and all policy statements</td> </tr> <tr> <td>Activity 6.2: Official workshop review report</td> </tr> <tr> <td>Activity 6.3: Second draft of ICZM Framework policy</td> </tr> <tr> <td>Activity 6.4: Compiled feedback and comments on the second draft of ICZM Framework policy</td> </tr> <tr> <td>Activity 6.5: Formulate final Framework policy</td> </tr> </table> <p><u>Implementation of a framework guide</u></p> <table border="1"> <tr> <td>Deliverables</td> </tr> <tr> <td>Activity 7.1: Implementation guide under a short-term perspective (1 year) of the ICZM framework policy</td> </tr> <tr> <td>Activity 7.2: Technologies fact sheets (6-8) for Integrated Coastal Zone Management</td> </tr> <tr> <td>Activity 7.3: Report on the workshop (photos, list of participants, comments and answers received and provided)</td> </tr> <tr> <td>Activity 7.4: Report on the awareness campaign held in the Coastal Zones of Solomon Islands)</td> </tr> </table>	Deliverables	Activity 6.1: Compiled feedback and comments on the first draft of ICZM Framework policy, including vision, mission, principles, objectives, and all policy statements	Activity 6.2: Official workshop review report	Activity 6.3: Second draft of ICZM Framework policy	Activity 6.4: Compiled feedback and comments on the second draft of ICZM Framework policy	Activity 6.5: Formulate final Framework policy	Deliverables	Activity 7.1: Implementation guide under a short-term perspective (1 year) of the ICZM framework policy	Activity 7.2: Technologies fact sheets (6-8) for Integrated Coastal Zone Management	Activity 7.3: Report on the workshop (photos, list of participants, comments and answers received and provided)	Activity 7.4: Report on the awareness campaign held in the Coastal Zones of Solomon Islands)
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Methodologies applied to produce outputs and products	Desk analysis; Surveys and structured interviews with key stakeholder, Workshops, and Field works and outreaches, etc.											
Reference to knowledge resources	<p><u>The TEC's policy briefs (TEC Briefs) providing policy options on key climate technology issues</u></p> <p><u>Climate Technology Progress Report 2020-2024</u></p> <p>https://unfccc.int/ttclear/tec/documents.html</p>											
Deviations	<u>-In addition to the mandated deliverables, project proposals to be submitted GEF-8 Innovation Window was produced, and Follow-up project development discussions were held with local NGOs and USAID project office (Winrock) in Malaita province, and also International Blue Carbon Conference in Suva Fiji.</u>											
Anticipated follow-up activities and next steps	<ul style="list-style-type: none"> • Submission of a draft law/policy developed by the CTCN to cabinet/parliament by MECDM SI. • Follow-up and formal submission of funding proposal drafted with support from the CTCN to FAO-GEF, KEITI. • Dissemination of report drafted by the CTCN to the local NGOs in Malaita province. 											

2. Lessons learned

	Lessons learned	Recommendations
Lessons learned from the CTCN TA process	<p>Throughout the implementation period, additional TA requests were raised by the local policy makers, actors and community leaders.</p> <p>· It proved important the engagement of policy makers from relevant ministries with</p>	<ul style="list-style-type: none"> • Instead of ad-hoc request based TA project, a structured and systematic TA program consisted of climate resilience and mitigation value chain projects needs to be promoted.

	<p>local stakeholders in the beginning of the TA.</p> <ul style="list-style-type: none"> · At the same time, considering gender and social inclusion issues in the development of ICZM Framework Policy and Policy Statements improved the local suitability of the TA outputs and policy deployments in field 	<ul style="list-style-type: none"> • It is recommended that all proposed national and regional projects include gender experts and social inclusion pipelines to promote active participation of the local stakeholders
Lessons learned related to climate technology transfer	<p><i>At the same time with the increased climate change resilience with ICZMP and its implementation, it proved very necessary to provide affordable clean energy solutions for local coastal communities. In that regard, solar PV system or mini hydropower infrastructure building would be welcomed together with net-zero consideration.</i></p>	<ul style="list-style-type: none"> • <i>Considering the seasonal and daily variation of the renewable energy resources, a hybrid type of renewable energy solution would be much interested to be deployed in remote local communities in the Pacific island countries.</i>

3. Illustration of the TA and photos

For communication purposes, please provide 2-4 Power Point slides, including illustrations or charts, describing barriers, opportunities, methodology, activities, outputs and achieved results. The illustrations must be copied into the TA Closure report but must also be delivered as power point files. Also, please provide at least five high-resolution pictures in jpg format, capturing technical assistance. The pictures should illustrate how the TA has impacted the lives of the beneficiaries in particular and the communities in general.

