

15th South West Pacific Hydrographic Commission Conference

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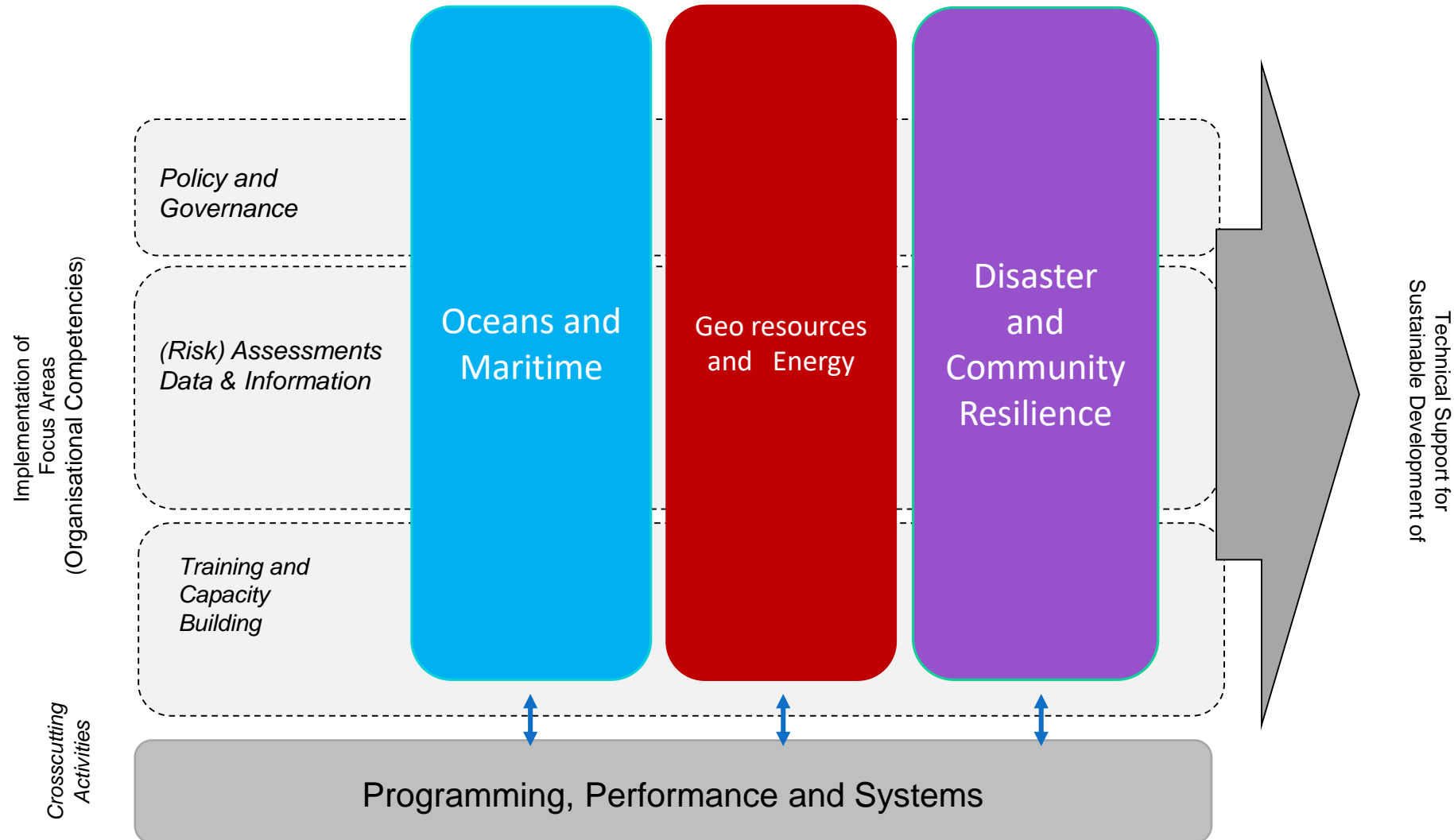
GeoScience, Energy and Maritime (GEM) Division – Pacific Community (SPC)

