



Niue

Results Summary 2022

Overview

SPC supports sustainable development by applying a people-centred approach to science, research and technology across all 17 Sustainable Development Goals (SDGs). We work in 22 Pacific Island countries and territories (PICTs) and serve our members by interweaving and harnessing the nexus of climate, ocean, land, culture, rights and good governance; nurturing trusted partnerships; investing in Pacific people; and understanding Pacific contexts. Our unique organisation covers more than 20 sectors.

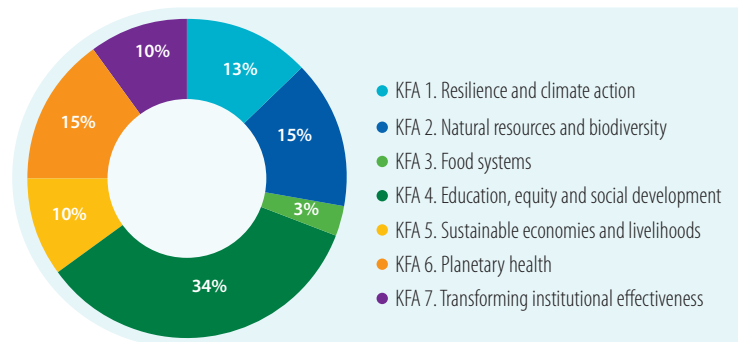
The *Pacific Community Results Report 2022* illustrates the impact of SPC's science, knowledge and innovation on PICTs, and their benefits for Pacific peoples, their ocean, other natural resources, systems and institutions. This is the first report in response to the new [Strategic Plan 2022–2031](#). Access the full copy of the Pacific Community Results Report 2022 [here](#).

In 2022, 481 results were reported across the 7 key focus areas (KFAs) of the strategic plan, 40 of these results were reported for Niue. These are listed in Annex 1 and summarised below. Regional level results, of which Niue may also have benefited, are reported in the full Results Report.

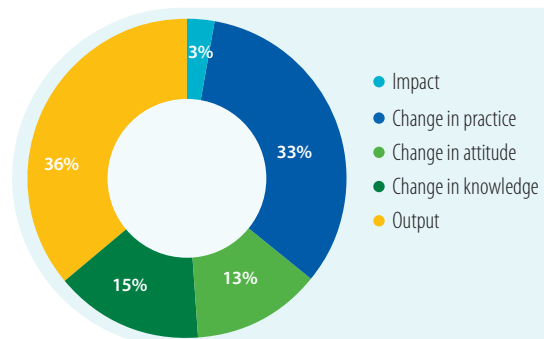
Results dashboard

The results reported for Niue contributed to all 7 KFAs of SPC's strategic plan (Graph 1). SPC's approach of collaboratively delivering alongside our members was evident in 2022 (Graph 3). Our 5 pathways for delivery are: policy to action; data, statistics, and knowledge; innovation and research; digitalisation and technology; and capability and influence. SPC's most significant pathway for facilitating change across our results was capability and influence (including training and capacity development, advocacy and regional convening).

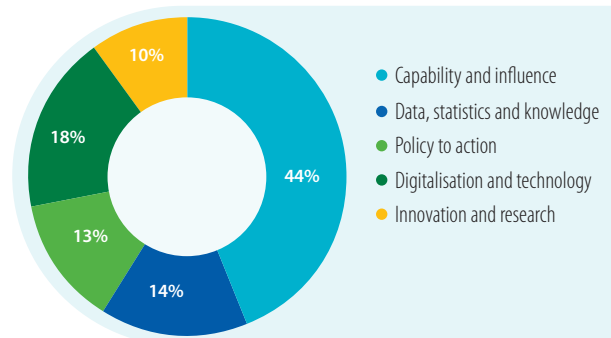
Graph 1:
Results by KFA (n=40)



Graph 2:
Results type (n=40)



Graph 3:
Results by pathway (n=40)



Results highlights

Key results from SPC’s contributions and support to Niue in 2022 include:

- Niue launched their national Ocean Conservation Credits scheme, based on the Nukutuluea Multi-Use Marine Park coordinates completed in 2021.
- 87 active data collectors in Niue, along with 7 fellow PICTs, have used the Tails app. More than 86,275 fishing trips in the region were uploaded using the Tails data entry app, with over 14,965 trips recorded in 2022. These data have been used to make important management decisions, track the effectiveness of nearshore FADs and report small-scale tuna catch to the WCPFC Tuna Commission.
- Niue, along with 10 fellow PICTs, submitted their questionnaires to the UNESCO Institute for Statistics annual survey, which collects internationally comparable data on key aspects of the education system.
- Niue, along with 7 fellow PICTs, benefitted from support to strengthen their NCD primary health care services, including capacity building and a system of diabetes prevention and care.

Strategic alignment

Table 1:

Strategic alignment of results for Niue

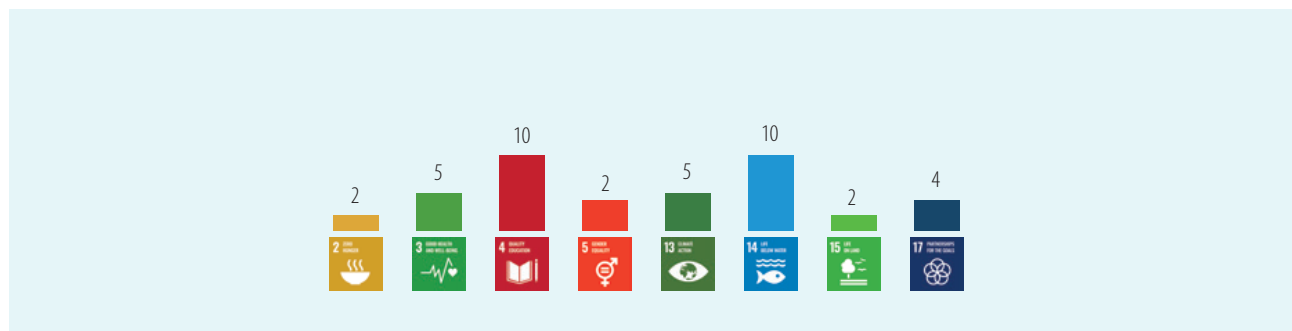
Level	Strategy/Framework	Alignment
Global	Sustainable Development Goals	SDGs 2, 3, 4, 5, 13, 14, 15, 17
Regional	2050 Strategy for the Blue Pacific Continent	7 thematic areas
National	Niue National Strategic Plan 2016 - 2026	7 pillars

Global

In 2022, SPC continued to play an essential role in bringing the SDGs to life in the Pacific region, working with our members to review and report on progress towards implementing the 2030 Agenda for Sustainable Development. SPC’s results reported for Niue in 2022 contributed to 8 of the 17 SDGs (Graph 4).