4. Impact Statement

The information in the table below will be used to communicate results and anticipated impacts of this technical assistance publicly. Please copy information from impact statement developed in the M&E Plan and update as relevant.

Challenge	<p>The main objective of the TA was to provide Solomon Islands with a clear strategy and direction to establish an Integrated Coastal Zone Management (ICZM) Policy Framework, Implementation Guideline, Technology Factsheets. The main challenge is to this was a very short project term (15 months) to ensure the framework policy endorsed as official policy document in time. This was solved with the 9 months extension of project implementation term till 30. 09.2024.</p>
CTCN Assistance	<ul style="list-style-type: none"> · Over the years, mangroves was managed through uncoordinated sectoral policies. TA could review all existing policies directly linked to ICZM and mangroves in Solomon

	<p>Islands, and formulate framework policy statements.</p> <ul style="list-style-type: none"> · TA identified relevant stakeholders among governmental institutions at the national and sub-national levels including private sector, civil society, academic institutions and provided a technical overview and high-level guidance at every stage of the formulation of the ICZM policy framework starting from vision, mission, sectoral policy statements and implementation guide.
Anticipated impact	<p>At long term perspective, the ICZM could bring following impacts:</p> <ul style="list-style-type: none"> • Promoting integrated planning and coordination practices in coastal developments across the various sectors in Solomon Islands. • Promoting sustainable economic development to secure livelihoods of coastal communities. • Promoting nature-based conservation of the coastal and marine resources and environment for sustainable development. • Improved management of environmental risks associated with changes in shoreline and climate.
Co-benefits: Achieved or anticipated co-benefits from the TA	<p>The ICZMP contributes to the climate resilience of the coastal communities in climate change mitigation and adaptation by promoting nature based solutions supported by 6 identified technological solutions</p>
Gender aspects of the TA	<p>Participatory ICZMP process enhances the empowerment of the women group working in the coastal communities in SI</p>
Anticipated contribution to NDC	<ul style="list-style-type: none"> · Based on the ICZMP and its implementation guide, SI could complement and update their NDC adaptation under the Paris Agreement. · The outputs delivered through TA could be used to develop a scaled-up climate resilience project for Solomon Islands to be proposed to Financial Mechanism of UNFCCC including AF, GCF and GEF in coming years.
The narrative story	<p>Over the years, mangroves in the Solomon Islands was not managed with integrated coastal Zone management policy framework. CTCN decided to provide a TA project, which will review all existing policies directly linked to ICZM and mangroves in Solomon Islands, and formulate framework policy for nature based sustainable management of the local</p>

	<p>resources. The main objective of the TA is to provide Solomon Islands with a clear strategy and direction to establish an Integrated Coastal Zone Management Policy statements and Implementation guide through Ecosystem-based adaptation solutions. The TA made involved local communities and stakeholders in the decision of sustainable environmental management for the mangroves. It included consideration on women and youth groups at local level, CBOs, and Non-Governmental Organizations (NGOs) dealing with coastal zone protection issues. Considering women as main actors in the livelihoods of coastal communities, TA brought in front the vulnerable women, children, youth and disable groups, in particular. This TA contributed to balance environmental, socio-economic, cultural, and recreational objectives; reduce mangroves degradation; and also conserve and maintain existing mangroves from potential climate change impacts, so as to assure the livelihoods of the local communities.</p>
<p>Contribution to SDGs</p> <p>A complete list of SDGs and their targets is available here: https://sustainabledevelopment.un.org/partnership/register/</p>	<p>Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture: 2.4 Ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality, in special.</p> <p>Goal 5. Achieve gender equality and empower all women and girls: 5.5 Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life</p> <p>Goal 13. Take urgent action to combat climate change and its impacts: 13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries (This TA will formulate an ICZM policy framework that will support the adaptation to CC of Salmon Island, most specifically of its coastal zone); 13.2 - Integrate climate change measures into national policies, strategies and planning (This TA will develop a framework</p>