BACKGROUND

- SPC Economic and Development Division (EDD) and SPC Geoscience Division (GSD) mandates
- SPC Strategic Plan 2016-2020
- SPC prioritization process

NEW GEOSCIENCE ENERGY AND MARITIME (GEM) DIVISION

Areas of Scientific Programming



NEW GEOSCIENCE ENERGY AND MARITIME (GEM) DIVISION



Pacific
Community
Communauté
du Pacifique

Focus Area	Definition
Oceans and Maritime	Driving growth in blue economies through well informed and inclusive action from integrated solutions for ocean and coastal management and maritime transport.
Georesources and energy	Strengthening the management of earth's non-living resources through responsible harnessing of mineral resources including metalliferous and development minerals, and clean and renewable energy resources such as solar, wind, and geothermal, for sustainable development.
Disaster and Climate Resilience	Strengthening resilience and adaptive capacity through better understanding, management and reduction of risk, enabling integrated action on climate change adaptation, disaster risk reduction, integrated natural resource management, and access to safe and secure water and sanitation.
Divisional Programing, Performance and Systems	Driving integrated programme excellence and operational support across the division and fully aligned to the broader requirements of SPC.

OCEANS AND MARITIME PROGRAMME CONTEXT

- “*The future we want*” from the United Nations Conference on Sustainable Development
- Rio+20 makes reference to oceans and seas throughout 19 paragraphs (*from paragraph 158 to 177*).
- Sustainable Development Goals (SDGs) of the 2030 Agenda for Sustainable Development, and particularly the **Goal 14: *conserve and sustainably use of the oceans, seas and marine resources***.
- The United Nations Conference to Support the Implementation of Sustainable Development Goal 14 of the 2030 Agenda from 5-9 June 2017 affirmed a strong commitment to conserve and sustainably use our oceans, seas and marine resources for sustainable development.
- The document reaffirms the need for implementing international law as reflected in the United Nations Convention on the Law of the Sea (UNCLOS).
- Concept of **Blue Economy**

List of GEM Objectives and Results

	Pillar 1- Oceans and Maritime	Pillar 2 - Georesources and Energy	Pillar 3- Disaster and Community Resilience	Pillar 4- Programming, Performance and Systems
Policy and Governance	Outcome: Good Oceans and Maritime Governance	Outcome: Effective Geo-resources and Energy Policy and Governance	Outcome – Effective DRM, WASH and climate change Governance and coordination	Outcome: Strong engagement by members in GEM programmes and closer collaboration between GEM and its partners, which enhances the relevance and effectiveness of SPC’s work.
	Result 1.1: PICTs laws and policies comply with international maritime instruments	Result 1.1: PICTs Adopt and use regional frameworks for geo-resources and energy	Result 1.1: DRM, WASH and Climate Change governance and coordination is improved through adopted and implemented policies and plans	Result 1.1: Strong leadership, good governance, effective multi-sectoral coordination and partnerships for GEM
	Result 1.2: PICTs establish their maritime zones and meet international responsibilities	Result 1.2: PICTs develop, adopt and implement National Policies and laws for georesources management and sustainable energy	Result 1.2: Response to disaster and climate change is strengthened through strategic resourcing and national mechanisms aligned with FRDP	Outcome: GEM's scientific and technical expertise is further enhanced to increase the relevance and effectiveness of its work in supporting achievement of members’ development goals
			Result 1.3: Strengthened coordination and partnership management to support increased institutionalised governance	Result 2.1: GEM operates with a strategic focus adding value to its members through up to date expertise and relevant and effective services