Graph 4:

Contribution to SDGs (n=40)



Regional

These results aligned and contributed to the achievement of 7 thematic areas of the 2050 Strategy for the Blue Pacific Continent:

- Ocean and Natural Environment
- People-Centred Development
- Peace and Security
- Resource and Economic Development
- Climate Change and Disasters
- Political Leadership and Regionalism
- Technology and Connectivity

National

The KFAs from SPC's strategic plan are aligned and contributed to the achievement of the 7 pillars of the *Niue National Strategic Plan 2016 – 2026* (NSP):

NSP pillar	Relevant SPC KFA
Finance and economic development	KFA 2. Natural resources and biodiversity KFA 5. Sustainable economies and livelihoods
Good governance	KFA 1. Resilience and climate action KFA 4. Equity, education and social development KFA 6. Planetary health KFA 7. Transforming institutional effectiveness
Infrastructure	KFA 1. Resilience and climate action KFA 2. Natural resources and biodiversity KFA 6. Planetary health KFA 7. Transforming institutional effectiveness
Social services	KFA 3. Food systems KFA 4. Equity, education and social development KFA 5. Sustainable economies and livelihoods KFA 6. Planetary health
Environment and climate change	KFA 1. Resilience and climate action KFA 2. Natural resources and biodiversity KFA 6. Planetary health
Tāoga Niu	KFA 4. Equity, education and social development
Private sector	KFA 5. Sustainable economies and livelihoods KFA 7. Transforming institutional effectiveness

Stories of change

Each year in the Pacific Community Results Report, SPC highlights outcomes achieved with members and development partners through selected stories of change. These are the stories of change related to Niue from the 2022 report.

Story	Title	Niue's NSP pillar	Example objective from Niue's NSP	Page
1	Leading the Pacific region in accessing climate finance	Environment and climate change	Obj. 5.5 A safe and resilient Niue to impacts and challenges of climate change.	4
2	No more rusty servers: How SPC built world class tuna data software	Finance and economic development	Obj. 1.5 Fisheries and marine resources: Sustainable and responsible investment in marine and fisheries resources.	6
3	Using statistics to characterise food systems	Social services	Obj. 4.1 Healthy lifestyle choices with well supported health services, and food and nutrition security that is sufficient, safe, affordable and accessible.	8
4	Strengthening the Pacific through accredited micro-qualifications	Good governance	Obj. 2.3 Well skilled workforce and ongoing training opportunities for lifelong learners.	10

LEADING THE PACIFIC REGION IN ACCESSING CLIMATE FINANCE



CONTEXT

PICTs account for less than 0.03% of global greenhouse gas emissions, but are highly vulnerable to the impacts of climate change. Accessing climate finance at scale to address these vulnerabilities presents its challenges. Constrained access to climate finance is largely a result of the slow and complex processes of multilateral climate funds which are difficult to navigate with limited in-house capabilities and resources to develop proposals and oversee implementation of climate change projects.

CHANGE PROCESS

To help close the gap, SPC established a Climate Finance Unit (CFU) in 2019 to:

- support eligible PICTs design concept notes and funding proposals to access climate finance from the GCF and AF;
- provide oversight of the implementation of GCF and AF projects; and
- support SPC's technical divisions to enhance their knowledge of the GCF and AF modalities.

RESULTS



SPC is rapidly becoming a global leader in facilitating access to climate finance through these funds. Since accreditation to the GCF, by the end of 2022, SPC has:

- developed the largest pipeline of projects in the Pacific of any accredited entity;
- the largest pipeline of endorsed concept notes for Pacific countries;
- the largest number of approved Project Preparation Facilities (PPF) in the region;
- achieved the fastest ever funds disbursement after project approval, globally;
- become the first accredited entity to access GCF's PPF Service modality leading to successful project approval;
- within one year of accreditation to the AF since 2021, supported Fiji and PNG to submit concept notes, both of which have already been endorsed; and
- supported FSM in achieving several firsts for the Pacific, including the region's first GCF Enhancing Direct Access pilot programme (2021), updated GCF Country Programme (2022) and multi-year Readiness Programme grant (2022).



"Local communities are vulnerable because they lack the technical and financial capacity to address their climate risks... This project is timely because climate change is hitting FSM harder and more frequently."

The Honourable Eugene Amor, FSM's Secretary for the Department of Finance and Administration



LESSONS LEARNED

The experience of setting up and running SPC's CFU highlights the importance of government engagement and ownership in developing proposals and implementing projects that can have meaningful impact. It is essential to take a collaborative approach, listening to and learning from government counterparts, to gain valuable insights and lessons that might otherwise be overlooked. This requires the active involvement and support of SPC's regional offices and technical divisions to build on existing trusted relationships with government stakeholders.



NO MORE RUSTY SERVERS: HOW SPC BUILT WORLD CLASS TUNA DATA SOFTWARE



CONTEXT

The Pacific Ocean is home to the world's largest and most geographically sparse tuna fishery. With this comes many challenges in collecting and managing the region's fisheries data, which is critical for fisheries stock assessments and fisheries management needs. While many other industries moved to web-based software in the mid-2000s, fisheries databases were mostly localised, MS Access-based systems that worked effectively, but were difficult to maintain and overdue for upgrade.