	<p>of policy for ICZM); 13.3 - Improve education, awareness-raising and human and institutional capacity on climate (Capacity building to governmental bodies will be ensured as well as awareness campaign and workshops with communities living in coastal zones, private sector, university and academic sector, public sector NGOs etc.); 13.b - Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities (Salmon Island is a SIDS and this TA will define a framework policy including a section on coordination, capacity building, education, etc.)</p> <p>Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development: 14.2 Sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans</p> <p>Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss (Yes, the TA will protect and restore the coastal zones of Salmon Island)</p>
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Annex 1 Technical assistance data collection

Please add quantitative and qualitative values for the indicators selected in the M&E plan and monitored throughout the technical assistance in the tables below. Indicators which have been monitored in addition to the proposed indicators below may be added at the end of table A. Non-relevant indicators should be left blank.

A. Output and outcome indicators

Indicator	Quantitative value	Qualitative description
Please note indicators below highlighted as anticipated	<i>Numerals only; disaggregates must sum to the total</i>	<i>List the various elements corresponding to the quantitative value as well as timelines and responsible institutions</i>
Total number of events organized by proponents and implementing partners	11	<i>Kick off, Inception, 4 national workshops, 4 field works with outreach including 1 international.</i>
Number of participants in events organized by proponents and implementing partners	220	<i>20 participants for each of 11 events</i>
a) Number of men	133	<i>66% (men) for Korea, 60% (men) for Solomon Islands</i>
b) Number of women	87	<i>40%(women) for Korea, 34% (Women) for Solomon Islands</i>
Number of climate technology RD&D related events		
Number of participants in climate technology RD&D events	<i>List total number here</i>	
a) Number of men		
b) Number of women		
Number of training organized by proponents and implementing partners	4	<i>4 national workshops for ICZMP Framework Policy SI</i>
Number of participants in trainings organized by proponents and implementing partners	80	<i>20 participants for each of 4 workshops</i>
a) Number of men	48	<i>60% of total participants from SI</i>
b) Number of women	32	<i>40% of total participants from SI</i>
Total number of institutions trained	6	
a) Governmental (national or subnational)	5	<i>MECDM, MFR, MOA, MMA and National Herbarium</i>
b) Private sector (bank, corporation, etc.)		
c) Nongovernmental (NGO, University, etc.)	1	<i>SINU</i>
Percentage of participants reporting satisfaction with CTCN training (from CTCN training feedback form)		<i>Satisfied= 4+ on 5-pt scale</i>
Percentage of participants reporting increased knowledge, capacity and/or understanding as a result of CTCN training (from CTCN training feedback form)		<i>Increased knowledge, capacity and/or understanding= 4+ on 5-pt scale</i>
a) Percentage of men		
b) Percentage of women		

Total number of deliverables produced during the assistance (excluding mission, progress and internal reports)	44	
a) Number of communication materials, including news releases, newsletters, articles, presentations, social media postings, etc.	38	Document 00100-07420
b) Number of tools and technical documents strengthened, revised or developed	6	Document 07210-07260
c) Number of other information materials strengthened, revised or created (For example training and workshop reports, Power Points, exercise docs etc.)		
Total number of policies, strategies, plans, laws, agreements or regulations supported by the assistance	8	
a) Adaptation related	8	1 framework policy, 6 sectoral policy statements, 1 implementation guide
b) Mitigation related		
c) Both adaptation- and mitigation related		
Anticipated number of policies, strategies, plans, laws, agreements or regulations proposed, adopted or implemented as a result of the TA	7	
a) Adaptation related	7	1 framework policy, 6 sectoral policy statements
b) Mitigation related		
c) Both adaptation- and mitigation related		List the type of documents anticipated to be proposed, adopted or implemented
Anticipated number of technologies transferred or deployed as a result of CTCN support	6	<u>Draft technological factsheets developed by implementers, later finalized by local experts as official technological factsheets in 07210-07260</u>
Anticipated number of collaborations facilitated or enabled as a result of technical assistance	5	
a) Number of South-South collaborations		List the names of the organisations (excluding the CTCN or TA implementers)
b) Number of RD&D collaborations	6	Kookmin University, Gwangju Institute of Science and Technology, APFF from Korea side, SINU, National Herbarium from SI side for bilateral collaborations
c) Number of private sector collaborations	2	Kwater, Egon Company
Number of countries with strengthened National System of Innovation as a result of CTCN support	1	Solomon Islands
Insert any additional indicators here		

B. Core impact indicators

Please fill in the tables for anticipated impacts of the CTCN assistance. Every technical assistance should contribute to at least one of the indicators below. For guidance on how to report on core indicators see the [‘M&E Guidance Document for TA Implementers’](#).