Outcome: Sustainable Maritime Transport and Safe Navigation	Outcome: Quality Technical Assessment and Data & Information in Geo-resources and Energy	Outcome – Applied science, technology and applications for improved community resilience to climate change	Result 2.2: Operationalise and increase capacity development, knowledge management and innovation
Result 2.1: PICTs domestic vessels shipowners adopt and implement safety standards and Safety Management Systems (SMS)	Result 2.1: Infrastructure planning and development in PICTs is supported by technical surveys	Result 2.1: Tangible actions are implemented for community resilience through demonstration pilots and scaled up initiatives	Result 2.3: Enhance data management across all GEM pillars
Result 2.2: PICTs have the capacity and systems to deliver safety of navigation services in line with international maritime instruments	Result 2.2 PICTs supported with technical assistance for improved energy efficiency and strengthened sustainable energy industry	Result 2.2: Infrastructure planning and development in PICTs is supported by disaster, climate and WASH technical assessments	Outcome: Enhanced, evidence-based, multi-disciplinary approaches to the design and implementation of programmes addressing national and regional development issues (including the analysis and prioritisation of responses to social, environmental and economic issues).
Result 2.3: PICTs improve energy efficiency and lower carbon emissions in maritime transport	Result 2.3: PICTs capacity, systems and tools for data collection and analysis, dissemination in georesources and energy is improved and supported by functional secure regional and national data repositories	Result 2.3: Strengthened knowledge management systems and research are accessible for regional, national and community planning and resilient development	Result 3.1: Institutionalisation of evidence-based, and multi-disciplinary project management procedures and systems which adheres to SPC policy and procedures and utilities a user friendly project management system and which links paper work from admin/ procurement/ finance
Outcome: Strengthened Ocean and Coastal Monitoring and Prediction Services			Result 3.2: Improved synergies and integrated programming across GEM supported by Programming, Performance and Systems
Result 2.4: PICTs have improved ocean services and marine meteorology capacity			Outcome: An enhanced divisional performance management system is implemented, which strengthens the alignment between planning, prioritisation, evaluation, learning and communication and improves the effectiveness of SPC’s work with members.
Result 2.5: PICTs use ocean and coastal data and assessments to support science-based decision-making			Result 4.1: Innovative performance management systems and procedures in place that encourage transparency, critical-thinking, self-assessment, openness to change leading to continual improvement