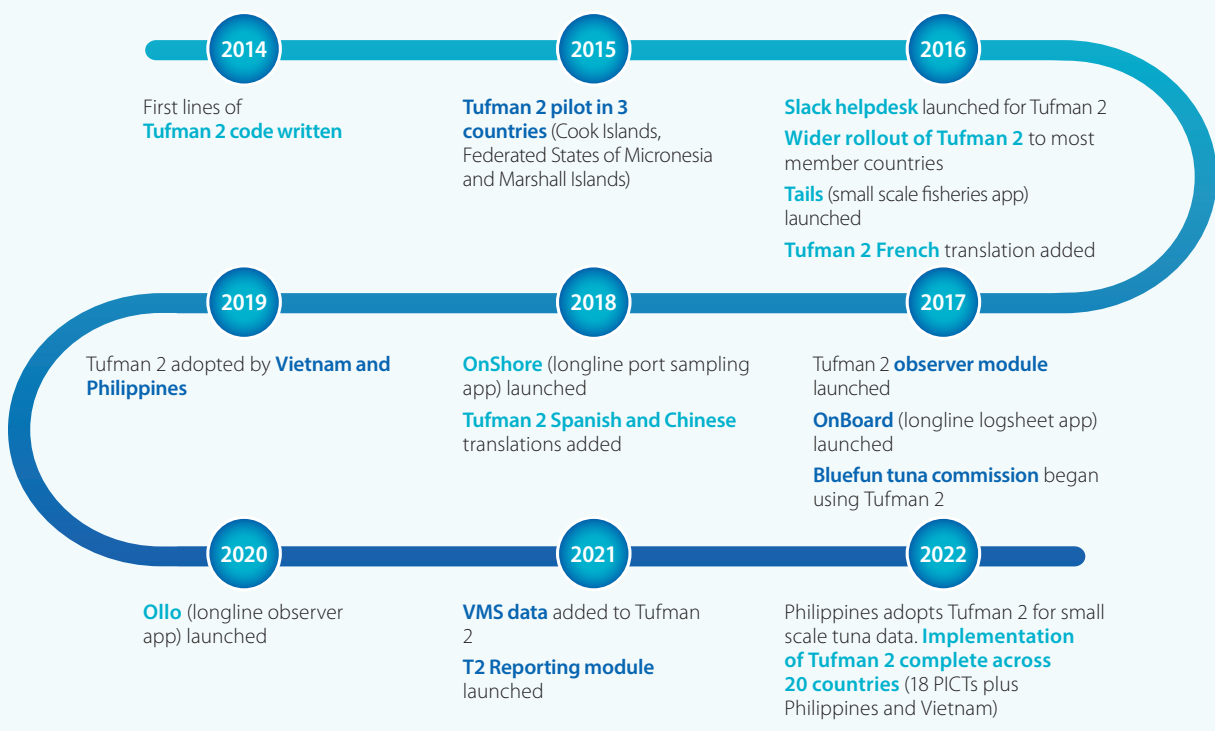
An example of the Tufman 1 (Tuna Fisheries Database Management System) server in Niue, which after many years of faithful service was no longer the most secure home for critical fisheries data.



CHANGE PROCESS

SPC spent three years building and rolling out an initial web-based fisheries system, followed by the consolidation of several legacy fish data applications into the new web system.

Timeline





RESULTS

National fisheries offices can now easily access tuna fisheries data for management and decision making. All operational Pacific tuna fisheries data is in one place, centrally managed within Tufman 2, making it more secure and efficient. Tufman 2 currently houses many different types of fisheries data and has four companion apps for electronic reporting into the database. The system performs automated checks to clean the data.

Since Tufman 2 was launched in 2015 over 1000 user accounts have been created, with 100 of these being daily users. The success of the software was evidenced in a 2022 survey, where 80% of users responded that since they began using Tufman 2 they have better access to their data (e.g., at regional meetings or working from home), 81% reported having less bugs and problems than other fisheries systems and 95% claimed it had better data security.

The software has also received international recognition, being the software of choice for the Philippines, Vietnam and the Commission for the Conservation of Southern Bluefin Tuna, over national or commercially available systems.

Tufman 2 plays a critical role in the fishery, holding catch and effort data that underpins the entire fishery. The data is used to inform policymaking, management plans, fisheries enforcement, revenue negotiations and other national priorities.



“The information provided by Tufman 2 data contributes towards the national policies such as the Tuna Management Development Plan, Tuna Investment Plan, MCS Strategic Plan and other important policies related to tuna fisheries implemented plans of actions.”

2022 survey respondent

LESSONS LEARNED

Throughout the development of Tufman 2, the continuity of team and technical excellence of developers enabled the expansion and improvement of the software with new modules and companion mobile applications. The main lesson learned during this process was the necessity for close collaboration between SPC and its member countries, to incorporate user feedback into software improvements. SPC will continue the development of Tufman 2 to ensure it remains current with new technologies (including reading e-reporting and e-monitoring data) and work to keep innovating and improving the system.

DIVISION: FAME

DONORS: Ministry of Foreign Affairs and Trade (New Zealand), Western and Central Pacific Fisheries Commission, Global Environment Facility

USING STATISTICS TO CHARACTERISE FOOD SYSTEMS

2

ZERO HUNGER



3

GOOD HEALTH AND WELL-BEING



14

LIFE BELOW WATER



CONTEXT

Food systems play a crucial role in shaping the health, food security and prosperity of Pacific countries and territories. A food system is a complex network of elements involved in the production, processing, trade and consumption of food. In the Pacific region, fragmented and sectoral information on food systems is a challenge, especially with the rise in dietary-related NCDs, urbanisation, supply chain disruptions and climate change impacts. SPC is developing an integrated programme of work to address the multi-faceted opportunities and challenges for food systems in the Blue Pacific. Within this programme, SPC is collaborating with regional partners to fill critical gaps in understanding regional, national and local food systems.

CHANGE PROCESS

The Food Systems project, funded by the Australian Centre for International Agricultural Research (ACIAR) aims to bridge the supply–use data gap in the Pacific by analysing agri-food systems and food sector policies. The project developed the Pacific Nutrient Database, which used Pacific guidelines for healthy living to estimate consumption of Pacific foods, and allowed for reporting of statistics using Pacific-relevant classifications. The project also extended the use of national household income and expenditure survey (HIES) data to estimate dietary energy consumption and composition among 13 Pacific Island countries. This was accomplished by using publicly available production and trade data to make temporal estimates of food and nutrient production and trade. The research was used by SPC and national agencies in Niue, Solomon Islands and Vanuatu.

RESULTS



By December 2022, SPC and partners had significantly contributed to the understanding of food systems in the region with the production of the following resources:



6 national food consumption reports

using the FAO/WorldBank software ADePT-FSM to provide consistent food and nutrient consumption statistics from food consumption data collected in HIES;



6 food systems briefs

to improve the flow of information to policy makers and other stakeholders to achieve food and nutrition security in the Pacific region; and



8 national food security profiles

which provide national snapshots on a range of SDG-oriented indicators.