Core indicator 1	Anticipated metric tons of CO₂ equivalent (CO₂e) emissions reduced or avoided as a result of CTCN TA	
	<i>Please add your calculations in word or excel format as an Annex to this Closure Report, where applicable.</i>	
Quantitative value <i>(emissions reductions)</i>	Anticipated metric tons of CO ₂ e reduced or avoided as a result of the TA on annual basis	Anticipated metric tons of CO ₂ e reduced or avoided as a result of the TA in total
Unit	tCO ₂ e	tCO ₂ e
GHG assessment boundary (project emissions) Identify expected post-TA activities, associated effects and assess boundary for quantification of GHG emission reductions		
Baseline emissions Describe baseline scenario, baseline candidates, emission factors and emissions calculated		
Methodology Explain the method or process of verifying the indicator and how data was gathered		
Assumptions Describe assumptions made during calculation and quantification of GHG reductions		

Core indicator 2	Anticipated increased economic, health, well-being, infrastructure and built environment, and ecosystems resilience to climate change impacts as a result of technical assistance
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	<i>Please provide a qualitative description of the anticipated impacts on the categories below</i>
Infrastructure and built environment Anticipated increased infrastructure resilience (avoided/mitigated climate induced damages and strengthened physical assets)	
Ecosystems and biodiversity Anticipated increased ecosystem resilience (areas with increased resistance to climate-induced disturbances and with improved recovery rates)	Contributes to the SBD\$2.6 Billion per annum of marine ecosystem services, as well as to the conservation of mangrove forests of 60,200 hectares.
Economic Anticipated increased economic resilience (e.g. less reliance on vulnerable economic sectors or diversification of livelihood)	Improvement of local income, leisure, livelihoods, economic viability in coastal zones
Health and wellbeing Anticipated increased health and wellbeing of target group (e.g. improved basic health, water and food security)	Improved basic health, water and food security

Core indicator 3	Anticipated number of direct and indirect beneficiaries as a result of the TA	
	Quantitative value	Means of verification
Total beneficiaries	592,000 from 740,000	National population living in coastal communities in SI
Number of adaptation beneficiaries	592,000 from 740,000	80% of Coastal Communities equivalent to more than 4000 communities' residents benefiting from ICZMP
Number of mitigation beneficiaries		
Number of adaptation-and mitigation beneficiaries		

Core indicator 4	Anticipated amount of funding/investment leveraged (USD) as a result of TA (disaggregated by public, private, national, and international sources, as well as between anticipated/confirmed funding)			
	Quantitative value confirmed in USD	Quantitative value anticipated in USD	Qualitative description <i>List the institutions, timelines, and description or title of the investment</i>	Methods <i>Describe methods used for quantificatio</i>

				<i>n of funds leveraged</i>
Total funding		200,000 USD	Korea supported Readiness for GCF project development	KEITI budget support scale
Anticipated amount of public funding mobilised from national/domestic sources		200,000 USD	Korea supported Readiness by KEITI	Suggested institutions are: CAIT Engineering, KMU, GIST
Anticipated amount of public funding mobilised from international/ regional sources				
Anticipated amount of private funding mobilised from national/domestic sources				
Anticipated amount of private funds mobilised from international/regional sources				

Annex 2 (for internal use – to be filled in by the CTCN)

CTCN evaluation

This section will be completed by the relevant CTCN Technology Manager.

- Evaluation of the timeliness of the TA implementation as measured against the timeline included in the response plan;
- Evaluation of TA quality as defined in the response plan;
- Overall performance of the Implementers;
- Overall engagement of the NDE and Proponent;
- Lessons learned on the CTCN process and steps taken by the CTCN to improve.