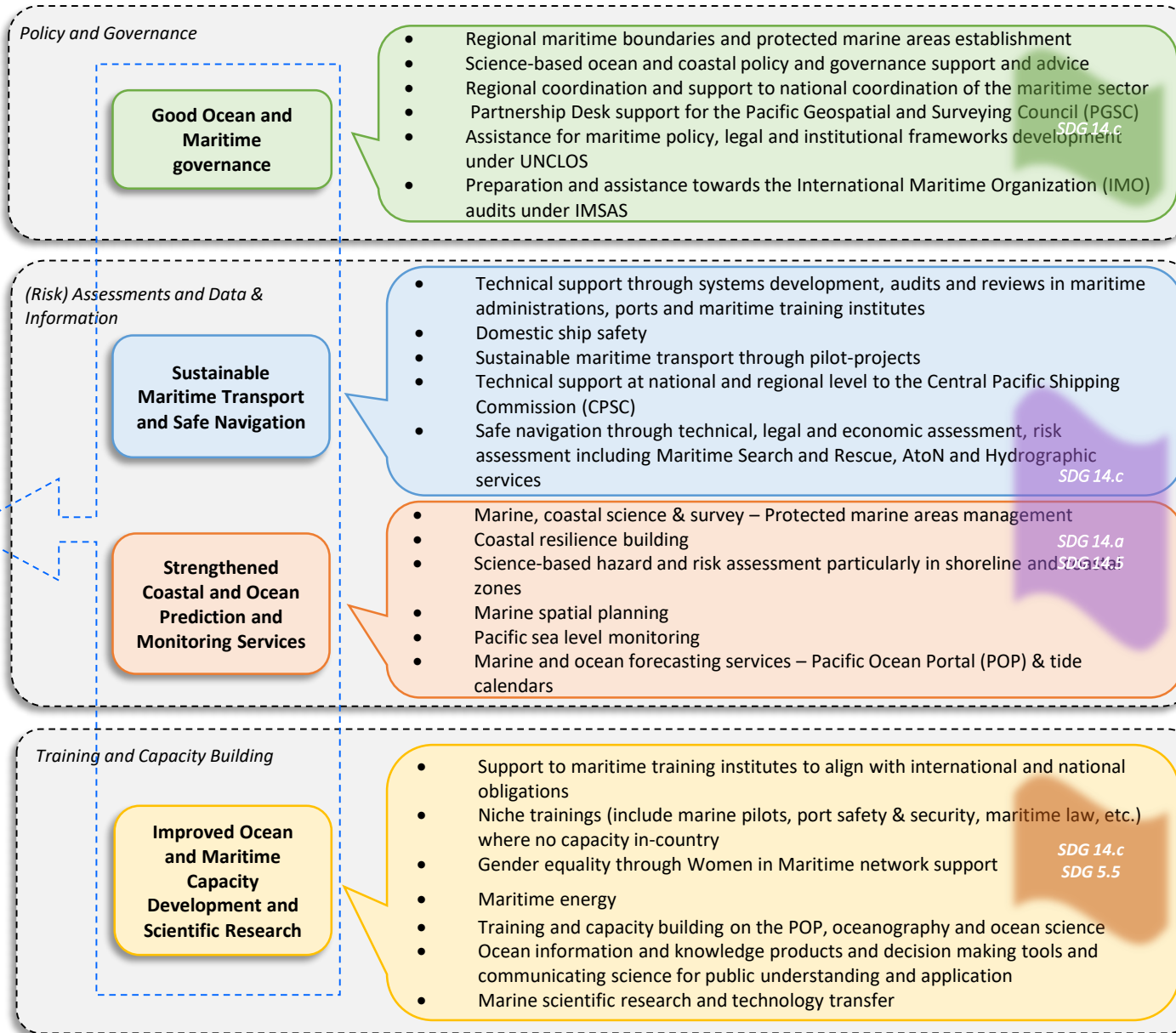
Training and Capacity Building

	Outcome: Improved Ocean and Maritime Literacy and Capacity	Outcome: Capacity Development in Geo-resources Management and Sustainable Energy	Outcome – improved capacity in response to disaster and climate change	Result 4.2: GEM Monitoring, Evaluation and Learning processes and culture is embedded and effective
	<p>Result 3.1: Expertise, skills and knowledge is improved for professionals in the maritime and ocean-related sectors</p> <p>Result 3.2: Women and youth have increased awareness and participation in the maritime and ocean-related sectors</p>	<p>Result 3.1: Skills, knowledge and practice is improved for PICT personnel responsible for energy and georesources</p> <p>Result 3.2: Women and youth have increased awareness and participation in the energy and georesources sectors</p>	<p>Result 3.1: Skills, practices and certification are improved in PICTs communities and governments for disaster, climate resilience and maintenance of ecosystem services</p> <p>Result 3.2: Women and Youth have increased awareness and participation in all initiatives related to DRM, climate change, WASH and ecosystem services</p>	<p>Result 4.3: Sustainable GEM Resource mobilisations to support all GEM pillars</p> <p>Result 4.4 Enhanced and resourced GEM visibility communication and brand</p> <p>Outcome: An efficient Divisional culture championed by motivated and committed staff. Enhanced Divisional support services and improved financial and risk management that underpin efficient service delivery and organisational sustainability</p>
				<p>Result 5.1: Productive organisational culture that promotes staff wellness and ensures operational efficiency and sustainability</p>
				<p>Result 5.2 Staff development plans which are resourced (time and finances) and supported by manager and include staff empowering training</p>
				<p>Result 5.3 Effective balance of support services that are resourced between the centralised GEM units and decentralised programme/project units</p>

OCEANS AND MARITIME PROGRAMME (AREAS OF INTERVENTION AND MAIN ACTIVITIES)



Programme Focal Point contributes to Pacific Community Centre for Ocean Science (PCCOS) for coordination and synergies with other SPCs Divisions and Programmes in Oceans Science, Governance and Management



Regional Frameworks / Strategies

Lead on:

- Framework for Action on Transport Services (FATS)
- Regional Strategy on Safety of Navigation (SoN Strategy)
- Pacific Geospatial Surveying Council Strategy (PGSC Strategy)

Contribute to:

- Framework for a Pacific Oceanscape (FPO)
- Framework for Resilient Development in the Pacific (FRDP) – Goal 2
- Pacific Islands Meteorological Strategy (PIMS)

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