SPC's work on the Food Systems project has made significant contributions to understanding Pacific food systems and influenced national, regional and global conversations on food systems. The work has led to the development of national Food Systems Pathways and provided a knowledge base for action in various areas such as science for food production, healthy food environments and digital technologies. As the leading research and statistical systems organisation in the Pacific, SPC's work in health, climate, ocean science, disaster resilience, agriculture and forestry, fisheries and aquaculture, water, energy, culture, human rights, youth and gender has helped to understand food and nutrition security and the evolution of the Pacific food system. SPC is the only regional agency that has the combined capability across multiple areas related to the blue and green nexus of food production, consumption, trade and policy. The availability of representative food systems data enables evidence-based policy implementation, resulting in favourable outcomes for Pacific people.

LESSONS LEARNED

The lack of nationally representative food systems data is a concern and requires the development of national statistics systems. Surveys and instruments must be adapted to the Pacific context for efficient, consistent and quality data. SPC plays a crucial role in coordinating partnerships, disseminating results and increasing statistical capacity in the Pacific. Internally, programmatic approaches add value, and staff need to be supported in managing core workload to contribute and advance these key, strategic areas of work.

DIVISION: SDD
DONORS: Australian Government

STRENGTHENING THE PACIFIC THROUGH ACCREDITED MICRO-QUALIFICATIONS



CONTEXT

Today's workers must continuously upskill themselves to keep pace with changing skills requirements and more Pacific Islanders are turning to micro-qualifications to fill these gaps. A micro-qualification is an accredited short course (less than 40 credits) addressing a specific need.

Not only are micro-qualifications responsive to the capacity-building needs of the region, but they are also packaged in a way that offers greater flexibility for learners, particularly those with experience but lacking formal education. SPC's EQAP is the first Pacific quality assurance agency to accredit short courses as micro-qualifications.

CHANGE PROCESS

EQAP's Qualifications team supports industries and training organisations in creating and accrediting full or micro-qualifications on the *Pacific Qualifications Framework* that are delivered by accredited training providers. The work began in 2018 with the development of three micro-qualifications piloted through the support of the internal Innovation Fund at SPC. Micro-qualifications have grown in importance and 2022 saw significant expansion in demand, providing support for the development and accreditation of 16 micro-qualifications for the:

- Oceania National Olympic Committees (ONOC);
- Fiji Meteorological Service (FMS); and
- University of the South Pacific (USP);
- Fiji National University (FNU) (see table below).



RESULTS

All existing micro-qualifications are proudly owned by the Pacific, developed with the involvement of Pacific nations, accredited by a regional quality assurance agency and accessible for delivery by training providers throughout the region. In 2022, **60 individuals received an accredited micro-qualification**, allowing for increased knowledge and employability, as well as improved livelihoods. The accreditation process initiated by EQAP has also raised the standard of education offered by institutions, providing Pacific students access to quality, accredited courses without needing full qualifications. The resulting improved skills and access to quality education opens opportunities in critical sectors, including labour and learner mobility, for a greater portion of the Pacific population, addressing the skill gaps in the region.



“Whilst there is a lot of literature and other training courses that already exist, they are not necessarily customised to suit the environment in the Pacific where we don't necessarily have all of the resources, infrastructure, or services that one would have in a developed country ... So, what we have been doing here... is definitely very valuable ... developed by Pacific people for the Pacific.”

— ONOC Athletes' Commission Chair Karo Lelai

Micro-qualifications supported in 2022



Organisation supported by EQAP



LESSONS LEARNED

Involving the relevant industry from the outset ensures industry ownership of the qualification and provides valuable insight into the necessary skill sets for the employability of graduates. Despite setbacks in finding independent experts to carry out the evaluation of the micro-qualifications and limited staff capability to compile quality accreditation applications, EQAP achieved growth in its qualifications section through industry support and more organisations seeking the service. Creating and maintaining a pool of qualified professionals to maintain quality assurance of micro-qualifications within SPC's divisions is essential for the sustainability of the programme.

EQAP's Qualifications team leader, Rajendra Prasad, (far right), with FNU representatives at the completion of the third cohort of micro-qualifications development and accreditation training conducted by EQAP.








DIVISION: EQAP





DONORS: Initial funding was an SPC Innovation Fund project in 2018, and since then all micro-qualifications work has been funded through fee for service agreements with the entities involved.



Annex 1: Niue results table 2022

All 2022 results can be accessed via the [Results Explorer](#), where results can be searched and filtered by KFA, SDG contribution, SPC division, PICT, subject, year and pathway.


KFA 1. Resilience and climate action NSP pillars: Good governance; Infrastructure; Environment and climate change				
Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
<p>14 PICTs continued to benefit from the Regional Pacific Nationally Determined Contribution (NDC) Hub (http://pacificndc.org/), a multi-partner platform comprised of SPC, SPREP, GIZ, UNDP and IRENA). The Hub is committed to supporting PICTs in reviewing, enhancing and implementing their climate commitments. Under the NDC programme, 25 requests were approved for phase 3 funding in 2022, bringing the total number of implemented projects to 62, with the above partners since the inception of the Hub.</p> <p>SPC continued to provide coordination and technical support to 5 projects in 4 PICTs (Federated States of Micronesia [FSM], Kiribati, Niue, Papua New Guinea [PNG]) in 2022. 2 of these projects were completed in 2022, Energy Retrofitting (FSM) and the development of the Communications Strategy on Climate Change (Niue). The remaining 3 projects are in initial planning stages and ongoing:</p> <ul style="list-style-type: none"> - Launching and Implementation the NDC (FSM); - Capacity building in the assessment, design and construction of low energy/carbon buildings (Kiribati); and - Strengthening PNG's effective framework for Land use Governance, Reporting and Monitoring. <p>Among the approved requests included appliance environmental labelling via Minimum Energy Performance Standards and product labelling (Kiribati), which was developed by SPC.</p>	Innovation and research	Change in attitude	Cook Islands, Fiji, Federated States of Micronesia, Kiribati, Nauru, Niue, Palau, Papua New Guinea, Marshall Islands, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu	
8 regional projects were identified, developed and submitted to the Kiwa Initiative in support of their climate change adaptation efforts through the implementation of nature-based solutions (NbS). These projects will benefit 16 PICTs. The Kiwa Initiative is a multi-donor programme that aims to strengthen the climate change resilience of Pacific Island ecosystems, communities and economies through NbS by protecting, sustainably managing and restoring biodiversity.	Capability and influence	Output	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu, Tokelau, Wallis and Futuna, REGIONAL (all PICTs)	
120 participants (54 men, 42 women, 24 unknown) from 20 PICTs and funding partners participated in a workshop on nationally determined contributions, access to climate finance and nature-based solutions for climate change adaptation.	Capability and influence	Output	Cook Islands, Federated States of Micronesia, Fiji, France, French Polynesia, Kiribati, Nauru, New Caledonia, Niue, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu	
469 people participated in regional and global forums relating to climate change. Notable participation included 20 Pacific participants at the regional ORSNET meeting, 2 participants from Fiji at the Global DRR meeting in Bali and 1 participant from Samoa was funded by SPC to participate in the 2022 Common Alerting Protocol (CAP) Implementation Workshop and Training in Amsterdam, co-hosted by the World Meteorological Organization.	Capability and influence	Output	Fiji, Nauru, Kiribati, Marshall Islands, Solomon Islands, New Caledonia, Niue, Samoa, Tonga, Tuvalu, Vanuatu	

Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
<p>Several resilience and climate legislation/regulations/policies/plans were developed or reviewed with support from SPC (GEM DCRP), including:</p> <ul style="list-style-type: none"> • Concept town plans were developed for 2 towns in Vanuatu (Lenakel and Lekatoro), following a hazard risk assessment conducted by SPC. • Emergency Management Capacity Building Action Plan was developed for Marshall Islands, linked to its NDMO Strategic Roadmap. • Funafuti Drought Management Plan was reviewed in collaboration with the Tuvalu Government and SPC through its Integrated Water Resources Management (IWRM) programme. • Guidelines were developed for decision makers for water security in the aftermath of the Hunga volcano eruption in Tonga. • The Pacific Risk Information System (PacRIS) review was completed, under the Pacific Catastrophe Risk Assessment and Financing Initiative (PCRAFI). • Oceania Regional Seismic Network (ORSNET) country policies and plans were enhanced to improve seismic monitoring and detection. • The Ridge to Reef approach was categorised reliably as an effective tool for sustainable natural resource governance. • Emergency guides and assessments to support Kiribati response efforts to the drought declared in June. 	Policy to action	Output	Cook Islands, Fiji, Kiribati, Niue, Papua New Guinea, Marshall Islands, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu, REGIONAL(all PICTs)	



KFA 2. Natural resources and biodiversity NSP pillars: Finance and economic development; Infrastructure; Environment and climate change				
Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
A user survey covering 15 PICTs on TUFMAN 2 found that 80% of respondents agreed they have better access to their data (e.g. at regional meetings or when working from home). Additionally, 81% agreed that TUFMAN 2 had fewer bugs and problems than other data management software, and 95% agreed it had better data security than the legacy TUFMAN 1 database.	Digitalisation and technology	Impact	Cook Islands, Fiji, French Polynesia, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, New Caledonia, Niue, Palau, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu.	
As of December 31, more than 86,275 fishing trips had been uploaded using the Tails data entry app, with over 14,965 trips recorded in 2022, an increase of 70,973 trips uploaded in 2021. The app has been used by 87 active data collectors in 8 PICTs, down from 106 data collectors from 8 PICTs in 2021, to log 594 unique species and 2.1 million kg of fish since its launch 6 years ago. These data have been used to make important management decisions, track the effectiveness of nearshore FADs, and report small-scale tuna catch to the WCPFC Tuna Commission, indicating the success of tablet-based data collection.	Digitalisation and technology	Change in practice	Cook Islands, Federated States of Micronesia, Fiji, Nauru, Niue, Tokelau, Tonga, Vanuatu	
All PICTs using TUFMAN 2 for tuna data management, are now using the TUFMAN 2 reporting tool that was rolled out in 2020. Introductory training in 2021 ensured a quick uptake. This reporting tool provides PICTs with a comprehensive suite of over 100 report summaries, allowing the extraction of data by type, or report summaries integrating several different data types. The new tool uses the hashtag philosophy that allows users to find reports quickly and efficiently.	Digitalisation and technology	Change in practice	Cook Islands, Fiji, French Polynesia, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, New Caledonia, Niue, Palau, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu.	
Niue and Tonga initiated discussions towards establishing formal boundaries between their 2 maritime zones. The leaders of both countries met and discussed the importance of the maritime boundary and the potential establishment of formal diplomatic relations between the 2 countries.	Policy to action	Change in attitude	Niue, Tonga	








Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
In 2022, Niue launched their national Ocean Conservation Credits scheme, based on the Nukutuluea Multi-Use Marine Park coordinates that was completed in 2021.	Policy to action	Change in practice	Niue	
CePaCT has collected, processed, and packed seeds from 30 native tree species to be shipped to the Millennium Seed Bank (MSB) in Kew Gardens, UK. These will be added to the existing 43 tree species (61 accessions) from Fiji that are already conserved in the MSB from previous years. In addition, 124 seed accessions of 16 vegetable crops were received from the World Vegetable Center and 4 new drought-tolerant taro landraces were received from the University of Madeira, Portugal.	Innovation and research	Change in practice	Cook Islands, Fiji, French Polynesia, Kiribati, Marshall Islands, Federated States of Micronesia, New Caledonia, Niue, Palau, Papua New Guinea, Solomon Islands, Tokelau, Tonga, Samoa, Vanuatu, Tuvalu, REGIONAL (all PICTs)	



KFA 3. Food systems NSP pillar: Social services

Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
CePaCT continued to distribute nutritious and resilient crop varieties to support food security in PICTs. 212 accessions (2087 plant samples) of Alocasia, banana, breadfruit, cassava, pineapple, potato, swamp taro, sweet potato, Xanthosoma, yams, taro, vanilla and coconut embryos sourced from CePaCT collections were distributed to Belgium, Federated States of Micronesia, Fiji, Nauru, Samoa, Tonga and the University of Queensland in 2022.	Innovation and research	Change in practice	Cook Islands, Fiji, French Polynesia, Kiribati, Marshall Islands, Federated States of Micronesia, New Caledonia, Niue, Palau, Papua New Guinea, Solomon Islands, Tokelau, Tonga, Samoa, Vanuatu, Tuvalu, REGIONAL (all PICTs)	

KFA 4. Education, equity and social development NSP pillars: Good governance; Social services; Taoga Niue





Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
11 PICs submitted their questionnaires to the UNESCO Institute for Statistics (UIS) annual survey. Primary to tertiary level data from national education systems were used to complete the questionnaire. The UIS survey collects internationally comparable data on key aspects of the education system and the template also helps countries to understand, in a very transparent manner, how the indicators are calculated following international methodologies. Countries can use the template to transfer the national data into international data and indicators without many resources and can use it for their national monitoring and policy discussions.	Data, statistics and knowledge	Change in practice	Cook Islands, Federated States of Micronesia, Fiji, Marshall Islands, Nauru, Niue, Palau, Samoa, Tokelau, Tuvalu, Vanuatu	
6 qualifications and 4 micro-qualifications were accredited in 2022 for the Kiribati Institute of Technology, Fiji National University and SPC divisions (GEM, FAME). The accredited resilience qualifications are available to all 15 PICs under the Technical and Vocational Education and Training (TVET) pathway of the Pacific Adaptation to Climate Change and Resilience Building (PACRES) project.	Capability and influence	Change in practice	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
The micro-qualifications accredited for FNU are delivered by the university to Fiji nationals in the areas of food safety, ICT, customer relations, hospitality and tourism studies. The professional certificate in community fisheries compliance is available to people employed in the industry in all 15 PICs, to improve skills and knowledge in gaining a formal qualification. The Certificate IV in Teaching English to Speakers of Other Languages targeted teachers and trainers to teach English as an additional language.				







Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
Increasing number of accredited qualifications and SPC-accredited institutions delivering both qualifications and micro-qualifications. A total of 4 applications were received from the Samoa Qualifications Authority and registered on the Pacific Register of Qualifications and Standards (PRQS) system. The qualifications uploaded to this system can be accessed by any PICTs user for guidance on tertiary education pathways. The number of qualifications in the PRQS has grown from the baseline of 148, established 5 years ago, to 314 by year's end.	Digitalisation and technology	Change in practice	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
24 ministry of education officials (15 women, 9 men) from 12 PICTs (Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Papua New Guinea, Samoa, Tonga, Tuvalu, Vanuatu) are now able to use the UNESCO Institute for Statistics (UIS) tools and methodologies such as applying international standards in the production and reporting of data, performing data analysis, monitoring and reporting on SDG 4 indicators, following participation in the regional workshop on Strengthening National Capacities in Education Data and Statistics for Evidence-Based Policy Making, Planning, and Monitoring, supported by SPC with the collaboration of the UIS. (Cook Islands: 3 women; Federated States of Micronesia: 2 men; Fiji: 1 man; Kiribati: 2 women; Marshall Islands: 1 man; Nauru: 3 women; Niue: 1 woman; Papua New Guinea: 3 women; Samoa: 2 women; Tonga: 1 woman, 1 man; Tuvalu: 1 man, 1 woman; Vanuatu: 2 men)	Capability and influence	Change in knowledge	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Papua New Guinea, Samoa, Tonga, Tuvalu, Vanuatu	
Research was completed on Early Childhood Education (ECE) participation and PILNA outcomes (including underlying factors contributing to cohort survival rates, drop-out rates and re-entry rates), with support from SPC and implementing agencies. All 15 Pacific Regional Education Framework (PacREF) participating PICTs were involved in both research initiatives, and the results will be presented at the Conference of Pacific Education Ministers in March 2023.	Innovation and research	Change in knowledge	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
The 2021 Pacific Islands Literacy and Numeracy Assessment (PILNA) report was completed, including contributions from all 15 PICTs. The reporting process involved 14 field visits, which reached a total of 361 stakeholders (208 women, 153 men), the majority of whom were from the education sector. The report was presented for the first time through a digital platform, which made it accessible to all relevant stakeholders. The digital reporting of PILNA was endorsed by the Heads of Education from across the Pacific at the Pacific Board for Education Quality (PBEQ) meeting in March 2022. The PILNA report contains valuable information related to the reading, writing and numeracy standards of Year 4 and Year 6 students in participating countries. The report also includes data collected through contextual questionnaires by participating students, teachers and leaders of participating schools. Both cognitive and contextual data were included in the report, providing critical information for the ministries of education and other stakeholders in all participating countries.	Digitalisation and technology	Change in knowledge	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
19 members (11 women, 8 men) from all 15 participating PICTs attended the Pacific Board for Education Quality (PBEQ) meeting. The meeting deliberated EQAP's progress in 2021, its 4-year business plan and discussed priorities, opportunities and challenges, especially related to COVID-19.	Capability and influence	Output	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
32 participants (17 men, 15 women) from 10 PICTs took part in the country focal point workshop for the Pacific Regional Education Framework (PacREF). A further 10 participants (6 women, 4 men) from 9 PICTs took part in the annual MEL reflection workshop for PacREF. Challenges and lessons learned shared during the workshop contributed to the drafting the PacREF mid-year and annual report for 2022. A new PacREF monitoring tool was also developed and demonstrated in the same workshop. These workshops help to strengthen collaboration for PacREF.	Capability and influence	Output	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu	
All 15 participating PICTs in the Pacific Regional Education Framework (PacREF) teacher standards programme benefitted from support provided to strengthen the capacity of their ministry of education personnel (teachers and teacher training providers) in writing country standards and conducting quality control and feedback on the standards.	Policy to action	Output	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	

Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
All 15 PICTs were involved in the data collection for the mid-year and annual reporting on the Pacific Regional Education Framework (PacREF). The data was classified based on progressing stories (which consisted of highlights, challenges and lessons learned) and the outcome-based report from the mid- and year-end workshops. The PacREF Monitoring and Evaluation six-monthly report (January–June) was endorsed and shared with the PacREF Facilitating Unit.	Data, statistics and knowledge	Output	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
The 21st Pacific Maritime Boundaries Development Working Session was held in December with 45 participants (13 women, 32 men). The meeting advanced outstanding technical and legal work in delineating maritime zones by national stakeholders and a consortium of partners. Ongoing support was provided through PacWIMA to identify women in the region who require specific maritime training. Funding was also secured from the International Maritime Organization's Women in Maritime programme to procure IT equipment and licenses.	Policy to action	Change in practice	Fiji, Kiribati, Niue, Samoa	
60 participants joined a hybrid panel discussion event to commemorate the inaugural International Day for Women in Maritime. The event was aimed at celebrating the contributions of women in the maritime industry and promote their recruitment, retention and continued employment in the sector. It also served to raise awareness of the current imbalance in employment opportunities and to encourage greater gender diversity and awareness of the profile of women in maritime, and commitment to SDG 5 (gender equality).	Capability and influence	Change in attitude	Cook Islands, Fiji, Kiribati, Marshall Islands, Papua New Guinea, Nauru, Niue, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu, REGIONAL (all PICTs)	
349 participants from 18 PICTs received regionally-recognised vocational certification in fisheries, aquaculture and management, namely: <ul style="list-style-type: none"> • 177 participants trained in leadership through the Pacific Fisheries Leadership Programme (89 women, 87 men, 1 other) • 41 participants received a micro-qualification in Establishing and Operating a Small Seafood Business • 36 students completed a Certificate IV in Resilience (Climate Change Adaptation and Disaster Risk Reduction) • 15 participants (6 women, 9 men) completed a micro-qualification in Maintaining Seafood Safety and Quality in Solomon Islands • 32 students (13 women, 19 men) were sponsored for the Certificate IV in Coastal Fisheries and Aquaculture Compliance • 12 participants completed a Certificate IV Training and Assessment • 36 participants completed the Certificate 4 in Debriefing Operations or Refresher Observer training (all male) 	Capability and influence	Change in knowledge	American Samoa, Cook Islands, Fiji, French Polynesia, Federated States of Micronesia, Kiribati, Marshall Islands, Nauru, New Caledonia, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
12 fisheries, aquaculture and management courses were designed, delivered or quality assured by FAME in 2022, that meet regional vocational standards: <ul style="list-style-type: none"> • Certificate IV In Coastal Fisheries and Aquaculture Compliance • PIRFO Certification 4 in Debriefing Operations • PIRFO Observer Refresher training • Observer training on purse seine and gillnet fisheries • Leadership for Change as part of the Pacific Fisheries Leadership Programme (PFLP) • 6 mini-workshops as part of the PFLP 	Capability and influence	Output	American Samoa, Cook Islands, Fiji, French Polynesia, Federated States of Micronesia, Kiribati, Marshall Islands, Nauru, New Caledonia, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	

KFA 5. Sustainable economies and livelihoods




NSP pillars: Finance and economic development; Social services; Private sector


Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
The Pacific Tides App was officially launched in 2022. A fact sheet to promote the app was included in the 2023 tide calendars for all 14 participating PICTs. The app provides a simple way to access unlimited tidal and moon phase forecast information and is 100% available offline with the Real-time Tide Tracker. As of the end of 2022, the app had a total of 1717 users (1300 Android users, 417 Apple users), SPC provided technical support under the COSPPac Project.	Digitalisation and technology	Change in practice	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Tonga, Tuvalu, Vanuatu, REGIONAL (all PICTs)	
13 Pacific Islanders successfully completed an accredited hybrid training on Level 1 Aids to Navigation. The course was developed and hosted through the SPC's Regional Training Centre on the Ocean Teacher Global Academy Platform.	Capability and influence	Change in knowledge	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu	
The regional workshop on International Merchandise Trade Statistics (IMTS) was held in Nadi, Fiji, from 5–10 December with 50 attendees and 15 PICTs represented (30 participants and 20 technical experts/facilitators, 18 women, 32 men). The workshop focused on data compilation, analysis, dissemination, indicators and use of IMTS. The workshop materials and outcome statement were also published on the SDD website for public access.	Capability and influence	Output	American Samoa, Cook Islands, Federated State of Micronesia, Fiji, French Polynesia, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tuvalu, Vanuatu	
The latest International Merchandise Trade and Services (IMTS) analytical tables were released for 14 PICTs on the SDD website and PDH.stat. These include: <ul style="list-style-type: none"> - Cook Islands: April 2021 to July 2022 - Fiji: April 2022 to August 2022 - French Polynesia: 2021 - Guam: Q1 and Q2 2022 exports and imports October 2020 - Kiribati: 2021 and up to June 2022 - New Caledonia: 2021 and up to May 2022 - Northern Mariana Islands: 2021 - Niue: 2021 - Papua New Guinea: 2020 - Samoa: Q1 and Q2 2022 - Tonga: Q2 2021, to June 2022 - Tuvalu: 2021 - Vanuatu: March 2022 to September 2022 - Wallis and Futuna: 2021 	Data, statistics and knowledge	Output	Cook Islands, Fiji, French Polynesia, Guam, Kiribati, New Caledonia, Niue, Northern Mariana Islands, Papua New Guinea, Samoa, Tonga, Tuvalu, Vanuatu, Wallis and Futuna	

KFA 6. Planetary health NSP pillars: Good governance; Infrastructure; Social services; Environment and climate change				
Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
A gap analysis was conducted on the emergency response and early warning systems of national plant protection organisations/biosecurity agencies, engaging representatives from 16 PICTs. This analysis aimed to identify biosecurity concerns and areas for improvement.	Data, statistics and knowledge	Output	Cook Islands, Federated States of Micronesia, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands Republic, Nauru, New Caledonia, Niue, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu	
8 PICTs benefitted from support to strengthen their NCD primary health care services: - Niue and Tonga for building capacity and a system of diabetes prevention and care; - Tuvalu diabetes centre and French Polynesia clinic-based wellness intervention; - Fiji diabetes referral pathway, education and management; - Papua New Guinea for a diabetes care system and capacity; and - Kiribati and Cook Islands diabetes centres.	Capability and influence	Change in practice	Cook Islands, Fiji, French Polynesia, Kiribati, Niue, Papua New Guinea, Tonga, Tuvalu	
3 surveys in 11 PICTs were completed and presented to participating PICTs during the Directors of Clinical Services and Pacific Heads of Nursing and Midwifery meetings. All recommendations were agreed upon by country representatives. The 3 surveys were: - A Sepsis survey for Kiribati - A Medical Intern and Clinician Workforce survey for 9 PICTs - A Critical Care Nurses survey for 9 PICTs	Data, statistics and knowledge	Change in attitude	Cook Islands, Kiribati, Nauru, Niue, Northern Marianas, Palau, Solomon Islands, Tonga, Tokelau, Tuvalu, Vanuatu	
10 meeting recommendations to strengthen laboratory services in the Pacific were agreed to by all 13 PICTs at the LabNet meeting.	Capability and influence	Change in attitude	Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Nauru, Niue, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu.	
The 13th Pacific Heads of Health (PHoH) Meeting was held virtually to discuss important national and regional health priorities. During the meeting, recommendations were made and shared with governments and development partners regarding key health priority areas. 29 participants attended the meeting from 13 PICTs, as well as Australia and New Zealand, representing 15 of 21 member countries and territories.	Capability and influence	Output	Cook Islands, Fiji, French Polynesia, Kiribati, Nauru, Niue, Marshall Islands, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu, Wallis and Futuna	
SPC continued its support for regional meetings of the Directors of Clinical Services (DCS) and Pacific Heads of Nursing and Midwifery (PHoNM). These meetings resulted in several important outcomes: - At the PHoNM meeting, more support was pledged for nursing education. An additional Graduate Certificate in Critical Care Nursing was approved for Cook Islands, and to continue in Kiribati, Palau and Tuvalu. - At the DCS meeting, the focus was on supporting education and continuous professional development, strengthening leadership through more capacity building initiatives and updating the 2022 clinician workforce database.	Capability and influence	Output	Cook Islands, Fiji, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, Niue, Palau, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu	

KFA 7. Transforming institutional effectiveness

NSP pillars: Good governance; Infrastructure; Private sector

Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
The SPC Heads of Fisheries requested that FAME prioritise member needs and align their priorities accordingly, and in 2022, FAME began a trial of a tracking system to record member requests for support and track their progress. At the end of 2022, 58 requests were received from 15 PICTs, with 25% of the requests completed and 47% in progress.	Digitalisation and technology	Change in practice	Cook Islands, French Polynesia Kiribati, Nauru, New Caledonia, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tokelau, Tuvalu, Vanuatu, Wallis and Futuna	
<p>Post-training surveys on training delivered by SPC (FAME) confirmed strengthened capacities in related technical skills and application of knowledge in their work, following participation in:</p> <ol style="list-style-type: none"> 1. The Pacific Fisheries Leadership Programme (PFLP) where 97% (n=38) of surveyed participants indicated that they had applied the leadership knowledge in the workplace. 2. Micro-qualification in Maintaining Seafood Safety and Quality, where, in a 6-month post training survey completed by 65% of participants, 77% confirmed that they applied the learnings to their business operations in terms of improving customer service, cash flow method, sales monitoring, grading fish hygiene and packaging, cold storage and fish handling techniques. 3. Micro-qualification in Establishing and Operating a Small Seafood Business course, where, in a 6-month post-training survey completed by 46% of scholarship recipients, 63% of respondents strongly agreed that they gained new skills and knowledge at the training, while a further 53% strongly agreed to have taught others in their communities the skills gained at the training. 4. Certificate IV in Resilience (Climate Change Adaptation and Disaster Risk Reduction), where, in a 6-month post-training survey completed by 55% of training participants, 94% of respondents confirmed that they were empowered to contribute to team effectiveness and 61% applied workplace health and safety procedures more effectively in their respective work environments. 50% of the respondents of were able to conduct and implement risk assessments and measures respectively for climate change disasters/hazards in their locations. 5. Certificate IV in Coastal Fisheries and Aquaculture Compliance, where, in a 6-month post-training survey completed by 39% of those sponsored for the training, 86% confirmed that they applied good governance procedures and appropriate social principles when undertaking MCS activities in their workplace and 71% confirmed that improvements were made with note-taking, training of rights holders, communication with stakeholders, interpreting regulations and market survey methodology. 6. Gender and social inclusion training for Solomon Islands, where, in a 6-month post-training survey completed by 49% of training recipients, 100% of those surveyed (25 respondents) agreed that they have gained new skills while 83% were able to use the new skills in their work. 64% of those surveyed had done something differently in their work as a result of the training with half of these noticing positive changes as a result. 	Capability and influence	Change in practice	American Samoa, Cook Islands, Fiji, French Polynesia, Federated States of Micronesia, Kiribati, Marshall Islands, Nauru, New Caledonia, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	
<p>In 2022, FAME's total number of trained participants was 1024 participants (605 men, 393 women, 25 unspecified, 1 other) from 18 PICTs, compared to 1090 (671 men, 419 women) in 2021, of which:</p> <ul style="list-style-type: none"> • Aquaculture: 51 (19 women, 32 men) • Coastal Fisheries Management and Livelihoods: 288 (97 women, 191 men) • Data Management: 117 (43 women, 56 men, 18 unspecified) • Gender and Human Rights: 30 (17 women, 13 men) • Pacific Fisheries Leadership Programme: 177 (89 women, 87 men, 1 other) • Fisheries Ecosystem Monitoring and Analysis: 48 (3 women, 45 men) • Stock Assessment: 241 (105 women, 129 men, 7 unspecified) • Science: 72 (20 women, 52 men) 	Capability and influence	Output	American Samoa, Cook Islands, Fiji, French Polynesia, Federated States of Micronesia, Kiribati, Marshall Islands, Nauru, New Caledonia, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	

Result information	Primary pathway	Type of result	PICTs benefiting from the result	Primary SDG contribution
<p>10 PICTs (Cook Islands, Kiribati, Marshall Islands, Nauru, Niue, Papua New Guinea, Samoa, Tokelau, Tuvalu, Vanuatu) received technical assistance for their national data collection efforts. This work is the result of a collaboration between SDD, who provided technical support during implementation, and PACSTAT and UNFPA, who provided funding. Support to:</p> <ul style="list-style-type: none"> - Cook Islands: Data Management System (DMS) support to the national census - Vanuatu: with their HIES and the finalisation of its 2020 census analytical report - Tuvalu: with their long-form census - Samoa: by its Food Away from Home innovative experiments, an innovative project supported by PACTSTAT. - Nauru: with the DMS and editing of its 2020 census - Niue: with StatsNZ and Tokelau NSO on CAPI and Questionnaire Design - Kiribati: with its drafted Atlas census - Marshall Islands: DMS to censuses, validation of its 2020 census, and ongoing support on CAPI - Tokelau: census support in collaboration with Stats NZ, on questionnaire design and virtual trainings - Papua New Guinea: with its Sociodemographic survey. 	Data, statistics and knowledge	Change in knowledge	Cook Islands, Kiribati, Marshall Islands, Nauru, Niue, Papua New Guinea, Samoa, Tokelau, Tuvalu, Vanuatu	

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